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Ericsson R380s

User's Manual

Second edition (April 2001)

This manual is published by Ericsson Mobile Communications AB, without any warranty.

Improvements and changes to this manual necessitated by typographical errors, inaccuracies of current information, or improvements to programs and/or equipment, may be made by Ericsson Mobile Communications AB at any time and without notice. Such changes will, however, be incorporated into new editions of this manual.

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INNOVATRON PATENTS

Note: *Some of the services in this manual are not supported by all networks. This also applies to the*

GSM International Emergency Number 112. Please contact your network operator or service provider if you are in doubt whether you can use a particular service or not.

European Union standards

The **CE** symbol on our products signifies that they have been certified according to the EMC directive 89/336/EEC, the Telecommunications directive 91/263/EEC, and the Low Voltage directive 73/23/EEC when applicable. The products fulfil the requirements according to the following standards:

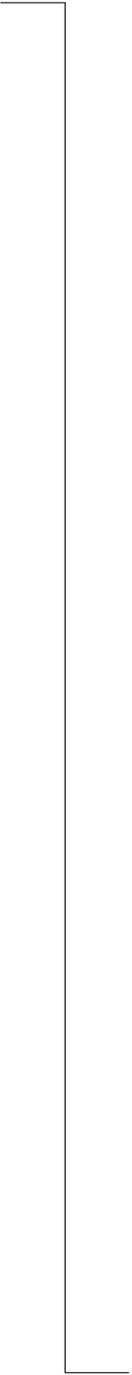
Cellular Phones and Accessories in Combination:

ETS 300 342-1 EMC for European digital cellular telecommunications.

Accessories Without Direct

Connection to a Cellular Phone:

EN 50081 Electromagnetic compatibility, Generic Emission Standard, and EN 50082 Electromagnetic compatibility, Generic Immunity Standard.



Introduction

Your Ericsson R380s

Congratulations and thank you for buying the Ericsson R380s Smartphone, the ultimate mobile phone and personal digital assistant. This is an advanced, yet easy to use, product with a wide range of features, designed to make everyday life much easier.

Your R380s gives you the freedom to communicate wherever you are and whenever you want. Along with a host of mobile phone functions, your R380s can send and receive e-mail and SMS messages, browse the Internet via a WAP services browser and much, much more.

The advanced software in your R380s heralds a new era in mobile communications. Welcome to our wireless world!

Documentation

Documentation is designed to enhance your understanding of the capabilities of the R380s by providing you with both a quick reference and a more comprehensive description of the many functions within your R380s.

Descriptions follow the two main operational modes which are flip closed and flip open.

The term phone is equivalent to mobile or cellular phone.

Quick Guide

The Quick Guide is a printed document which provides quick reference on how to get started with your R380s where technical instructions are kept to a minimum.

User's Guide

The User's Guide is a printed document which contains a comprehensive description of all the functions in your R380s.

Note: *Information in the User's Guide is the same as the User's Manual, which is an electronic document on the enclosed CD.*

Information and Communications Suite CD

Insert the CD into your PC's CD-ROM drive and the main menu should appear automatically.

From the main menu you can start:

- A multimedia presentation, **R380 Product Information**, which is an on-screen description of the functions of the R380s.
- The installation of the **Ericsson R380 Communications Suite**, for PC synchronization, backup and restore of R380s data.

Note: See “R380 Communications Suite” on page 180 or the CD sleeve for more information if the CD-browser does not appear when the CD is inserted into your PC's CD-ROM.

- **Change Language in R380**, when synchronized.
- The **R380 User's Manual**, which is an electronic document containing a comprehensive description of all your R380s functions in portable document format (pdf).

Note: *Adobe Acrobat Reader version 4.0 should be installed on your PC to read the R380 User's Manual.*

- The installation of **Adobe Acrobat Reader version 4.0**.

Note: *R380 User's Manual information on the CD is exactly the same as the printed R380s User's Guide. The names are different so that the printed document and the electronic document can easily be recognised.*

- The installation of **Lotus Organizer version 5.0**.

See “Checklist” on page 7 for more information.

Getting Started

Checklist

Make sure the following items are in the box when you unpack it:

- R380s unit.
- R380s battery with touchscreen stylus.
- Charger with power plug and phone cable.
- User's Guides.
- Quick Guide leaflets.
- CD-ROM; Ericsson Mobile Communications and Information Suite which contains a multimedia presentation, Communications Suite software and the User's Manual (pdf).
- RS-232 cable for R380s to PC connectivity.
- Desk stand.
- 3 extra touchscreen styluses.
- Battery leaflet.
- Ericsson Service and Support leaflet.
- Accessory leaflet.

If you do not intend to read through the User's Guide or User's Manual before getting started, please spend a couple of minutes reading the Quick Guide. This gives you a quick reference on how to get started, although instructions are kept to a minimum.

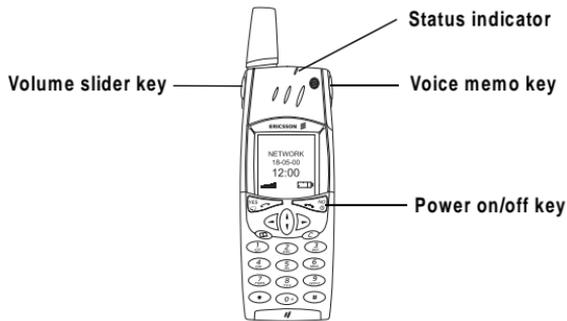
Operational modes

The two main operational modes are when the flip is closed and when the flip is open. These operational modes are interchangeable where tasks can be started with the flip closed and, if required, continued in the more comprehensive flip open mode.

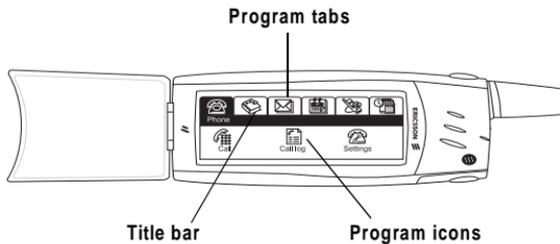
Although the manual covers both modes of operation in detail, it is very important to remember that many of the functions described are dependant on them being available from your network operator and internet service provider. Please consult your network operator and internet service provider for more information about the services that are available to you.

The operational modes are as follows:

1. Flip closed.



2. Flip open.



The Battery

The battery that comes with your R380s may not be charged. It is recommended that you charge the battery for 3 hours before you use the R380s for the first time.

The first time you charge a new battery, or a completely discharged battery, it may take a few minutes before you get any indication that the battery is being charged (the top indicator does not light up and the battery meter does not appear in the display). However, after a short delay, both the top indicator and the battery meter will operate.

Note: *You cannot turn on the R380s before the indicator lights up and the battery meter appears in the display.*

A battery that has not been used for a longer period needs to be completely discharged and then recharged 2-3 times before reaching full capacity. Should you need to discharge the battery, simply use your R380s as usual until the battery runs low.

When to charge the battery

When the battery needs to be charged, a beep is heard, the indicator light (on the top of your R380s) blinks red and a battery low message appears in the display. The battery can also be charged whenever you wish without affecting the R380s's performance.

Note: *The R380s automatically switches off if the voltage is too low.*

Charging

Charge the battery by using the charger supplied with your R380s. You can use some battery chargers that have been supplied with other Ericsson mobile phones using the same connector plug, e.g. T28, R320s.

Warning! *Avoid direct sunlight. Extremely high temperatures reduce the capacity of the battery permanently. Avoid recharging a full or almost full battery.*

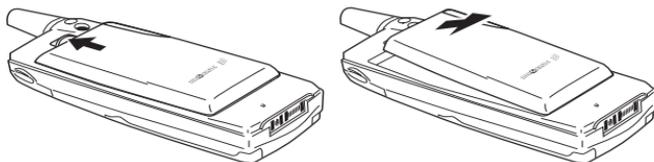
Battery removal and insertion

To remove the battery:

1. Ensure that the flip is closed.
2. Ensure that your R380s is turned off.

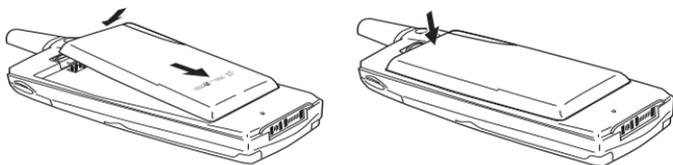
Warning! *It is important that you always turn off your R380s before removing the battery. Failure to do so will result in loss of information.*

3. Push up the release catch at the top of the battery and lift the battery away from your R380s.



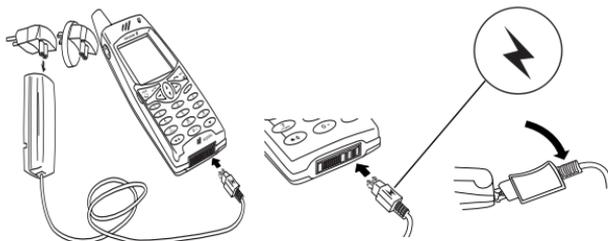
To insert the battery:

1. Ensure that the flip is closed.
2. First place the bottom of the battery into position and then push the upper section of the battery until it clicks into place.



To charge the battery using the charger:

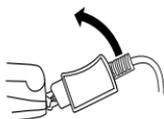
1. Make sure the battery is attached to your R380s.
2. Connect the charger to your R380s as follows:



- The flash symbol  on the R380s plug must face upwards.
 - Locate the flash symbol by the R380s connector.
 - Tilt the R380s plug contacts slightly downwards when inserting into the R380s connector.
 - Move the R380s plug downwards so that it fits securely with the R380s connector.
3. Connect the charger to the mains.

To remove the plug:

- Tilt the plug upwards and pull it away from the R380s connector.



Warning! *The mains (power) supply plug may look different depending on the mains socket in your country. Do not connect the AC-plug-in unit to any other item than your Ericsson Travel Charger CTR-10. Do not separate it from the charger when plugged into the wall socket.*

Charging is indicated by:

- the battery meter on the display pulsing continuously.
- the indicator on top of the R380s showing a steady red light (or green, if the R380s is switched on).

Note: *Non-Ericsson batteries are charged slowly for safety reasons.*

Note: *If you charge a battery that is empty, or a battery that has not been used for a long time, there may be a short delay until you get an indication of charging on the display.*



When the battery is fully charged, the battery meter on the display is shown as full and the indicator on top of the R380s shows a steady green light.

Tip! *Normal operation is possible during charging. However, this lengthens the charging time.*

Warning! *The mains (power) supply plug attached to your charger unit may differ depending on the mains socket in your country. Use only the mains plug that is provided with the Ericsson charger.*

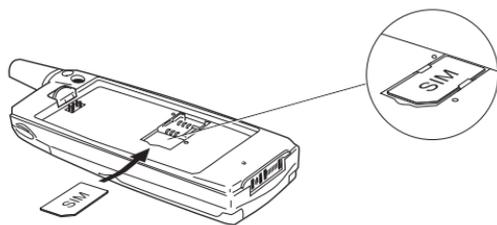
Note: *See “BATTERY INFORMATION” on page 197 more information about battery safety.*

The SIM card

When you become a subscriber to a mobile network operator, you are issued with a SIM card that has a Personal Identity Number, the PIN code. The SIM card contains your personal subscriber data and must be inserted into your R380s. The holder for the SIM card is located underneath the battery.

To insert the SIM card:

1. Ensure that your R380s is turned off and the flip is closed.
2. Remove the battery.
3. Slide the SIM card into the SIM card holder.



4. Replace the battery.

Note: *If you already have a SIM card that contains phone book entries then this information can be imported to your R380s. See “SIM card phone book import” on page 20.*



To remove the SIM card:

Warning! Always disconnect the charger and other accessories from your phone before inserting and removing your SIM card.

1. Ensure that the R380s is turned off and the flip is closed.
2. Remove the battery.
3. Slide the SIM card out of the SIM card holder.



Turning on and off

The  button on your keypad turns your R380s on or off.

Tip! The term *press and hold* is equivalent to a key press time of approximately 2 seconds.

To turn your R380s on:

1. Ensure that you have inserted your SIM card into your R380s, the battery is charged and that the flip is closed.
2. Press and hold  until you hear a tone and the display turns on.

To turn your R380s off:

- In standby mode, press and hold  until you hear a tone.

Entering a Personal Identification Number (PIN)

Some SIM cards are protected with a PIN code.

If Enter PIN: appears in the display after you have turned on the R380s:

1. Enter your PIN code. If you make a mistake while entering your PIN, erase the incorrect entry by pressing  clear. The code you enter appears as asterisks (*) in the display, unless 1 or 9 is entered as the first digit, i.e. calling an emergency number.
2. Press .

On finding a network, the name given by your network operator or a supporting associate operator network appears in the display.

Note: *If your PIN is entered incorrectly three times in a row, the SIM card is blocked. You can unblock it by using your PIN Unblocking code (PUK). See “Security” on page 21 for more information.*

Note: *If Enter code appears in the ‘Phone locked’ message display, enter your phone lock code. See “Security” on page 21 for more information.*



Turning on your R380s for the first time

After turning on your R380s for the first time, you are asked to select your preferred language.

To select a language:

1. Scroll with  to find and highlight your choice.
2. Press  to confirm your selection.
3. Turn your R380s off and then on again to activate the language.

Flip closed

With the flip closed there are a number of modes relating to different circumstances. They are outlined as follows:

Standby mode

After you have turned on the R380s (and entered your PIN code), the R380s searches for a network.

When a network is found, the R380s beeps three times. The indicator light on top of the R380s flashes green once every second and your network operator's name (in most cases abbreviated) appears in the display.

Note: See "Troubleshooting" on page 189 if you do not reach standby mode.

When in the 'Standby mode' you can make and receive calls, use the Phone book to make a call, view e-mail and SMS messages, view the current days events, appointments and to-dos and activate/deactivate a limited number of settings.

Other modes

If the name of a network does not appear in the display it may be due to one of the following reasons:

Emergency calls only

If 'Emergency calls only' is displayed, you are within coverage of a network but you are not allowed to use that network. However, in an emergency, you can call the international emergency number 112 or 999 in the UK. Furthermore the light indicator on top of the R380s does not flash.

Note: *This service is network dependant, not all networks will allow you to make an emergency call.*





No network

If 'No network' is displayed, there is no network coverage within range, or the received signal is too weak, in which case you will have to move to obtain a sufficiently strong signal. Notice that the network strength indicator, at the bottom to the left of the display, is reduced to a dashed line. Furthermore the light indicator on top of the R380s does not flash.

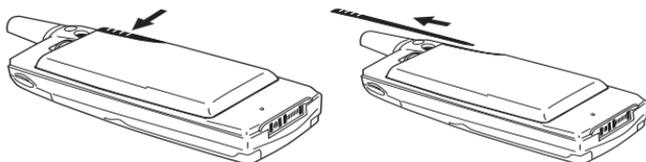
Flip open

On opening the flip, software is presented on the desktop as program tabs, icons and functions. The stylus provided is used to operate the software by tapping the touch sensitive screen for selection.

Finding and using the stylus

The stylus is located in the holder on the battery, at the back. Gently pull the stylus so that it slides out. To replace it, push it back in until it fits into place.

Locating and removing the stylus from the holder



Note: *The stylus is only used with the flip open touchscreen.*

Selection using the stylus

To make your selection tap the screen lightly with the stylus. Alternatively you can use your fingers to tap the screen, though it is best to use the stylus to avoid fingerprints or smudges on the screen and to make precise selections.



Warning! *Do not allow children to play with your R380s as they could hurt themselves or damage the unit. Always make sure the stylus is in the holder when the flip is closed.*

Dragging the stylus

Some of the lists displayed in your R380s allow you to perform the action of dragging the stylus to highlight a number of entries, i.e. deletion of a number of messages within your Inbox.

If, while the entry is touched and highlighted, you drag the stylus over an alternative entry (or entries), the previous entry will remain highlighted and the alternative entry (or entries) will also become highlighted, i.e. stylus dragged down to 3rd line of list.

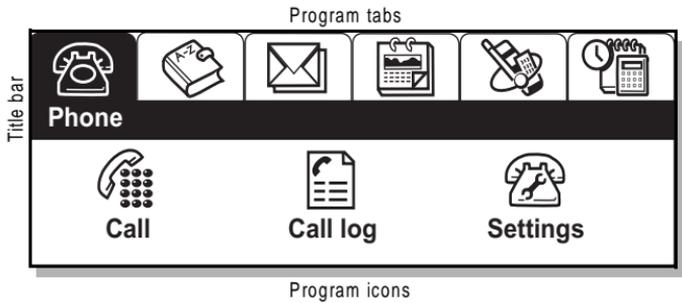
If you then drag the stylus back towards the line at which you started, the lines that have just become highlighted, will become un-highlighted as the stylus moves past them, i.e. stylus dragged back to the top line.

Any lines dragged over, that were highlighted from a previous tap and drag movement, will stay highlighted.

The desktop

On opening the flip, your R380s shows the equivalent or nearest function that was immediately active with the flip closed. For example, if a contact within the Phone book is displayed and the flip is opened, then the contacts record within Contacts appears in the display.

Note: *A desktop view is shown for functions that have no nearest equivalent between flip closed and flip opened.*



The desktop can be divided into three graphical areas:

- **Program tabs**, containing six function groups which are located in the upper section of the screen.
- **Title bar**, which indicates the active program in inverse video and is located directly under the tab.
- **Program icons**, which start the different functions available within each program tab and are located in the lower section of the screen.

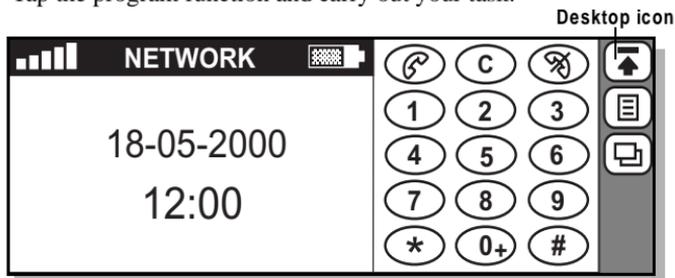
Selection guidelines

This is a general guideline about how to work with any flip open task.

To select a specific function:

1. Take out the stylus from the holder on the battery.
2. Open the flip.
3. Select the desired program tab on the desktop.

4. Tap the desired program icon. The available program icons change depending on the program tab selected.
5. Tap the program function and carry out your task.



6. Tap  the desktop icon to return to the desktop.

Note: *When returning to the desktop from a particular program, its title bar and icons are displayed along with all the other tabs.*

Entering information

With the flip open there are two different input methods which can be used when entering information:

- An on-screen keyboard which can be used to **type** information, which then appears in the relevant entry section.
- Character recognition, which can be used to **write** on the screen with the stylus. The information is then recognized and appears in the relevant entry section.

See “Entering information” on page 48 for more information.

Initial settings

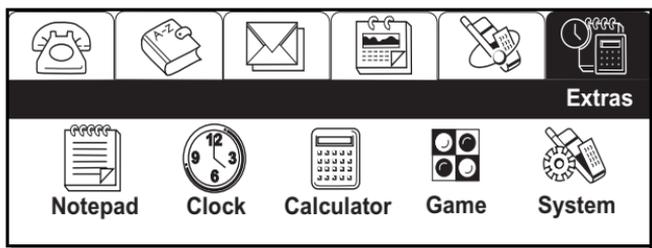
For effective use of your R380s, it is recommended that some initial settings and preferences be set up. In general, most settings can only be set up with the flip open. This includes and covers most flip closed functions. The quick stylus selection technique and easy to use menu system with the flip open replaces the traditional arrow/yes selection technique with the flip closed.

Time and date

Messaging and Calendar programs are dependent on correct time and date settings, which can be set using the Clock program.

To enter the clock program:

1. Select the **Extras** tab to display the functions.

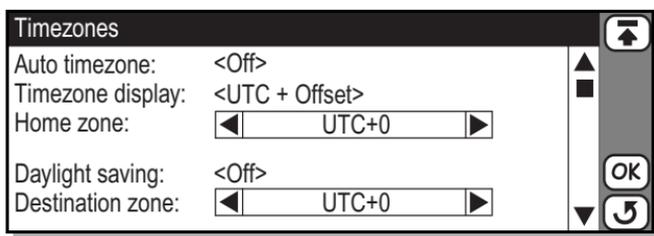


2. Tap the **Clock** icon.

A view is displayed in which time and date is shown.

To select the current and destination time zone:

1. Tap  and select **Timezones**. The Timezones view appears in the display.



2. Select the **Auto timezone** to specify whether or not the destination clock is to use network time. A pop-up menu allows you to select **On** or **Off**. If Auto timezone is set to **On** and a network time update is received, the following message will appear in the display "Time has been updated". Select **OK**.

Note: *Network time is not supported by all networks.*

3. To specify how the timezones are displayed, tap the **Timezone Display** and select **UTC+offset**, i.e. Co-ordinated Universal Time (UTC) + number of hours of offset, or **Zone name**, i.e. CET (+1 (number of hours of offset from UTC)).
4. Select **Home zone**: and use the left and right scroll arrows to select the required time zone.
5. Select **Destination zone**: and use the left and right scroll arrows to select the required time zone.

6. Select the **Daylight saving** section you want to change, i.e. Home or Destination, and select **On** or **Yes**.
7. Tap **OK** to accept and save any changes you have made to the time zones. The display returns to the World clock view.

Note: *If at any time during the above operation you decide to cancel, select **⌵**. The display returns to World clock view.*

To set time:

1. Tap **⌵** and select **Set time**. The Set time view appears in the display.
2. Use the up and down scroll arrows to set the time or tap the clock face and move the Hour and Minute hands to set the time.
3. If the date format is set to AM/PM, tap **±12** to change the currently displayed time by 12 hours.
4. Tap **OK** to accept the new time. The display returns to the Clock view.

Note: *If at any time during the above operation you decide to cancel, select the **⌵** **Cancel** button. The display returns to World clock view.*

To set the date:

1. Tap **⌵** and select **Set date**. The Set date view appears in the display.
2. Use the left and right scroll arrows to select the month and year and select the day by tapping the respective day on the calendar.
3. Tap **OK** to accept the new date. The display returns to the World clock view.

Note: *If at any time during the above operation you decide to cancel, select the **⌵** **Cancel** button. The display returns to World clock view. See “Global settings” on page 161 for more information.*

Personal details

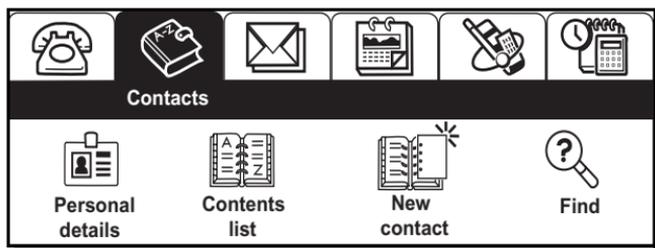
Owner information is essential for the safe return of your R380s if it is misplaced, lost or stolen. Furthermore, you can send your personal details via infrared to another device or attach them to an e-mail when establishing new contacts.



Warning! *The information stored within your R380s may cause a security risk if lost or stolen with items such as keys or credit cards. Therefore, you are advised to keep these items separate.*

To enter your personal details:

1. Select **Contacts**.



2. Tap **Personal details** and enter your personal details.
3. Tap the first name entry section and enter your name.
4. Continue with the following fields by tapping  the next field icon. A previous field icon now appears  if you wish to go back.
5. Tap  to display all your entered personal details.
6. Tap **OK** to save the information displayed and return to the desktop.

or

Tap  and a cancel view is displayed before returning to the desktop. Tap **Yes** if you want to cancel without saving or **No** if you want to return to the personal details view.

or

Tap  and a save view appears in the display before returning to the desktop. Tap **Yes** if you want to save the information or **No** to exit without saving.

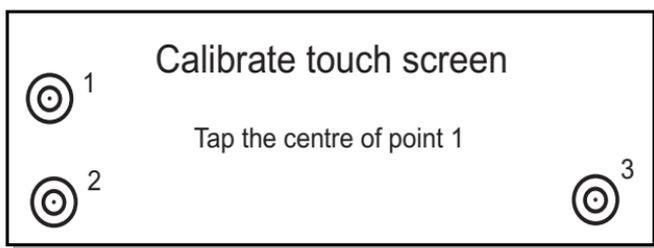
Stylus calibration

The screen is pre-calibrated to factory settings. However, this may not necessarily agree with how you use the stylus. Calibration is calculated by the average stylus tap speed and the location of the stylus tap on selection. For example, you may tend to tap quickly and slightly off-centre to the right.

To re-calibrate the stylus:

1. Select **Extras**.
2. Tap **System**.
3. Tap **Touchscreen calibration** and the screen setting appears in the display.

4. Tap once at the centre of each of the three calibration points in numerical order.



5. After touching the third calibration point, a 'Calibration complete' message appears in the display. Tap **Yes** to accept and save the new settings. The display now reacts accordingly. You are also returned automatically to the system functions display.
6. Tap  to return to the desktop.

SIM card phone book import

If you have names and numbers stored in a phone book on a SIM card, then these phone book entries can be imported from the SIM card to your R380s.

To import SIM card phone book entries:

1. Select **Contacts**.
2. Tap **Contents List**.
3. Tap  and select **Import from SIM card**.

The Import from SIM card view appears in the display.



4. To import a phone number, scroll to the entry you want to import and select it. A pop-up menu appears in the display providing you with the following options:
 - **Import as first name**
 - **Import as last name**
 - **Import as company name.**

Select the option you want.

5. To import all phone numbers, tap  and select **Import all as first name**, **Import all as last name** or **Import all as company name**.
6. The selection is then imported into your Contacts database and an information view is displayed confirming that the import has been successful.

Note: *The newly created record(s) will have the imported phone number from the SIM card phone list entered as a mobile phone number as default. However, if the imported phone number is not a mobile number, you must re-assign the phone number to its correct label, i.e. work, home, etc. Otherwise, should you try to send SMS messages to an imported phone number that is not a mobile number, your message will not be sent.*

Security

PIN code

The Personal Identification Number (PIN) is to authenticate and protect against unauthorised usage of the R380s. The PIN code is usually requested when you turn on your R380s. To change your PIN code, see “To change the PIN/PIN 2:” on page 80 for more information.

The unblocking PUK code

After three unsuccessful PIN code entry attempts, the SIM card becomes blocked. The SIM card can only be unblocked by entering a Personal Unblocking Key (PUK), which is provided in your network operator subscription information.

To unblock the SIM card:

1. Enter the unblocking key, usually eight to sixteen digits, and press .

Note: *The digits are not displayed and are shown as asterisks (*) for security protection. A maximum of ten attempts are usually allowed. Contact your network operator if unsuccessful. Emergency calls are still available in this state.*

2. If the unblocking key is accepted, a new PIN code entry display is shown. Enter your PIN code and then press .

Phone lock code

The phone lock activates an identification number to authenticate and protect against unauthorised usage of your R380s if it is stolen and the SIM card is exchanged. It is not activated when you buy the phone. You can change the phone lock code (default is 0000) to any three to eight-digit personal code.

The Phone lock has three possible settings:

- **Off**, no Phone lock is activated.
- **Automatic**, the Phone lock is activated when the SIM card is changed.
- **On**, the Phone lock is activated and entry is required when turning the phone on.

See “To change the phone lock code:” on page 80 for more information.

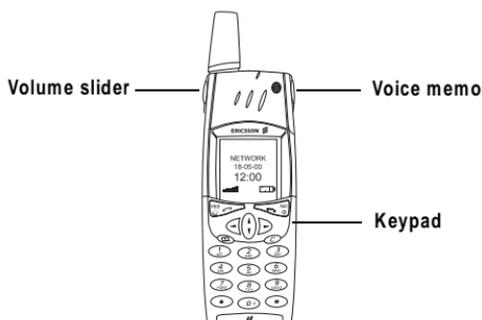
Flip Closed

This section of the manual describes what functions and settings are available with the flip closed. Operation of the various menus is achieved by directly pressing key combinations. Menu selections are shown in the display.



Tip! *It is recommended that you familiarize yourself with the flip closed functions and settings, as you would with any other mobile phone. However most general settings, which cover both the flip closed and flip open modes, are managed with the flip open. See the respective flip open program chapters, Phone, Contacts, Messaging, Calendar, WAP services and Extras for more information.*

See “Turning on and off” on page 12 for information on how to start your R380s.



Phone keys

Keys on the upper section of your R380s are the volume slider and voice memo keys. They each have one or more distinctive functions associated to them.

Use the volume slider key to:

1. Increase or decrease the volume of the earpiece. Move upwards to increase or downwards to decrease the volume.
2. Start voice activation, when dialling, by sliding and holding the key.
3. Switch on, confirm and switch off the office handsfree mode. See “Office handsfree mode” on page 65 for more information.

4. Turn on the backlight. Slide the key up then down, or vice versa.

Use the Voice Memo key to record a voice memo:

1. A long press (approximately 2 seconds) to start the memo.
2. Press again to stop the memo.

Use the Voice Memo key to play a recorded voice memo:

1. Press to play the recorded memo.
2. Press again to stop the memo.

Keypad functions

Keys on the lower keypad or flip section of your R380s have one or more distinctive functions associated to them.

The term press and hold is equivalent to a key press time of approximately 2 seconds.

Use the YES key to:

- Make a call after a phone number has been entered.
- Answer an incoming call.
- Select a highlighted item in a menu, sub-menu or setting.
- Display the last dialled number list.
- Put the ongoing call on hold.
- Activate voice dialling by holding down.
- Retrieve held calls.

Use the NO key to:

- Turn your R380s on and off when held down.
- End the active call.
- Reject an incoming call and send a busy tone.
- Return to standby mode from a menu (press and hold required)
- Go back one level in the menus, exit a setting or leave a setting unchanged.

Use the left and right arrow keys to:

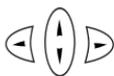
- Select the top-level menus.
- Move between the menu tabs.

Use the up and down arrow keys to:

- Scroll within a menu or list.

Use the clear key to:

- Erase entered characters/digits from the display one by one.
- Erase an entire row of entered characters/digits, press and hold.



- Disconnect the microphone (mute function) when a call is in progress, press and hold.
- Mute the ring signal during an incoming call.
- Put the R380s into silent mode, when in the standby mode press and hold.

Use the phone book shortcut key to:

- Enter the phone book directly.

Use the numeric keys to:

- Enter the digits 0 to 9.
- Enter associated characters or perform an associated function, for example:
the 0 key, when held down, enters the international character '+'
the 1 key, when held down dials your voice mail.
- Enter a short-cut to a Phone book entry, press and hold.

Use the star or asterisk key () to:*

- Enter the character *.
- Enter a **p** (pause) character if held down.

Use the hash key (#) to:

- Enter the character #.
- Terminate the input of pin and security codes.
- Recall a phone number from the SIM card phone book (enter the number of the memory position and then press #).

Display indicators

When you successfully connect the R380s to your network operator, the 'Standby' display is shown. On the display a number of different indicators can be shown if activated.

The Standby display has the following sections:

- Status indicators in the upper and middle sections of the display.
- Text and digit indicators in the middle section.
- Connection signal strength and battery power indicators in the lower section.

Indicators

Ring volume set to 0. The ringing volume is turned off.

Silent mode. All audible signals are turned off.

Text message received. A message has been received.





Divert calls. All incoming calls (unconditional) are diverted to a defined number.



Mute. The microphone is muted.



Deciphering. The present call is no longer being encrypted and may not be private. This function is accompanied by an alarm warning. The indicator appears in the display until ciphering resumes, or the call ends (whichever is first).

Note: *Ciphering is a network feature that scrambles your calls and messages to provide additional privacy.*



Voice mail. An incoming voice mail notification has been received.



Infrared. The infrared port is activated.



Voice control active. Voice dialling appears in the display, if active.



Alarm. The alarm is set and activated.



Keylock. The keypad is locked to prevent accidental operation.

Text and digits

NETWORK

Network. The current network is displayed.

18-05-2000

Date. Displays the current date in local-specific format.

12:00

Time. Displays the current time in local-specific format.

Signal and power



Network signal strength meter. The more bars shown, the stronger the signal strength, 0–5 units.



Battery meter. The fuller the icon, the more charge the battery holds, 0–4 units.

Other indicators



SMS memory overflow. R380s message memory is full and no SMS messages can be received. See “Delete messages” on page 100 for information on how to delete stored SMS messages from your R380s.

00:01

Conference

+4355545678

Ericsson John

Calling

Call timer. Total call time information from start to finish.

Conference. Indicates a multiparty call is in progress.

Connection number. The number of the active connection, either an incoming or outgoing call.

Note: *It is not always possible to show an incoming call number due to restrictions where unknown or withheld appear in the display instead.*

Connection name. The name of the of the person you are speaking to will appear in the display if there is a number tag associated with it in the Phone book or SIM card Phone book.

Connection progress. Call status information of the active call, for example **Calling**, **Connecting** or **User busy**.

Menu navigation

When the flip is closed a limited number of functions are made available to you via a main menu. Press  or  from the standby screen to display the main menu options.

Four options are available via the tabs at the top of the screen.

The main menus are:

-  **Phone menu** – activating and deactivating settings.
-  **Calendar** – viewing appointments, to do's and events.
-  **Inbox** – viewing messages you have received.
-  **Phone book** – viewing and making calls to your contacts.

Select and move through the menus by using the following:

- The  or  for highlighting the main menus.
- The  or  for scrolling menu tab options.
- Press  to make a selection.

Tip! *When accessing menus you can press  to return to the main menu. To return to the standby mode press and hold .*

Making and receiving calls

When making and receiving calls, the instructions in this section assume that your R380s is in the standby mode.

To obtain standby mode requires the following:

- your R380s is turned on.
- your R380s is within coverage of a network.
- your SIM card is inserted and PIN entry has been successful.





Note: *When abroad, other networks may be used on the condition that your home network operator has entered into agreements that allow you to use other operator networks.*

To make a domestic call:

1. Enter the area code and the phone number. The network, time and date disappear and the number to be dialled is shown.

Note: *To erase a single digit, press **C**. To erase all digits, press and hold **C** until the digits disappear.*

Tip! *When entering numbers into the phone book, enter the country code, the area code (excluding the leading zero) and the phone number when saving. The numbers can then be easily used when home or abroad.*

2. When the correct number has been entered, press **YES**.

The display shows **Calling** (outgoing call initiated), followed by **Connecting** (a line has been allocated). When the call is answered it is deemed as active. A call time meter starts, showing the elapsed time in minutes and seconds.

3. To end the call, press **NO**.

Note: *The timer can show the elapsed time of the call in hours:minutes:seconds. The hour section does not appear until you have been connected for more than an hour.*

If the call is unanswered, the number is busy or no connection is available, press **NO**. The number is stored in a short term memory so that it can be easily recalled.

To recall the last number you called:

1. Press **YES**. The display shows the last dialled numbers list with the last dialled number highlighted.
2. Press **YES** again to call the number.

You can also scroll down the list using **▲** or **▼** to any other number and then press **YES** to call that number.

Automatic re-dialling function

If the connection of a call fails or the user is busy and the receiver's network acknowledges this, the display shows **Retry?** for 20 seconds or until any other function is selected.



When Retry? appears in the display:

- Press **YES** if you want to re-dial the number, or **NO** if you do not. If you press **YES**, the number will be re-dialled automatically until the call is answered or the maximum number of retry attempts has been reached. The type of connection failure (i.e. user busy, no answer) determines the number of retry attempts. If you press any key, or you receive a call while the Retry? function is active, then the re-dialling is interrupted.

If the re-dialling is successful, the R380s sounds a single ring tone.

International calls

When making an international call, the international dialling prefix is required followed by the destination area code and number.

Note: *Do not include the leading zero for European and some other area codes when making an international call.*

To make an international call:

1. Press and hold the 0 key until the international character + appears in the display. It is automatically replaced by the international prefix for the country you are calling from.
2. Enter the country code, the area code (excluding the leading zero) and the phone number.
3. Press **YES** to make the call.

Emergency calls

Provided a network is within range, the international emergency number 112 can normally be called even if there is no SIM card in your R380s.

Note: *Some networks may require that a SIM card is inserted, and in some cases that the PIN code be entered as well.*

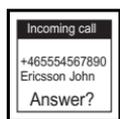
To make an emergency call:

1. Enter **1** **1** **2** (the international emergency number).

Note: *Some networks may not use the international emergency number 112, for example, 999 in the UK.*

2. Press **YES**. The text **Emergency** appears in the display.





Receiving and answering a call

When you receive a call, the R380s rings, the indicator light on the top blinks green rapidly and the display shows Answer?.

To answer a call:

1. Press to answer the call.
2. When the call is finished, press .

Rejecting a call

To reject a call:

- Press when the R380s rings. The call is rejected and a busy tone is sent to the caller. All calls can be rejected in this way.

The display shows **Busy tone sent**. The caller hears a busy tone if this is supported by the caller's subscription. If **Divert when busy** is on, the call is diverted to the number you have specified. See "Divert calls" on page 74.

Note: *A data call cannot be answered as a voice call. Data information must be downloaded to a data compatible machine or service. Such a call can, however, be rejected.*

Fax calls

Fax calls are not supported, however they can be forwarded to another number such as the office fax number, so it is important that you set the fax divert calls setting. See "Divert calls" on page 74 for more information.

Note: *Fax calls are not received by your R380s and no indication is provided.*

When a call is in progress

Changing the volume

During a call the volume can be adjusted with the use of the slider on the side of the R380s. Slide up to increase the volume and down to decrease the volume.

Muting the microphone

To disconnect the microphone during a call, press and hold down . Release to resume the conversation.

Using the display notepad

During a call you can enter a phone number or DTMF tone in the display from the keypad as if it were a notepad. When you have finished the call, the number remains in the display. To call the number press .

Switching DTMF tones on and off

DTMF tones can be turned off in the Phone menu for the benefit of the remote party during a call.

To turn DTMF tones on or off:

1. Scroll to **DTMF tones** in the **Phone menu** using  or , then press . The current setting is highlighted.
2. Scroll to the desired setting and press .

Note: *Turning the DTMF tones on or off can only be achieved when the call is active.*

Sending DTMF tones

You can use your R380s to send DTMF (Dual Tone Multi Frequency) tones. This feature may be used for a variety of purposes, such as telephone banking or controlling an answering machine.

To send a DTMF number during a call:

- During a call you can enter your DTMF code with the keypad. The characters **0** to **9**, ***** and **#** are used as DTMF tones by pressing the corresponding keys.

If you want to send a code using the pause function, for example your personal access number, it is necessary to use the pause function. Before you make the call, you enter both the phone number and the code, separated by the pause character (p).

To send a code when making a call:

1. Enter the desired phone number.
2. Press and hold . The letter **p** appears in the display.
3. Enter the code you want to send. The code can be any combination of the digits **0** to **9** and the characters ***** for pause.
4. Press  to make the call.

When the call has been connected, the phone number disappears from the display. After a delay of 3 seconds, the code is sent automatically, character by character. While the code is being sent, the message 'Sending' appears in the display.

You can enter a number of pauses, for example:

PHONE NO p CODE1 p CODE2 p CODE3

When the call has been connected, the code following each pause character, is sent automatically after 3 seconds.

Note: *During a pause you can press  to send the DTMF tones immediately.*



It is also possible to access DTMF numbers stored in the Phone book (flip closed) or Contacts (flip open) and to send the digits as DTMF tones during a call. See “Phone book” on page 42 and “New contact” on page 91 for how to store a number.

Call holding

An active call is indicated in the display with the phone handset symbol tilted up next to the connected name or number.

An active call can be placed on hold before setting up another call or when answering a waiting call.

To put the active call on hold:

1. Press **YES**. The active call is now greyed out in the display and the telephone handset icon is facing downwards.

You can now dial another number.

Call waiting

When Call waiting appears in the display, there are a number of ways in which you can manage the incoming call while an active call is already in progress, such as:

To place the active call on hold and answer the incoming call:

- Press **YES**.

To end the active call and answer the incoming call:

- Press **1** and then **YES**.

To manage an incoming call with one active and one on hold:

- Press **YES** to answer the incoming call and terminate the active call.
- Press **NO** to send a busy tone to the incoming call. If call divert is enabled, then the call will be forwarded to the designated phone.

See “Call handling options” on page 38 for how to manage ongoing calls with menu options.

Call divert

Incoming calls can be diverted to another number. See “Settings” on page 67 for more information.

Last call information

When all calls are ended, a call summary appears in the display for three seconds before returning to the default standby mode.



Using area information

Area information is an impersonal text message that is sent simultaneously to all subscribers in a certain cell of a network. The information may be a local road report or a local taxi phone number, depending on your network area and your list of predefined channels. The information appears in the display automatically when broadcast.

To activate area information or edit your list of predefined channels, see “Area information settings” on page 166.

Voice mail

If you subscribe to a Voice mail service, callers can leave a voice message when you cannot answer your calls. Depending on your network operator, you are informed that you have received a voice message in different ways.

When a voice mail number has been configured in your R380s, you can make a call to your voice mail service. See “Voicemail” on page 72 for more information on storing a voice mail number.

To make a call to your voice mail number:

- Flip closed, press and hold .

or

- Flip open, tap and hold .

A call is initiated to your voice mail number. If no voice mail number is stored, a ‘No voicemail number stored’ message appears in the display.

Note: *This service depends on your subscription and network operator. Further information about your Voice mail service can be found in the operating instructions supplied by your network operator.*



Phone menu

The Phone menu provides you with a number of options that can be selected, i.e. Lock keypad, Divert calls, etc. Other options become available when the first digit of a phone number is entered or if an active call is in progress.

To access the phone menu:

- From the standby mode, press . A list of phone menu options is displayed.



Tip! When accessing the phone menus press to return to the main menus or press and hold (2 seconds) to return to the standby mode.

Lock keypad

Selecting this option activates the keylock and returns the user to the standby screen with the keylock activator displayed. This is useful when carrying or transporting your activated R380s so that accidental key presses do not start a function or a call.

To lock the keypad:

- From the **Phone menu**, scroll to highlight **Lock keypad** and press .

To unlock the keypad:

- Press followed by .

Missed calls

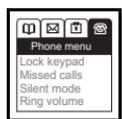
A list of calls that you have missed appears in the display in chronological order with the last missed call in first position.

To dial a missed call:

1. From the **Phone menu**, scroll to highlight **Missed calls** and press .
2. Scroll to a missed call in the list (arrows at the bottom of the display indicate that there are further entries above or below) and then press . The number is dialled automatically.
3. When you have finished the call, press . The R380s returns to the standby mode.

If you have pressed without initiating a call, the R380s will remain in phone menu standby mode with 'Missed calls' highlighted.

Note: You can also view the missed calls list in Flip open, see "Call" on page 57 for more information.



Silent mode

All sounds can be silenced without changing individual settings.

To activate the silent mode:

1. From the **Phone** menu, scroll  to highlight **Silent mode** and press .
2. Scroll to **On** and press .

All sounds are now muted. The R380s remains in phone menu standby mode with 'Silent mode' highlighted.

To re-instate sounds, repeat the above steps and select **Off**.

Tip! *You can also activate and deactivate Silent mode by pressing and holding .*

Ring volume

Ring volume is represented as a six-level sliding scale. The arrow keys are used for adjustment;  or  to increase the volume and  or  to decrease the volume. When using  or  the ring volume is adjusted silently. When using  or  the ring volume is heard when increasing and decreasing the volume.

To change the ring volume:

1. From the **Phone** menu, scroll  to highlight **Ring volume** and press  .
2. Use  or  to increase or  and  to decrease the volume level accordingly and then press   to save the new setting. The R380s remains in phone menu standby mode with 'Ring volume' highlighted.

Note: *The ring volume is represented as a six-level sliding scale, with the lowest value 0 being equivalent to turning the ring volume off.*

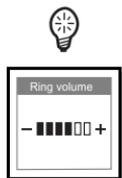
Tip! *When receiving an incoming call the ring volume setting can be adjusted silently using the volume slider key.*

Increasing ring

The increasing ring consists of two ring sequences at each ring volume level, starting at level 1 and going up to the maximum level (6). When turned off, the ring volume returns to the level that was set before the increasing ring function was originally turned on.

To activate an increasing ring:

1. From the **Phone** menu, scroll  to highlight **Increasing ring** and press  .



2. Scroll to **On** and press . The R380s remains in phone menu standby mode with 'Increasing ring' highlighted.

To deactivate increasing ring, repeat the above process and select **Off**.

Divert calls

Call Diversion for all calls can be switched on or off. The current status is initially highlighted when selected. The number to which calls are diverted will depend on the call diversion criteria set with the flip opened. See "Divert calls" on page 74.

To divert all calls:

1. From the **Phone menu**, scroll  to highlight **Divert calls** and press . A message appears in the display informing you that the phone is accessing the network.
2. Scroll to **On** and press . The R380s remains in phone menu standby mode with 'Divert calls' highlighted.

To end diverting calls, repeat the above process and select **Off**.

Infrared port

The infrared port is used for data communication via infrared with compatible devices such as a PC or another R380s. When selecting the infrared port, a message appears in the display indicating its status.

To activate the infrared port:

1. From the **Phone menu**, scroll  to highlight **Infrared port** and press . A message appears indicating the current status.
2. Press  to activate the infrared port.

The modem port deactivates automatically when it has not made contact with another device for a period of one minute.

The infrared port deactivates automatically after 10 minutes if no activity is detected.



Note: *Maximum recommended distance between infrared ports is 20 centimetres or 8 inches and they must also be at an angle of 30 degrees or less.*

Next incoming

If you have different numbers for voice and data calls, this is referred to as **multi numbering** and means that you can have two phone numbers in your network subscription. If you only have one number for all call types, this is referred to as **single numbering** and means that your SIM card does not support separate voice and data numbers, i.e. your R380s does not recognize what kind of a call you are receiving.

Next incoming allows you to change the setting so that you can receive a voice or data call. Once you have set your phone for a specific incoming call, it stays like this until you change it. The normal setting is **Voice**. When expecting a data incoming call you must therefore select **data**.

To change the next call type:

1. From the **Phone menu**, scroll  to highlight **Next incoming** and press .
2. Scroll to **Voice** or **Data** as required and press . The R380s remains in phone menu standby mode with 'Next incoming' highlighted.

Service numbers

If selected a list of network service numbers appear in the display, as provided by your network operator. Calls can be made to these numbers but you cannot edit or add numbers to the list.

To call a service number:

1. From the **Phone menu**, scroll  to highlight **Service numbers** and press .
2. Scroll to the required service and press .

Hide and show identity

Your number identity can be hidden or shown for the next call, depending on your subscription. Phone menu options only become available once a phone number has been entered.

To hide number identity:

1. Enter the phone number you want to call.
2. From the **Phone menu**, scroll  to highlight **Hide my number** and press . The R380s returns to the standby mode and initiates the call to the previously entered number.

To show number identity:

1. Enter the phone number you want to call.
2. From the **Phone menu**, scroll  to highlight **Show my number** and press . The R380s returns to the standby mode and initiates the call to the previously entered number.

Call handling options

When a call is active, and depending on the type of call in progress, there are a number of Phone menu options that become available. For example, with a conference call, more menu options become available with regards to conference call handling requirements. See the table below for more information.

Menu Option	Function
Release all	Terminates all calls.
Extract	Select a party in the conference to have a private conversation with.
Release	Select a party to be released from the conference.
Parties in conf	Displays the conference parties, by name or number if there is a matching entry in the contacts database and call line ID number.
Switch calls	Places an active call on hold and retrieves a held call.
Transfer calls	Connects two remote parties together, active and held calls, while disconnecting yourself. This is not available if a conference call is active.
Join calls	Joins an existing call to a conference, up to a maximum of 5 parties.
Release active	Terminates the active call.
Release held	Releases a held call.
Hold call	Places the current active call on hold.
DTMF tones	Allows DTMF tones to be muted while making a notepad entry during a call to prevent them from being audible to the other party.
Copy number	Copies the contents of the number entry window to the clipboard.
Paste number	Copies the contents of the clipboard to the number entry window.

Call holding

To put a call on hold and make another call:

1. From the **Phone menu**, scroll  to highlight **Hold call** and press  to put the active call on hold.
2. Enter the number of the person you want to include in the conference and press . The active call is now displayed above the held call.



Call switching

You can switch between an active call and a call on hold.

To switch between an active and a held call:

- From the **Phone** menu, scroll  to highlight **Switch calls** and press .

The active call is put on hold and the held call is made active.

Call transfer

You can transfer an active call to a call that is on hold, while disconnecting yourself from both calls.

To transfer an active call to a held call:

- With an active call in progress and a call on hold, scroll  to highlight **Transfer calls** in the **Phone** menu and press .

The active call is transferred to the held call and you are released from both calls.

Conference calls

You can join up to five separate calls so that individuals can communicate with each other at the same time. You can also join an individual call to a conference and split it from a conference.

To start a conference or add a participant to a conference:

- With an active call in progress and a call on hold, scroll  to highlight **Join calls** in the **Phone** menu and press .

To call and add a participant to a conference:

1. From the **Phone** menu, scroll  to highlight **Hold call** and press  to put the conference on hold.
2. Enter the number of the person you want to include in the conference and press . The active call is now displayed above the held conference call.
3. Press  to return to the **Phone** menu.
4. Scroll  to highlight **Join calls** and press .

The conference is once again active with the new participant added to it.

You can have a private conversation with one of the participants by extracting that participant from the conference and putting the others on hold.

To extract a call from a conference:

1. From the **Phone** menu, scroll  to highlight the extract option and press . A list of all parties engaged in the conference appears in the display.

2. Select the participant to be extracted and press . The extracted call is made active and the conference is put on hold.

You can put a conference on hold and make another call, and then switch between the new call and the conference.

To put the conference on hold and make a new call:

1. From the **Phone menu**, scroll  to highlight **Hold call** and press . The conference is put on hold.
2. Enter the number of the person you want to call and press . The display shows the active call with the on hold conference call below it.

To switch between the new call and the conference:

- From the **Phone menu**, scroll  to highlight **Switch calls** and press . The new call is put on hold and the conference is made active.

To switch back to the new call from the conference:

- From the **Phone menu**, scroll  to highlight **Switch calls** and press . The conference is put on hold and the new call is made active.

To end the new call and return to the conference:

- Make sure the new call is the active call and press  to disconnect the new call.
or
- Make sure the new call is the active call, scroll  to highlight **Release active** in the **Phone menu** and press . The call is ended.

To release a participant from a conference:

1. From the **Phone menu**, scroll  to highlight the release option and press . A list of all parties engaged in the conference appears in the display.
2. Select the party to be released and press . The call is ended.

To terminate a conference:

- From the **Phone menu**, scroll  to highlight **Release active** and press . The conference call is ended.



Calendar

The Calendar shows the current day's events, appointments and to do's. To do's are tasks that you have allocated yourself to do. When you scroll to view an event (an untimed commitment), appointment (a timed commitment) or to-do, you can use the left and right scroll buttons to see all of the description and, if a location is present, the location text enclosed in brackets.

See "Calendar" on page 115 for information on how to manage the Calendar with the flip open.

To access calendar:

1. Press until the date is highlighted, i.e. Today's date appears in the display below the main menus.
2. Press and scroll to the event you want to view.
3. Press to scroll the display horizontally in order to view all the description and location text associated with the event.

Tip! When accessing the Calendar press to return to the main menus or press and hold to return to the standby mode.

Tip! Opening the flip when accessing the Calendar provides you with a more detailed view.



Inbox

The Inbox also displays a list of received text messages via SMS or e-mail. See "Messaging" on page 93 for more information on how to manage your Inbox with the flip open and for more information on Notification logs. Whenever one or more e-mail and voice mail notifications exist, a Notification Log message appears in the Inbox.

To read a message:

1. Press until **Inbox** is highlighted.
2. Press and scroll to the message you want to view.
3. Press to select the message. The message appears in the display.
4. When the full message is not displayed, use to scroll to the end of the message.
5. To close the message, press .

Tip! If the message you selected contains an embedded phone number, use or to view and highlight the full telephone number, then press . Your R380s initiates a call to the number.





Tip! When accessing the Inbox you can press  to return to the main menus or press  and hold to return to the standby mode.

Tip! Opening the flip when accessing the Inbox will provide you with a more detailed view.

Phone book

The Phone book functions in your R380s allow you to easily access and communicate with business contacts and friends. You can scroll and select a contact you want to call.

The entries in your Phone book are the same as those stored in Contacts with the flip open. When viewing entries in the Phone book you are limited in the number of functions that you can perform. You can only access and initiate a call to the phone and mobile numbers or send DTMF numbers that are stored in the contacts record. See “Contacts” on page 83 for more information on how to create entries and manage your phone book with the flip open by using the Contacts program.

Note: Before you can view and access the SIM card phone book entries that you previously saved with another phone, **Import from SIM card** must be carried out from within Contacts (Flip open).

To access the phone book:

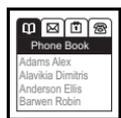
- Press  the **Phone book** key on your phone, or Press  until **Phone book** is highlighted.

To make a call using the phone book:

- From the **Phone book**, press . The first name in the Phone book is highlighted. If there is more than one name in the Phone book, scroll  to highlight a name in the list.

Note: If there are no entries in the Phone book this view cannot be selected.

- Press  to select the name. The contact details are displayed.
- Scroll  to highlight a number in the list.
- Press  to make the call.
- To end the call, press .





Tip! An alternative method of dialling is to press a specific digit key associated with the stored position of a number within the phone book SIM card and then press  to automatically dial the associated phone number, e.g. press  and  to dial the phone number stored in position 1 on the phone book SIM card. Furthermore, you can press and hold  to dial your voice mail.



Tip! Opening the flip when accessing the Phone book provides you with a more detailed view in Contacts.

Alarms

Clock alarm

When the alarm activates at the set time, an audible alarm is heard and a message appears in the display indicating the time. The alarm duration is two minutes and is repeated every nine minutes, if not switched off.

- Press  to accept and switch off the alarm.
- Press  to 'snooze' the alarm. The alarm is temporarily switched off for a period of nine minutes, at which time the alarm is repeated.

The maximum number of times the alarm can be repeated is 11 (10 snooze) before the alarm is automatically set to off.

Calendar alarm

When the alarm activates at the set time, an audible alarm is heard and a message appears in the display indicating the time and the message you entered for the calendar appointment/to do. The alarm duration is two minutes and is repeated after one minute, if not switched off.

- Press  to accept and switch off the alarm.

Warnings

Low battery warning

The warning is activated if the battery is low and a 'Low Battery' message appears in the display.

- Press  or  to acknowledge the warning.

Insufficient storage space warning

The warning is activated if there is insufficient storage space and an 'Insufficient data storage space' message appears in the display. The current store operation is cancelled.

- Press  or  to acknowledge the warning.

To free up storage space, you should delete unused or old: call logs; contacts; messages; to-dos or appointments; WAP history or bookmarks; Notepad notes.

Flip Open Guidelines

Operation of the various programs with the flip open is achieved by directly tapping the touchscreen with the stylus. The stylus is located in the holder on the battery. For information on how to start your R380s, see “Turning on and off” on page 12.

The stylus selection technique is generally described with the use of the word ‘tap’. Select is also used when there are a number of choices, for example in a list. For an introduction on how to use the flip open programs, see “Flip open” on page 14.

R380s Flip Open Set up

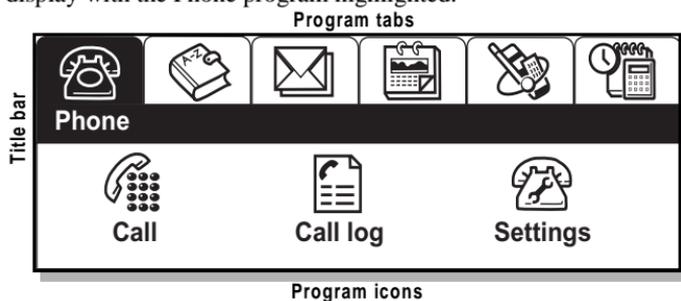
See “Initial settings” on page 16 for basic setup.

See “System” on page 160 for general and program setup.

See “Security” on page 21 for phone security setup.

The Desktop

When you open the flip for the first time, the desktop appears in the display with the Phone program highlighted.



The desktop has three sections:

- Program tabs in the upper section.
- The title bar directly under the tabs.
- Program icons in the lower section.

Program tabs

Program tabs contain six functions and settings groups in an indexed card format.



The program tabs are:

1. Phone, for telephone functions and settings.
2. Contacts, for contact functions.
3. Messaging, for various message functions.
4. Calendar, for agenda functions.
5. WAP Services, for Internet functions.
6. Extras, for additional tool functions, settings and a game.

Title bar

The title bar appears directly under the program tabs and indicates which program tab is currently selected. It has no function when tapped.

Program icons

Program icons start functions or enter settings that are shown in the lower section under the program tabs and title bar. Once a program icon has been tapped and started, a new display usually appears where toolbar icons are used to manage the program and navigation.

The toolbar

When a program icon is selected a toolbar appears to the right of the display. The toolbar can consist of up to five icons depending on the program you are in. Some toolbar icons are common to all programs, while others will only appear in specific programs.

Common toolbar icons in most programs are:

-  The desktop icon returns the display to the desktop.
-  The tasks icon displays a tasks pop-up menu. This allows you to perform a number of tasks on selection.
-  The view icon displays a view pop-up menu. This allows you to go to other views within the program.

Other useful toolbar icons:

-  Find – displays a view to enter information and search for it.
-  Save – saves and returns to the previously displayed level.
-  Cancel – returns to the previously displayed level. A cancel view is normally displayed giving you the choice as to whether or not you want to cancel and return to the previous view.
-  Back – returns to the previous view.
-  Next – tabs down or forward to the following input section.
-  Previous – tabs up or back to a preceding input section.

Some useful program specific icons:

-  Today – displays the view around the current date in Calendar.
-  New – displays a view for creating a new entry.
-  abc – displays the text entry keyboard.
-  123 – displays the number entry keyboard.
-  àéó – displays the special characters entry keyboard.
-  Call Waiting – appears when you have chosen Ignore from the Call Offering/Waiting view. The button returns you to the Call Offering/Waiting view.
-  Voice Dialling – appears if voice activated dialling is on. The button initiates speech recognition and prompts you to speak a voice command.
-  Back – returns you to the previous WAP services page (only available when more than one page has been visited).
-  Stop – allows you to stop downloading a WAP services page (only available when downloading).
-  ±12 – adds or removes 12 hours.
-  Alarm on – switches the alarm on.
-  Alarm off – switches the alarm off.
-  Play – plays ring signal melodies.

Note: *The list of program icons shown is not a complete list, but only a representation of icons that you may find useful. Other icons that appear in the toolbar are mainly program specific icons and are described in the relevant sections within this manual.*

Navigation

When moving between different desktop program tabs, the title bar and program icons change according to the respective program tab that is selected. The program tab is highlighted in the same dark shade as the title bar where the program name is shown in inverse video.

When working with different programs by tapping their icons, lower level menu functions or settings appear in the display. To return to the highest desktop level, tap  the desktop icon from within the program. Sometimes a combination of tapping  the save icon or  the cancel icon or  the back icon and then  the desktop icon may be required in order to return to the desktop. This is dependent on the menu level which has been reached.

Entering information

Flip open has different input methods which can be used to 'enter' information. These input methods are:

1. On-screen keyboards for text characters and digits, used to tap out information which then appears in the display.
2. Handwriting recognition, used to write in the display with the stylus and the information then appears in the display.

The on-screen keyboards

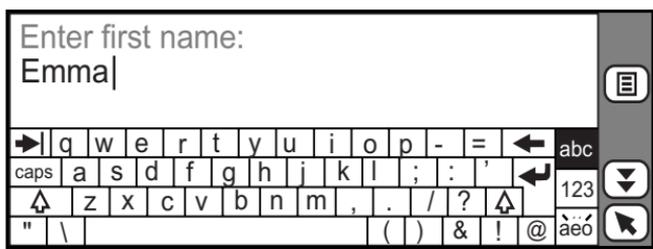
The on-screen keyboard consists of a text keypad, a numeric keypad, a special characters keypad, a phone number keypad, a security access keypad and number entry keypads which work in a similar way to traditional hardware keyboards.

The entry keypads cover the lower part of the screen and editing functions are available in  the tasks pop-up menu on the toolbar. Information entered appears on the top half of the screen directly under the entry section label.

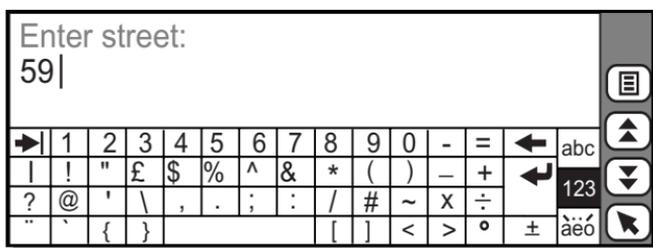


Tip! Remember to first tap the *Shift* key (for one letter) or the *Caps* key (for all letters) for uppercase or capital letters.

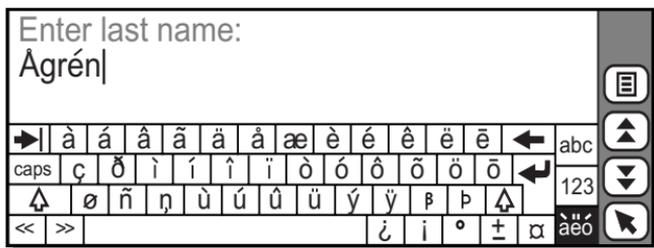
The text keypad



The numeric keypad



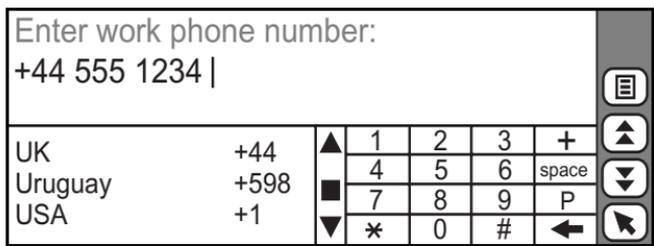
The special characters keypad



To enter information:

1. Tap out the required information with the keypad.
Switch between keypads by tapping text, numbers and special characters icons.
2. Tap to enter more information in the next field or back to view all entered information.
3. Tap to save the information.

The phone number keypad



To enter a phone number:

1. Scroll and select a country. The international dialling code for the country automatically appears in the display
2. Tap out the required phone number with the keypad.
3. Tap to enter more information in the next field or back to view all entered information.
4. Tap to save the information.

- Stylus strokes written in the right of the display are recognized as numbers.

Note: *You can write items such as telephone numbers, birthdays, and Social Security numbers entirely to the right of the display because handwriting recognition accepts parentheses, slashes, and dashes in the number writing area.*

- Most characters are written with a single stroke.
- Write accented (Western European) letters by writing an upper or lowercase letter, then write the accent mark to the right of the display.

You can enter the same character shape to write an upper and a lowercase letter, depending on where you write on the screen.

Natural character set

The character set in handwriting recognition is a “natural” combination of upper- and lowercase letters in addition to numbers, symbols, gestures and extended characters.

To write uppercase letters (character shape must extend to the left and right of the mode mark) and to write lowercase letters and symbols to the left of the display, see below.

Note: *Where necessary a dot indicates where to begin a stroke and numbers indicate the order of the strokes.*

a	a A A A	n	n n N N	period	.
b	b B B B	o	o O	comma	,
c	C	p	p P	apostrophe	'
d	d D D P	q	q Q	question	?
e	e E	r	r R R	exclamation	!
f	f F R	s	S	ampersand	& &
g	g G G G	t	t T T	at	@
h	h H H	u	u U	double quote	" "
i	i I I	v	v V U	tab	␣
j	j J J J	w	W	space	␣
k	k K	x	X ²	backspace	←
l	l L L	y	y Y	carriage return	↵
m	m M	z	Z Z		

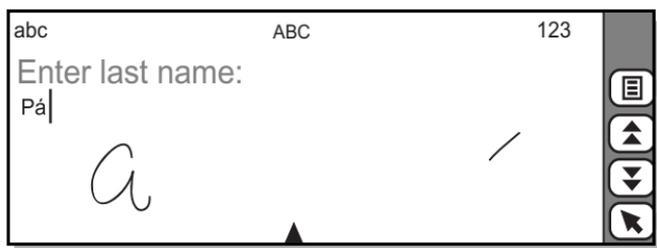
Note: *Tapping the display will reposition the cursor at the point of contact on the display. Tapping and holding for a short while enables text selection by dragging the stylus.*

Note: *Periods are not entered by a single tap, they are entered by a single stroke as shown above.*

Write numbers and the following symbols to the right of the display, as shown.

0	0 0	8	8 8	=	≡
1	1 1	9	9 9	period	.
2	2 2	+	+ ²	comma	,
3	3	*	* ²	dash	—
4	4 4 4	/	/	tilde	~
5	5 5 ²	\	\	backspace	←
6	6	((tab	⏏
7	7))		

Write accent marks to the right of the display after writing an upper- or lowercase letter.

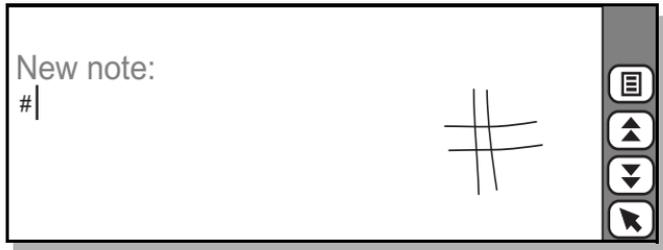


Handwriting recognition allows you to enter any of the following accent marks.

à	˘	â	^	ä	¨
á	˙	ã	~	å	ö

Extended character set

The extended character set consists of characters that require additional time to write before recognition occurs, e.g. # and %. The extended character gesture, a ↓ (stylus stroke from bottom to top) must be written to enter extended mode, signified by the disappearance of the letters at the top of the display and the mode marker. You can then write an extended character anywhere on the display.



To leave extended mode, write the extended character gesture ↓ or wait until the mode mark reappears.

Handwriting recognition allows you to enter any of the following extended characters.

.	∖	Ð	Ð ¹	°	○
,	└	Ð	Ð ¹	«	«
'	┐	ð	ð ¹	»	»
-	┌	Ø	Ø ^{1 2}
_	┐	ø	ø ^{1 2}	-	--
~	N	ß	ß	.	.-
@	©	μ	μ	┐	┐
<	<	¥	¥ ₂	,	┐
>	>			,	┐
((!	! ^{1 2}		-
))	?	? ₂	™	™
[[\$	\$ \$	œ	œ
]]	%	%	œ	œe
}	}	/	/	‰	‰
{	{	\	\	†	†
Æ	Æ	"	"	&	&
æ	æe	+	+	¹	
ç	ç ¹	:	:	²	2
ç	ç ^{1 2}	;	; ^{1 2}	³	3
à	à	=	=	±	±
ó	ó	#	#	x	x

,	┐	*	* *	÷	÷
¿	¿ ^{1 2}	£	£	¼	¼ ¼
¡	¡ ^{1 2}	¶	¶	½	½ ½
þ	þ	α	α ³	¾	¾ ¾
®	®	-	---	~	N
©	©	_	----	'	L
^	^	<	<	,	┐-
§	§	>	>	"	LL
¢	¢	f	f	"	┐┐
‡	‡	š	š	,	┐
...	...	š	š ₃	"	┐
•	•	^	^	€	C=

Using handwriting recognition

As an alternative to tap typing with the on-screen keyboard, handwriting recognition with the stylus can be chosen from  the tasks menu on the toolbar.

To select handwriting recognition:

1. Tap  tasks on the toolbar when entering information.
2. Select **Write** to activate handwriting recognition.
3. The display changes to the handwriting recognition screen.

Note: *After selecting Write, the alternative Type now appears in the tasks menu allowing you to change back to keyboard entry.*

4. Write the information in the required section of the screen, one character or number at a time.

Note: *Make sure to write in the correct screen area according to the information to be entered. The character writing areas are lowercase letters to the left, uppercase letters in the middle and numbers or digits to the right. Once the character is written it disappears from the screen and the software's interpretation appears in the display.*

Tip! *If you have difficulty in writing a particular letter, try writing it in the alternate case area, e.g. to write an uppercase D, write a lowercase d in the uppercase area.*

Tip! *To select a complete line of interpreted text, i.e. for deletion, tap and drag the stylus down at the far right of the input display (opposite the line of text). The text becomes highlighted.*

5. Tap  to enter more information in the next field or  back to view all entered information.
6. Tap  to save the information.

Note: *You can select character recognition as the default method of entering information into your R380s. See "To change the input settings:" on page 162 for more information.*



Warnings

With the flip open, warnings are displayed and handled slightly different than with the flip closed.

Low battery warning

The warning is activated if the battery is low and a 'Low Battery. Please replace your battery or connect a charger' message appears in the display.

- Tap **OK** to accept and dismiss the warning.

Insufficient storage space warning

The warning is activated if there is insufficient storage space and an 'Insufficient data storage space. Please remove unwanted data.' message appears in the display. The current store operation is cancelled.

- Tap **OK** to accept and dismiss the warning.

To free up storage space, you should delete unused or old: call logs; contacts; messages; to-dos or appointments; WAP history or bookmarks; Notepad notes.

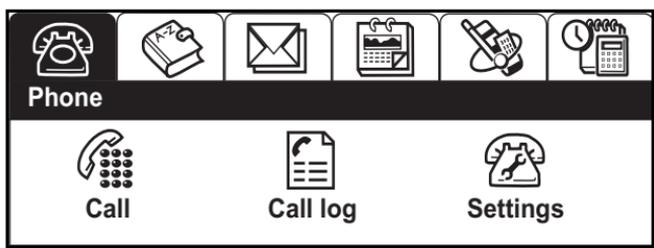


Phone

Phone functions with the flip open provide you with the means by which you can easily use phone functions and settings. You can make, receive and manage calls, check the call log and manipulate settings.

Note: *With the flip open your R380s provides you with greater functionality and viewing capabilities than that offered when the flip is closed.*

On selecting the Phone program tab, the desktop displays phone functions and settings icons.

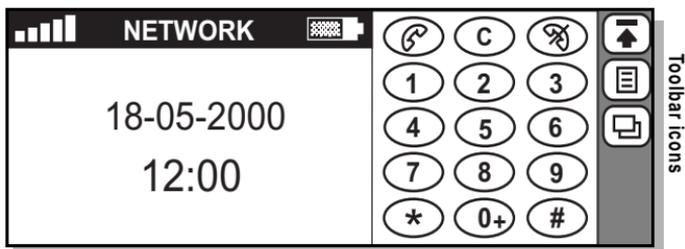


Call

Call allows you to dial, as you would with the flip closed. There are recognizable buttons to tap with the stylus. Furthermore, your R380s can be used in an office handsfree mode. See “Office handsfree mode” on page 65 for more information.

You can also send DTMF tones in a similar way to that described with the flip closed. For example, to enter the pause character p, tap and hold the stylus on the * character.

Call display



Tip! *The keypad (default on the right) can be moved and shown on the left instead via a control in the Settings menu. See “Global settings” on page 161 for more information.*

See “Flip Closed” on page 23 for a description of display indicators and keypad functions. See “The toolbar” on page 46 for a description of the desktop, tasks and view icons.



Tasks

In the standby mode the following tasks are available:

- **Last dialled numbers**, to display the last dialled numbers list and activate a call from the list.
- **Missed calls**, to display unanswered incoming calls.
- **Service numbers**, to display a list of network service numbers. Calls can be made to these numbers but you cannot edit or add numbers to the list.
- **Show/Hide my number**, to show or hide your calling number identity to the receiver when dialling out (only available when the phone number to be dialled is entered).
- **Lookup details**, option only appears when a single call is active and the other parties telephone number is present in the Contacts database. Selecting this option displays the detail view of the person’s record in Contacts. If there is more than one entry with the same telephone number, then only the first entry is shown.



View

The current view can be changed to either **Call log** or **Settings**.

Outgoing calls

During a call, the images and text displayed in the title bar and call status display are the same as those displayed with the flip closed.

To enter a number and make a call:

1. Tap in the area code and phone number on the keypad, which is simultaneously displayed in the window. The network, time and date disappear and the number you have dialled is shown.

Note: *To erase a single digit, press . To erase all digits, press and hold down  until the digits disappear.*

2. Tap  to dial the number. The display shows **Calling** (outgoing call initiated), followed by **Connecting** (a line has been allocated). When the call is answered, a flashing  appears in the display to show the line is active and a call time meter starts showing the elapsed time in minutes and seconds.
3. To end the call, tap .

Note: *The timer can show the elapsed time of the call in hours:minutes:seconds. The hour section does not appear until you have been connected for more than an hour.*

To note a number during a call:

1. Tap in the number on the keypad, which appears in the display.
2. Use , which appears below  as you make a note on the keypad, to toggle between the active call and the note. This note can be used after the call.

The phone functions available to you are the same as those available in flip closed. It is therefore possible to initiate all phone functions, for example speed dial to the number stored in the SIM card phone book by entering **1** followed by the call icon or **0 #** to bring up the last dialled numbers list.

Auto retry

If the connection of a call fails or the user is busy and the receiver's network acknowledges this, the display shows a message with the text **Retry?** for 20 seconds or until any other function is selected.

Select **Yes** if you want to retry dialling the number, or **No** if you do not. If you select **Yes**, the number will be re-dialled automatically until the call is answered or the maximum number of retry attempts has been reached. The type of connection failure (i.e. user busy, no answer) determines the number of retry attempts. If you press any key, or you receive a call, then the re-dialling is interrupted.

If the auto retry is successful, the R380s sounds a single ring tone.

Re-dialling

To redial the last number or a previous number you called:

1. Tap  or  and  or tap  and select **Last dialled numbers**.
2. The display shows the last dialled numbers list with the last dialled number highlighted. Use the up and down scroll arrows to scroll and select a number from the list.
3. Tap the entry in the last dialled numbers list to initiate the call.

International calls

When abroad, the international dialling prefix is required followed by the destination area code and number.

Note: *Do not include the leading zero for the area code when making an international call.*

To make an international call:

1. Tap and hold  until the international character + appears in the display. It is automatically replaced by the international prefix for the country you are calling from.
2. Enter the country code, the area code (excluding the leading zero) and the phone number.
3. Tap  to make the call.

Emergency calls

Provided a network is within range, the international emergency number may be called even if there is no SIM card in your R380s.

Tip! *Check with the local operator to find out which emergency call number is supported. The international emergency call number 112 is widely used and in the UK and Ireland the emergency call number is 999.*

To make an emergency call:

1. Enter 112 (the international emergency number) or 999 in the UK.
2. Tap . The text **Emergency call** is shown in the display.

Service numbers

If a list of service numbers is stored on your SIM card, you can initiate calls to these numbers, but you may not edit or add to the list.

To initiate a call to a service number:

1. Tap  and select **Service numbers**. The Service numbers view appears in the display.
2. Select the service you want to call.



Incoming calls

When you receive a call, the R380s rings. The “Incoming call:” view displays who is calling and asks you if you want to “Answer?”.

To answer the call:

- Tap **Yes** to answer the call. When the call is finished, tap .

To reject the call:

- Tap **No**. The call is rejected and a busy tone is sent to the caller.

To ignore the call:

- Select **Ignore**. The call notification continues and the telephone  button appears in the toolbar until the call is timed-out.

Note: *A data call cannot be answered as a voice call. Data information must be downloaded to a data compatible machine or service. The “Incoming call:” view reflects this and displays data in the message and asks you if you want to send a busy tone. Fax is not supported and cannot be answered.*

Muting the microphone

To temporarily disconnect the microphone during a call:

- Tap and hold  to mute the microphone. When released the microphone is re-connected.

To disconnect the microphone during a call:

- Tap  and select **Mute microphone**.  appears in the display.

To re-connect the microphone during a call:

- Tap  and select **Turn off mute** to resume the conversation.

On hold

On hold allows you to put a call that is in progress on hold.

To put a call on hold:

- Tap the number of the call that is in progress and select **Hold call** from the pop-up menu. Alternatively, you can tap  to put the active call on hold. The On hold icon  appears in the display.

To resume a call:

- Tap the number of the call that is on hold and select **Retrieve** from the pop-up menu. Alternatively, you can tap  to retrieve the held call.

Note: *If you tap  to end an active call when there is a call on hold a ‘Call on hold’ message appears asking ‘Retrieve held call?’. If you do not select **Yes** or **No** within five seconds the call is automatically ended.*

Call waiting

Call waiting allows you to manage incoming calls in a number of ways, while an active call is already in progress.

To place the active call on hold and answer the incoming call:

- Tap **Yes** in the “Incoming call:” view that appears in the display.

To send a busy tone to the incoming call:

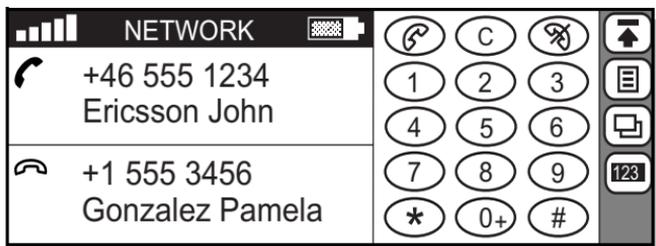
- Tap **No** in the “Incoming call:” view that appears in the display.

To ignore the incoming call:

- Tap **Ignore** in the “Incoming call:” view that appears in the display. The call notification continues and  the telephone button appears in the toolbar until the call is timed-out.

Call switching

You can switch between calls when you have two calls displayed in the view.



The split screen displays the active call  on the top screen and the on hold call  on the lower screen.

Note: *The active call is always displayed in the top section of the split screen.*

To switch between an active and held call:

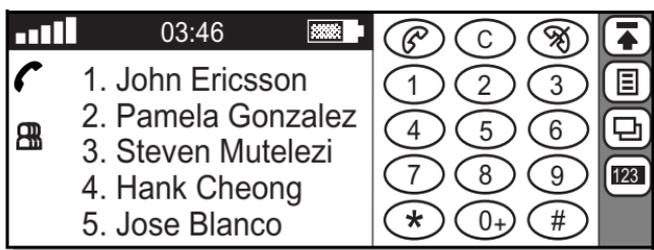
- Tap the number of the active call and select **Switch call** from the pop-up menu. The active call is put on hold and the held call is made active.
or
- Tap the number of the held call and select **Switch call** from the pop-up menu. The held call is made active and the active call is put on hold.

Conference calls

A conference occurs whenever you join two or more calls together so that individuals can communicate with each other at the same time, i.e. join an active call to a held call. An individual call can be 'joined' into a conference and 'extracted' from a conference. You can join up to five separate calls to form a conference.

To start the conference and join a held call to an active call:

- Tap the number of the active call and select **Join calls** from the pop-up menu.
or
- Tap the number of the held call and select **Join calls** from the pop-up menu.



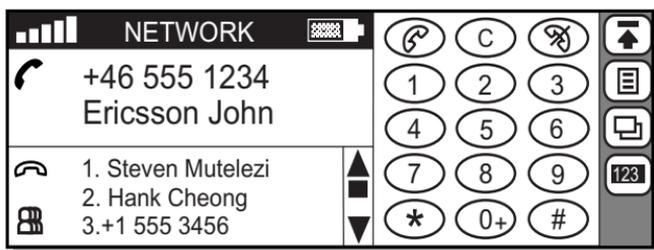
The Conference  icon appears in the display and conference members are pre-fixed by a single digit. The conference members are identified as follows:

- By name if there is a matching entry in the contacts database.
- By telephone number (if known).
- By call ID number.

Tapping a conference member displays options specific to that member i.e. Release, Extract. Tapping anywhere else in the area displays options which affect the call as a whole i.e. Release, Hold call, Retrieve.

To add a new participant to the conference:

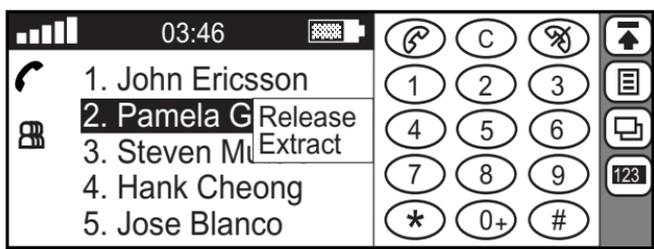
1. Tap the conference and select **Hold call** from the pop-up menu to put the conference on hold.
2. Enter the number of the person you want to include in the conference and tap . The split screen displays the active call  on the top screen and the conference call  on the lower screen.



3. Tap the number of the active call or tap the conference and select **Join calls** from the pop-up menu. The conference is once again active and the new participant is shown in the conference display.

To release a participant from the conference:

- Select the participant to be released and select **Release** from the pop-up menu.



- You can have a private conversation with one of the participants by extracting that participant from the conference and putting the others on hold.

To extract a call from a conference:

- Select the participant to be split from the conference and select **Extract** from the pop-up menu. The extracted call is made active and the conference is put on hold.

You can put a conference on hold and make another call, and then switch between the new call and the conference.

To make a new call and switch between the new call and the conference:

1. Tap the conference and select **Hold call** from the pop-up menu to put the conference on hold.

2. Enter the number of the person you want to call and tap  . The split screen displays the active call  on the top screen and the conference call  on the lower screen.
3. Tap the number of the new call and select **Hold call** from the pop-up menu. The new call is put on hold and the conference is made active.

or

Tap the conference and from the pop-up menu select **Retrieve**. The conference is made active and the new call is put on hold.

To end the new call and return to the conference:

- Tap the number of the new call and select **Release** from the pop-up menu. The new call ends.

To terminate a conference:

- Select the conference by tapping the display anywhere in the surrounding area of the individual members (not the members) and select **Release** from the pop-up menu. The conference ends.

Office handsfree mode

Office handsfree mode can only be started during an active call.

Warning! *Office handsfree mode is a volume level above the maximum phone volume and should not be used within an arm's length of your ears. See "Safe and Efficient Use" on page 192 for more information.*

To start the office handsfree mode:

1. Make sure the R380s is away from your ear, at arm's length.
2. Slide the volume slider upwards to the maximum volume setting. Slide upwards once more, a short beep indicates that office handsfree can be activated.
3. In quick succession, slide the volume slider upwards twice more from the maximum setting to start the office handsfree mode, i.e. two fast clicks. Two short beeps indicate that the handsfree mode is activating.

To stop the office handsfree mode:

Slide the volume slider downwards to stop office handsfree mode and return to maximum volume.

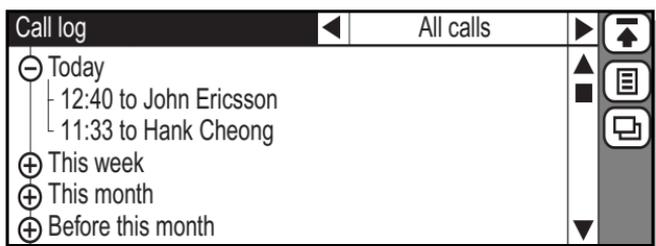
Note: *Office handsfree is automatically deactivated after a call.*





Call log

Call log details all incoming and outgoing calls and also provides a summary of total calls. Each call activity results in an entry in the call log, providing relevant information relating to the call.



The call log allows you to choose how you want the information to be displayed. You can choose whether you want to view **All calls**, **Incoming calls**, **Outgoing calls** or **Missed calls**. Furthermore, a directory allows you to access calls made **Today**, **This week**, **This month** or **Before this month**.

Note: *Only one directory can be open at any one time, i.e. if Today is open and you select This week this will cause Today to be closed.*

To view information relating to a call:

1. Tap **Call log** on the Phone desktop. The Call log view appears in the display.
2. Use the left and right scroll arrows at the top of the display to select **All calls**, **Incoming calls**, **Outgoing calls** or **Missed calls**.
3. Tap **Today**, **This week**, **This month** or **Before this month** to locate the call information you want to view.
4. Select the call. The following detailed information relating to the call appears in the display:
 - **Number:** The calling or called number and the corresponding name tag (if previously defined in the Contacts database or in the SIM card Phone Book).
 - **Time/Date:** The start time and date of the call.
 - **Status:** Incoming call [**Answered**, **Missed** or **Busy tone sent**]. Outgoing call [**Answered**, **Busy** or **No reply**].
 - **Call type:** Incoming call [**Speech** or **Data**]. Outgoing call [**Speech** or **Data**].
 - **Duration:** The total connection time of the call.

Note: *If the call is a Missed call, its duration is not displayed.*



To view a summary of total calls:

1. Tap **Call log** on the Phone desktop. The Call log view appears in the display.
2. Tap  and select **Total call times**. The Total call times view appears in the display providing the following information:
 - **All calls:** The total duration of all calls held in the log.
 - **Outgoing:** The total duration of all outgoing calls.
 - **Incoming:** The total duration of all incoming calls.

To reset all counters when in the Summary view:

3. Tap  and select **Reset all counters**, **Reset incoming counters** or **Reset outgoing counters**.

Settings

Settings lists a menu that allows you to change the various Telephony settings of your R380s.

To access settings:

- Tap **Settings** on the Phone desktop, or
- If you are in the Telephone standby or Call log view, tap  and select **Settings**.

The Telephony – Settings view appears in the display providing you with a scrolling directory of settings that you can change to suit your own personal requirements.

Sounds & alerts

Sounds and alerts allow you to customize how your R380s notifies you of an incoming call.

To access the sounds & alerts settings:

- Scroll and tap **Sounds & alerts** in the Telephony – Settings directory. The directory expands providing you with access to the following settings:
 - Ring controls.
 - Ring signals.
 - Minute minder.
 - My melodies.

To change the ring controls:

1. Tap **Ring controls** in the directory. The Ring controls view appears in the display.
2. To change the volume of the ringing tone, select **Ring volume:** and use the left and right scroll arrows to select **1** to **6** to set the required volume level. You also have the option to select **Off**.

3. To turn the increasing ring volume feature on or off, select **Increasing ring** and select **On** or **Off** . When **On**, the ring volume increases after two ring sequences at each level, starting at the lowest level (1) and going up to the maximum level (6).
4. To turn the vibrating alert on or off, select **Vibrating alert** and select **On**, **On when silent** or **Off**.

If **On when silent** is selected and the Ring volume is set to **Off** or the R380s is in Silent mode, then the R380s will vibrate on all incoming calls or messages.

5. To turn silent mode on or off, select **Silent mode** and select **On** or **Off**.
6. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

To change the ring signals:

1. Tap **Ring signals** in the directory. The Ring signals view appears in the display.
2. To change the type of ring for speech calls, select **Voice calls** and select a ring signal.
3. To change the type of ring for data calls, select **Data calls** and select a ring signal.
4. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

To turn the minute minder on or off:

1. Tap **Minute minder** in the directory. The Minute minder view appears in the display.
2. Tap the **Minute minder** and select **On** or **Off**.
If you select **On**, you will hear a beep once every minute during a call as a reminder of the duration of the ongoing call.
3. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

To edit my melodies:

1. Tap **My melodies** in the directory. The Edit my melody #1 view appears in the display, providing you with a melody in the upper area of the view and a keyboard in the lower. The **P** key allows you to add a short pause in the melody. Use the left arrow key to delete the last note in the melody, or all notes in the melody by pressing and holding the key. Press and hold a melody key to produce a long note.
2. To select a different melody from that displayed, tap  and select the melody you want to edit.
3. Edit the melody using the keyboard and keys as described in step 1.
4. To listen to the melody you have edited, tap the **Play**  button on the toolbar.

Note: *If Silent mode is activated you will not be able to hear the melody. Furthermore, if no melody exists the **Play**  button is not active.*

5. To edit other melodies repeat steps 2 to 4.
6. Tap  to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

Voice control

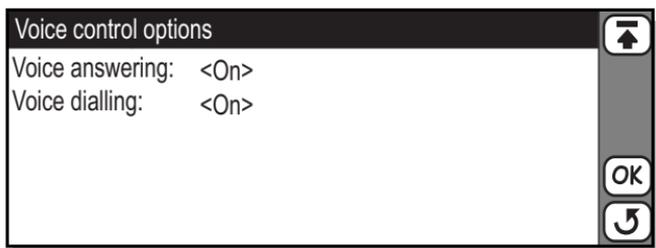
Voice control allows you to answer and dial using your voice. You can configure a maximum of ten voice commands and two answering commands, busy and answer.

To access the Voice control settings:

1. Scroll and tap **Voice control** in the Telephony – Settings directory. The directory expands providing you with access to the following settings:
 - Options.
 - Voice commands.

To turn Voice control on or off:

1. Tap **Options** in the Telephony – Settings directory. The Voice control options view appears in the display.



2. Select **Voice answering** and select **On** or **Off**.
3. Select **Voice dialling** and select **On** or **Off**.
4. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

To record an Answer or Busy voice command:

1. Tap **Voice commands** in the Telephony – Settings directory. The Voice commands view appears in the display.



2. To record a voice command for answering a call, or for when you are busy, select **Answer** or **Busy**. You are asked to “Speak after beep”.
3. Speak the command that you want to use. If speech is detected, you are asked “Accept voice command?”. Select **Yes** to save the command.

Note: *It is not possible to have only one of the Answer or Busy commands stored and the other undefined. If the phone has neither of the commands stored and the user initiates the recording sequence for one of them, then after successful completion of the first command, the second recording sequence is initiated.*

Note: *If a recording sequence is cancelled during the recording of one of the **Answer** or **Busy** commands, this will cause the deletion of both **Answer** and **Busy** commands.*

To record a new voice command or edit an existing voice command:

1. Tap **Voice commands** in the Telephony – Settings directory. The Voice commands view appears in the display.
2. To record a new voice command, tap  and select **New**. The New voice command view appears in the display.
Alternatively, you can edit an existing voice command, scroll and select the voice command you want to edit. The Edit voice command view appears in the display.
3. Select **Name:** and **Number:** and enter a name and phone number for the voice command or tap  and select **Lookup from contacts**. The Select contact view appears in the display. Use the left and right Alphabet scroll arrows and the up and down scroll arrows to select a contact.
4. Tap  and select **Record**.
If you have chosen to edit a voice command, you are warned that a voice command already exists and you are asked the question “**Overwrite?**”. Select **Yes** to proceed with recording a new voice command.
You are asked to “Speak after beep”.
5. Speak the command that you want to use for the contact. If speech is detected, a “Accept voice command?” view appears in the display. Select **Yes** to save the command. If no speech is detected, a “Speech not detected” message appears in the display asking you to try again. Select **OK**.
6. Tap  on the toolbar to implement and save the new settings. If no phone number has been entered then you are asked to “Please enter a phone number”. Select **OK** and enter a phone number. If no voice command has been recorded, a message appears in the display stating “Voice command not recorded” and asking “Record now?”. Select **Yes** and repeat step 5 to record a voice command. If **No** is selected or all fields contain an entry, then the display returns to the Voice commands view.

Note: *New voice command entries cannot be saved until a telephone number has been entered.*

To play a voice command:

1. Tap **Voice commands** in the Telephony – Settings directory. The Voice commands view appears in the display.
2. To play a voice command, scroll and select the voice command you want to play, tap  and select **Play**
3. When finished, tap  to return to the Voice commands view.

To delete a voice command:

1. Tap **Voice commands** in the Telephony – Settings directory. The Voice commands view appears in the display.
2. To delete the voice command and voice command information, scroll and select the voice command you want to delete, tap  and select **Delete whole entry**. A confirmation message appears in the display, select Yes. The display returns to the Voice commands view.
3. To delete only the voice command, scroll and select the voice command you want to delete, tap  and select **Delete voice tag**. Tap  to implement and save the new settings. The display returns to the Voice commands view.

Voicemail

You can easily call a predefined voicemail number and listen to your voicemail messages.

To enter or edit a voicemail number:

1. Scroll and tap **Voicemail** in the Telephony – Settings directory. The Voicemail view appears in the display.
2. To enter or edit a voice-mail number, select **Voicemail number:** and enter or edit the number.
3. Tap  to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

Note: *The number to your Voicemail service may be different if you are calling from a network that is not your home network. For more information about your Voicemail service, please refer to the information provided by your network operator.*

Call waiting

Call waiting allows you to receive a second call while another call is in progress.

To turn call waiting on or off:

1. Scroll and tap **Call waiting** in the Telephony – Settings directory. The Call waiting view appears in the display.

2. Select **Call waiting** and select **On** or **Off**.
3. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

Note: *Call waiting is a network setting that requires access to your network.*

Restrict calls

Restrict calls allows you to bar different types of outgoing and incoming calls.

To turn the restricting of outgoing and incoming calls on or off or to change the restrict calls password:

1. Scroll and tap **Restrict calls** in the Telephony – Settings directory. The Restrict calls view appears in the display.
2. To turn the restricting of all outgoing calls on or off, select **All outgoing** and select **On** or **Off**.
3. To turn the restricting of outgoing international calls on or off, select the **Outgoing international** and select **On** or **Off**.
4. To turn the restricting of outgoing international roaming calls on or off, select **Outgoing intl roaming** and select **On** or **Off**.
If selected **On**, then you will only be able to make calls to your own country when abroad.
5. To turn the restricting of incoming calls on or off, select **All incoming** and select **On** or **Off**.
6. To turn the restricting of incoming calls when roaming on or off, select **Incoming when roaming** and select **On** or **Off**.
7. To change the password associated with Restrict calls, tap **Change password** and select **Change password**. The Change password view appears in the display.
Enter your current password, followed by the new barring password and then enter the new password again for verification.
8. Tap **OK** to implement and save the new settings. If you have made any changes, you have to enter your password. If successful, the display returns to the current expanded directory in the Telephony – Settings view. If the password is incorrect, you will hear a beep sound.

Note: *Restrict calls is a network setting that requires access to your network.*

Divert calls

Divert calls allows you to change the settings of your conditional and all call divers. The all calls settings allow you to specify a single telephone number for each of the voice, data and fax calls you receive. The conditional settings (voice only) will let you specify a number to divert calls to:

- if you are already on the phone, **When busy**..
- if you do not answer within a specified time (operator dependent), **No reply**..
- if your R380s is turned off or if you are unreachable, **Not reachable**..

To access the call divert settings:

1. Scroll and tap **Divert calls** in the Telephony – Settings directory. The directory expands providing you with access to the following settings:
 - All calls.
 - Conditional.

To change the all calls voice/data/fax settings:

1. Tap **All calls** in the Telephony – Settings directory. The directory expands.
2. Tap **Voice**, **Data** or **Fax** in the directory. The All calls (Voice, Data or Fax) view appears in the display.
3. To change or enter a phone number that voice, data or fax calls are to be diverted to, select **Divert to**: and enter a number.
4. To turn the voice, data or fax call divert on or off, select the **Active** and select **On** or **Off**.
5. To refresh using the current network settings, tap  and select **Check divert status**.
6. Tap  to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

To change the conditional speech settings:

1. Tap **Conditional** in the Telephony – Settings directory. The directory expands.
2. Tap **Voice** in the directory. The Conditional call divert (voice) view appears in the display.
3. To change or enter a phone number that calls are to be diverted to when busy, select **When busy**: and enter a number.
4. To change or enter a phone number that calls are to be diverted to when there is no reply, select **No reply**: and enter a number.

5. To change or enter a phone number that calls are to be diverted to when you are unreachable, select **Not reachable:** and enter a number.
6. To turn the divert calls on or off for any of the above conditions, select the **Active:** relevant to the diversion criteria specified in steps 3 to 5 and select **On** or **Off**.
7. To refresh using the current network settings, tap  and select **Check divert status**.
8. Tap  to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

Note: *Divert calls is a network setting that requires access to your network.*

Networks

Networks allows you to search and select a network and to edit your preferred list of networks.

To access the networks settings:

1. Scroll and tap **Networks** in the Telephony – Settings directory. The directory expands providing you with access to the following settings:
 - Select network.
 - Search mode.
 - Edit preferred list.

To select a network:

1. Tap **Select network** in the Telephony – Settings directory. A message appears in the display asking you to wait while your R380s performs a network search. You can stop the search and return to the Telephony – Settings directory by tapping **Stop**. Otherwise, when the search is complete a Select network view appears in the display showing all available networks and their associated status:
 - **Current** – The currently registered network (highlighted).
 - **Home** – The home network.
 - **Preferred** – A network on the preferred list.
 - **Available** – A network which is not the current, home or preferred network, and not forbidden.
 - **Forbidden** – A network which is not allowed.

2. Select a network from the list and tap . A registration attempt is now made to this network. If successful, the display returns to the current expanded directory in the Telephony – Settings view.

To change the network search mode:

1. Tap **Search mode** in the Telephony – Settings directory. The Network search mode view appears in the display.
2. Select **Search mode:** and tap:
Automatic – your R380s, when switched on, searches for the last accessed network. If this is not available, it automatically starts searching for a network according to the preferred list of networks stored on your SIM card.
Manual – your R380s, when switched on, searches for the last accessed network. If this is not available, you are then presented with a message asking ‘Perform new search?’. Tap **Yes** to select a network as described above in “Select network”.
3. Tap  to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

To edit the preferred list:

1. Tap **Edit preferred list** in the Telephony – Settings directory. The Edit preferred list view appears in the display.
2. To add a known network to the list, tap  and select **Add network by name**. An Add network by name view displays a list of known networks which are not currently in the list.
Select a network and tap . The Edit preferred list view appears in the display with the new entry added to the list.
3. To add a new network to the list, tap  and select **Add network using codes**. An Add network using codes view appears in the display.
Select **Mobile country code:** and **Mobile network code:** and enter the relevant codes.
Tap . The Edit preferred list view appears in the display with the new entry at the bottom of the list.
4. To change the position of a network in the list, select the network. A view with the network name as its title appears in the display.
Select **Position:** and use the left and right scroll arrows to select a new position for the network to appear in the list.
Tap . The Edit preferred list view appears in the display with the network in its new position on the list.

5. To delete a network from the list, select the network. A view with the network name as its title appears in the display.

Tap  and select **Delete**. The network is deleted and the Edit preferred list view appears in the display with an updated network list.

Call meter

Note: *Call meter is only available in the Telephony – Settings directory if your SIM supports Advice of Charge. Cost information can only be displayed if it is supported by your network operator, if no cost information is available the R380s displays a message.*

Call meter allows you to select whether the cost or the time or the cost and time of a call appears on the display.

To set the call meter:

1. Tap **Call meter** in the Telephony – Settings directory. The Call meter view appears on the display.
2. To set the type of call meter, select **Display** and select **Cost**, **Time** or **Cost and time**. This setting allow you to specify the information displayed during an active voice call. If **Cost and time** is selected but there is insufficient room for both on the R380s display cost is shown.
3. Select **Credit Status** and then select **Limited** or **Unlimited**.
If the status is set to **Limited** you can set a credit limit, this is useful because the potential cost of calls can be restricted. The call meter shows decremental cost metering displaying the remaining credit. If the status is set to **Unlimited** the call meter shows incremental cost metering displaying the ongoing cost of the call.
4. Select **Remaining credit** (only available if **Limited** is selected for Credit status) and the enter your remaining credit limited.

Note: *If no value is entered into Remaining credit or the value is set to 0 an error message is displayed when you try to save the settings. Please enter a value for remaining credit.*

5. Select **Price per unit** and enter your networks unit cost.

Note: *Contact your network provider for the Price per unit if you are unsure.*

6. Select **Currency** and type a 3 letter currency code which represents your country, e.g. **GBP** represents Great Britain Pound.

Note: *If Price per unit is set to 1 the Currency field is unavailable and no currency code is displayed in the call meter during an active call. does not appear.*

Note: *Credit status, Remaining credit, Price per unit and Currency fields are all protected by PIN2, this can be obtained from your network operator.*

7. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony-Settings view

User greetings

User greetings allows you to select whether a default or personalized greeting appears in the display.

To change the user greeting:

1. Tap **User greeting** in the Telephony – Settings directory. The User greeting view appears in the display.
2. Select **Greeting** and then select **Standard** (ERICSSON logo is shown), **Off** (No greeting is shown) or **Custom text** (Text defined in the Text: field is shown).
3. To change the custom text greeting, select **Enter text:** and enter the text to be displayed, up to a maximum of 24 characters.
4. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

Keypad position

Keypad position allows you to select the orientation in which the keypad appears in the display with the flip open.

To change the Keypad position:

1. Tap **Keypad position** in the Telephony – Settings directory. The Keypad position view appears in the display.
2. Select **Keypad** and select **Left** or **Right**.
3. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

My numbers

My numbers allows you to read/store your own voice, data and fax numbers on your SIM card. If this is not possible, then the numbers are read/stored in your R380s.

To enter your own speech and data numbers:

1. Tap **My numbers** in the Telephony – Settings directory. The My numbers view appears in the display.
2. Select **Voice:** and enter your phone number (maximum of 20 digits).
3. Select **Data:** and enter your data number (maximum of 20 digits).
4. Select **Fax:** and enter your fax number (maximum of 20 digits).
5. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

Locks

Locks provides you with access to the functions which allow you protect your R380s from unauthorized use.

To access the locks settings:

Scroll and tap **Locks** in the Telephony – Settings directory. The directory expands providing you with access to the following settings:

- SIM card lock.
- Phone lock.
- Change phone lock code.
- Change PIN.
- Change PIN 2.

To turn the SIM card lock on or off:

1. Tap **SIM card lock** in the Telephony – Settings directory. The SIM card lock view appears in the display.
2. Select **SIM card lock:** and select **On** or **Off**.
3. Tap **OK** to implement and save the new settings. If you have made any changes, you have to enter your PIN. If successful, the display returns to the current expanded directory in the Telephony – Settings view. If the PIN is incorrect, you will hear a beep sound.

To change the phone lock setting:

1. Tap **Phone lock** in the Telephony – Settings directory. The Phone lock view appears in the display.
2. Select **Phone lock** and select **Off** (no action relating to the phone lock is performed), **Automatic** (the Phone lock is activated when the SIM card is changed) or **On** (always prompts for the lock code when switched on, before the SIM card check).

3. Tap **OK** to implement and save the new settings. If you have made any changes, you have to enter your lock code. If successful, the display returns to the current expanded directory in the Telephony – Settings view. If the lock code is incorrect, a “Wrong phone lock” error message appears in the display and you are returned to the Phone lock view.

To change the phone lock code:

1. Tap **Change phone Lock code** in the Telephony – Settings directory. A Change phone lock code view, with the text **Enter old code:**, appears in the display.
2. Enter your old phone lock code and tap **OK**. The text **Enter new code:** appears in the display.
3. Enter your new phone lock code and tap **OK**. The text **Repeat new code:** appears in the display.
4. Enter your new phone lock code again and tap **OK**. If the PIN is correct, a message appears in the display informing you that it has been changed. Select **OK**. The display then returns to the current expanded directory in the Telephony – Settings view. If any of the codes entered are incorrect, an error message appears in the display and the code is not changed. Select **OK**. The display returns to the current expanded directory in the Telephony – Settings view.

To change the PIN/PIN 2:

1. Tap **Change PIN/PIN 2** in the Telephony – Settings directory. A Change PIN view, with the text **Enter old PIN:**, appears in the display.
2. Enter your current PIN/PIN 2 and tap **OK**. The text **Enter new PIN:** appears in the display.
3. Enter your new PIN/PIN 2 and tap **OK**. The text **Repeat new PIN:** appears in the display.
4. Enter your new PIN/PIN 2 again and tap **OK**. If the PIN is correct, a message appears in the display informing you that it has been changed. Select **OK**. The display then returns to the current expanded directory in the Telephony – Settings view. If any of the PINs entered are incorrect, an error message appears in the display and the PIN is not changed. Select **OK**. The display returns to the current expanded directory in the Telephony – Settings view.

Handsfree equipment

Handsfree equipment settings allow you to select the way in which your R380s handles handsfree speech and the mode in which the R380s is answered when handsfree equipment is fitted.

To change the handsfree settings:

1. Tap **Handsfree equipment** in the Telephony – Settings directory. The Handsfree equipment view appears in the display.
2. To turn auto answering of a call on or off, select **Answering mode** and select **Normal**, **Any key** or **Automatic**.

Normal – you have to answer calls as normal.

Any key – you can answer an incoming call by pressing any key, except the  key.

Automatic – an incoming call is answered automatically after one ring signal.

3. To change the way in which your R380s can handle handsfree speech, select **Handsfree type** and select **Basic** or **Full**.

Basic – The R380s handles the call in semi-duplex mode. This means you cannot speak at the same time as the person at the other end of the line. Use this alternative only if Full handsfree does not work properly.

Full – The R380s handles the call in full-duplex mode. This means the quality of speech is increased considerably and is much clearer, since you do not have to wait until it is your turn to speak.

For Full handsfree to work properly, your phone adapts to the sound environment around the handsfree equipment. This adaptation might take a few calls. During this learning phase, the person you are talking to might hear an echo of his or her own voice (because the sound goes from the speaker into the microphone again). However, this disappears as the other person speaks. If the echo lasts longer than the first few calls, try Basic handsfree instead.



Tip! *Set the handsfree type to 'Full' first. If speech quality is poor, set to 'Basic' type instead.*

4. Tap  to implement and save the new settings. The display returns to the current expanded directory in the Telephony – Settings view.

Last dialled numbers list

Last dialled numbers list allows you to turn the storing of previously dialled numbers on or off.

To turn the Last dialled numbers list on or off:

1. Tap **Last dialled numbers list** in the Telephony – Settings directory. The Last dialled numbers list view appears in the display.
2. Select **Last dialled numbers list** and select **On** or **Off**. If **Off** is selected the current contents of the Last dialled numbers list is deleted.
3. Tap **OK** to implement and save the new settings. The display returns to the current expanded directory in Telephony – Settings.



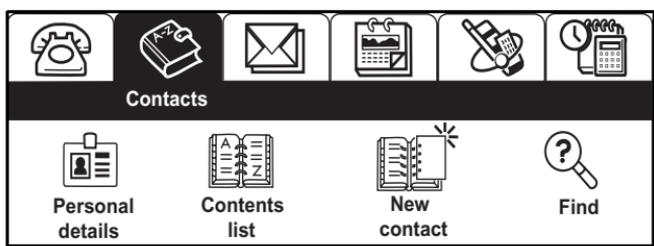
Contacts

The Contacts program in your R380s provides you with the means by which you can easily access and communicate with business contacts and friends. You can create, edit and store entries in the Contacts database, scroll and select contacts from a contents list, or alternatively, you can search for a specific name. The Phone book that you access with the flip closed, is created from the Contacts that you have stored in the R380s. Contacts allows you to access and store more detailed information with regards to an individual contact with the flip open: for example multiple numbers can be accessed and saved such as mobile, home and fax numbers per contact name.

Note: *When accessing contacts with the flip closed (phone book) you are limited in both your viewing and activating capabilities. You can only scroll to a contact, select a phone number and initiate a call.*

Four task-specific icons are designated in the Contacts desktop to enable you to perform these tasks:

- Personal details.
- Contents list.
- New contact.
- Find.



Personal details

The first time you use your R380s, you are advised to enter your personal details. The entry not only provides owner identification, but also allows you to send your personal details in the form of a Business card via infrared to another device. Furthermore, you can attach your personal details when carrying out messaging routines, i.e. sending e-mail, etc. See “New e-mail” on page 107.

To enter or edit your personal details:

1. Tap **Personal details** on the Contacts desktop.
If you have not entered any details, you are asked to create a new entry. The title bar contains the text 'Enter your personal details'.
Tap **Yes** to confirm that you want to enter your details.
After your Personal details have been entered, selection of the Personal details icon displays an Entry view containing your personal details.
2. Tap **<Enter first name>**. Enter your first name.
3. Tap  or  and select **<Enter last name>**.
Enter your last name.
4. Tap  or  and select **<Enter phone number>**.
Enter your work phone number.
5. Tap  or  and select **<Enter mobile number>**.
Enter your work mobile phone number.
6. Tap  or  and select **<Enter phone number>**.
Enter your home phone number.
7. If you want to add an additional phone number, select **<Add number>**. Select from the pop-up menu(s) the type of phone number to be added.
8. Continue to select and enter information for all other relevant fields for your personal details entry, such as e-mail address and company information.
9. Tap  to store the new entry in the Contacts database and return to the Contacts desktop.

Note: *At least one name field, <Enter first name>, <Enter last name> or <Enter company name>, must contain text before you can save the new entry in the database. Otherwise, a Warning message appears in the display.*



To send your personal details via infrared to another device:

1. Make sure your R380s's infrared port faces the infrared port of your target device.

Tip! *The maximum recommended distance between the infrared ports is 0.2 metre and they must also be at an angle of 30 degrees or less.*

2. Tap **Personal details** on the Contacts desktop. Your personal details entry appears in the display.
3. Tap  and select **Infrared send**.
4. The Infrared send progress view appears in the display. If, during transmission, you want to stop sending your personal details, select **Cancel**.
5. On completion, you are returned to your personal details view.

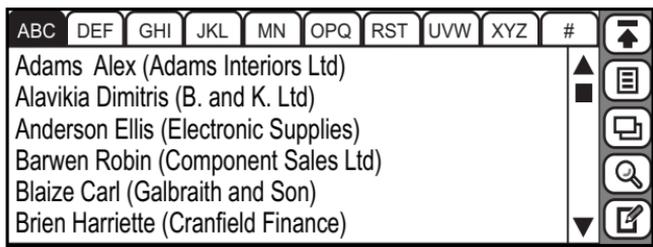


Contents list

The Contents list provides you with the means by which you can access all entries held in the Contacts database. However, when you select the Contents list on the Contacts desktop for the first time, an empty list appears in the display.

To access the contents list:

- Tap **Contents list** on the Contacts desktop.



Entries in Contacts are listed in alphabetical order and may be sorted according to the following predefined options:

- **Sort by first name**
- **Sort by last name**
- **Sort by company**

To change the sort order of the information displayed:

- Tap  and select the sort order option you want to apply to the Contents list.

Note: *The current setting will not appear as an option when  is selected.*

Similarly, when viewing Contacts entries the amount of information displayed can be changed using the following options:

- **Summary** - displays one line of information, consisting of the contacts name.
- **Detail** - displays a second line of information, consisting of the last contact method used for that entry. (By default this is the first contact method entered for that entry). If there are no contact methods available then **No contact method available** appears instead. The appropriate line from the Entry view appears in the display e.g. for a mobile number, the icon, the alias, the phone number and an SMS icon appear in the display. For e-mail, the e-mail address is listed with an e-mail icon.

To change the amount of information displayed:

- Tap  and select the option that displays the amount of information in a manner that meets your requirements.

Note: *The current setting will not appear as an option when  is selected.*

The Contents list provides a further two methods of entering a new entry into the Contacts database.

To create a new entry in the contents list:

1. Tap  and select **New entry** or tap .
2. Complete and save the New entry as described in “New contact” on page 91.

Accessing entries from within the Contents list allows you to perform a number of specific tasks on your Contacts database. You can make a phone call by tapping a phone number within an entry; access Messaging by selecting the e-mail address; create, edit and delete entries; send via infrared to, and receive entries via infrared from, another device; and import and export data to a SIM card.

To make a phone call from an entry in the contents list:

1. Select the relevant tab at the top of the display.
2. Scroll to the required name and select it.
3. Select the Contact method by tapping one of the phone numbers entered in the entry. The Telephony view appears in the display providing you with information regarding the phone number and contact’s name, whether or not the connection has been successful and an indication of the length of time you have been connected.
4. To end the call, tap .

To send an e-mail, SMS or fax via SMS message from an entry in the contents list:

1. Select the relevant tab at the top of the display.
2. Scroll to the required name and select it.
3. To send an e-mail, select the e-mail address. The New message view appears in the display allowing you to compose a message before sending it. See “Messaging” on page 93 for more information on sending e-mails.
4. To send an SMS message, select  <“mobile number”> SMS. The Create SMS view in the Messaging program appears in the display allowing you to compose an SMS message before sending it. See “Messaging” on page 93 for more information on sending SMS messages.
5. To send a Fax via SMS, select the fax number. The Create fax by SMS view within the Messaging program appears in the display allowing you to compose an SMS message before sending it. See “Messaging” on page 93 for more information on sending a Fax via SMS.

To access a WAP Internet address from an entry in the contents list:

1. Select the relevant tab at the top of the display.
2. Scroll to the required name and select it.
3. Select the WAP Internet address.

If an Internet Service Provider (ISP) connection is already established, the WAP services browser is opened displaying the page linked to that particular address.

Otherwise, an ISP connection is automatically established as the WAP services browser is opened and the page linked to that particular address appears in the display.

See “WAP Services” on page 124 for more information on using the WAP services browser.

Note: *There can only be one Internet address. If at any point there are two, one is deleted.*

To edit an entry in the contacts database:

1. Select the relevant tab at the top of the display.
2. Scroll to the required name and select it.
3. Tap the Title bar, or tap  and select **Edit**.
4. Scroll to a field that you want to edit and select it. Change or enter any new information.
5. Continue to select and edit. When finished, tap  to save your changes in the Contacts database.

To delete an entry in the contacts database:

1. Select the relevant tab at the top of the display.
2. Scroll to the required name and select it.
3. Tap  and select **Delete**.
The Delete Confirmation view appears in the display.
4. Tap the **Yes** button to confirm that the entry is to be deleted.
Otherwise, tap the **No** button to cancel the deletion of the selected entry.

Note: *If the Global Delete Preference is set to Do not confirm deletions then this confirmation view will not be displayed and the entry will be deleted.*

Electronic business cards

The Contents list provides a means by which you can send via infrared a specific entry to another device and also receive an entry that has been sent via infrared to you. The entry is inserted into the Contacts database.

To send an entry in the contacts database via infrared to another device:

1. Make sure your R380s infrared port faces the infrared port of the target device.

Tip! *Maximum recommended distance between infrared ports is 20 centimetres or 8 inches and they must also be at an angle of 30 degrees or less.*

2. Select the relevant tab at the top of the display.
3. Scroll to the required name and select it.
4. Tap  and select **Infrared send**.
5. The Infrared send progress view appears in the display. If during transmission you want to stop sending the entry, select **Cancel**.
6. On completion, you will be returned to the entry you selected.





To receive an entry via infrared from another device:

1. Make sure your R380s infrared port faces the infrared port of the target device.

Tip! *Maximum recommended distance between infrared ports is 20 centimetres or 8 inches and they must also be at an angle of 30 degrees or less.*

2. Tap  and select **Infrared receive**.
3. The Infrared receive progress view appears in the display. If during receipt, you want to stop receiving the entry, select **Cancel**.
4. On completion, you are returned to an appropriate view displaying the latest received entry.

SIM card

The Contents list within your R380s provides you with access to a secondary phone book located within your SIM card. Although the SIM card has limited function/storage, it allows you to export a list of phone numbers to the card, which you can then physically remove from the R380s.

To import one or all phone numbers from a SIM card into the contacts database:

1. Tap  and select **Import from SIM card**.

The Import from SIM card view appears in the display.



Import from SIM card	
1. Anderson Alex	+46 33 555 2525
2. Bernard Fernando	+55 51 555 8900
3. Dahlberg Suzie	+1 514 555 0234
4. Hasan Nasrin	+1 514 555 2324
5. Hinde Martin	0161 555 3490
6. Olsson Niki	+358 9 555 9001

2. To import a phone number, scroll to the entry you want to import and select it. A pop-up menu appears in the display providing you with the following options:
 - **Import as first name**
 - **Import as last name**
 - **Import as company name**

Select the option that meets your requirements.

3. To import all phone numbers, tap  and select **Import all as first name**, **Import all as last name** or **Import all as company name**.
4. The selection is then imported into your Contacts database and a message appears in the display confirming that import has been successful.

Note: *The newly created record(s) will have the imported phone number from the SIM card phone list entered as a mobile phone number as default. However, if the imported phone number is not a mobile number, you must re-assign the phone number to its correct label, i.e. work, home, etc. Otherwise, you will encounter problems should you try to send SMS messages to the phone number.*

To export a phone number from the contacts database to a SIM card:

1. Select the relevant tab at the top of the display.
2. Scroll to the required name and select it.
3. Tap  and select **Export to SIM card**.
4. The Select number to export view appears in the display containing a list of all phone numbers associated with the selected entry. From the list, select a phone number to be exported.
5. The Select SIM card position view showing the first empty SIM card location appears in the display (if any are available). Otherwise, a list appears in the display beginning with the first entry on the SIM card. Select the empty SIM card location, or if you want to over write an existing entry, tap that line.
6. If you have selected an empty SIM card location, then the entry is exported from the local Contacts database and a message appears in the display stating that the entry has been successfully exported. If you are replacing an existing entry, a Warning message appears in the display asking for confirmation that you want to overwrite this entry. Select the **Yes** button to over write and replace the selected entry with the exported entry.



New contact

New contact allows you to create and store a new entry in the Contacts database.

To create a new entry in Contacts:

1. Tap **New contact** on the Contacts desktop.
2. Tap **<Enter first name>** in the New entry view. Enter the first name and tap  to return to the New entry view.
3. Tap **<Enter last name>** in the New entry view. Enter the last name and tap  to return to the New entry view.
4. Continue to select and enter information for all other relevant fields for the entry being created, such as phone numbers, e-mail address and company information.

Note: *If required, you can specify additional phone numbers by tapping **<Add number>**. From the pop-up menus that are displayed you can select the type of phone and its location before entering the phone number. The type of phone can be **DTMF**, allowing you to store associated DTMF numbers that can be sent from within the Phone book or Contacts.*

5. Tap  to store the new entry in the Contacts database and return to the Contacts desktop.

Note: *At least one name field, **<Enter first name>**, **<Enter last name>** or **<Enter company name>**, must contain text before you can save the new entry in the database. Otherwise, a Warning message appears in the display.*



Find

Find allows you to search the Contacts database for an entry containing a specific text.

To search for an entry containing a specific text in the database:

1. Tap **Find** on the Contacts desktop.
2. Enter a name (or part of a name) and tap **OK** to start the search.
3. A Progress Message view appears in the display. If required, a **Stop** button allows you to interrupt the search and display the entries found up to the point of interruption. Otherwise, all results are displayed when the search is complete.

Tip!  *allows you to sort the search results by First Name, Last Name or Company. It also allows you to change between detailed or summarized information.*

4. Scroll to the entry you are looking for and select it. The database entry appears in the display.

Note: *If the entry you are looking for does not appear in the search results, you can carry out a further search by tapping  and entering new search criteria.*

5. To edit the entry you were looking for, tap  and select **Edit**. See “To edit an entry in the contacts database:” on page 88.

To call the number of the entry you were looking for, select the Contact Method.

To send an e-mail to the entry you were looking for, select the e-mail address. The New Message view appears in the display allowing you to compose a message before sending it. See “Messaging” on page 93” for more information on sending e-mails.



Messaging

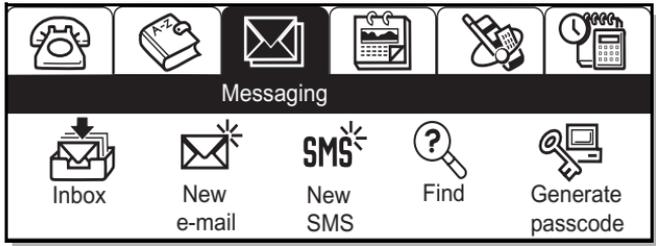
The Messaging program within your R380s allows you to send and receive a number of different types of message from your business contacts and friends.

Messaging provides access to various functions which enable you to create and send e-mail/SMS messages, receive and view e-mail/SMS messages, perform a search for specific messages and generate a secure access passcode.

Note: *Before you can start using the send and receive functions within Messaging, it is important that you configure your R380s to use this service. See “Messaging settings” on page 164 and “Service providers settings” on page 175 for further information.*

Five task-specific icons are designated in the Messaging desktop to help you to perform these tasks:

- Inbox.
- New e-mail.
- New SMS.
- Find.
- Generate passcode.



General

If you select  when in the Inbox, Outbox, Drafts and Sent items views you are presented with a pop-up menu that not only allows you to select the alternative views, as stated, but also to change the way in which the information appears in the display.

Messages can be sorted using the following predefined options:

- **Sort by name** – sorted in alphabetical order.
- **Sort by date** – sorted in descending order.

Similarly, the amount of information displayed can be changed using the following options:

- **Summary** – less detail.
- **Detail** – more detail.

Note: *The currently selected setting, Summary or Detail, will not appear as an option when the View menu is selected.*

Furthermore, messages can be filtered to display only specific types using the following options:

- **E-mail (& E-mail via SMS)**
- **SMS**
- **Fax via SMS (not Inbox)**
- **Auto configuration (Inbox only)**
- **Area Information (Inbox only)**
- **Notification log (Inbox only)**
- **Synchronised e-mail**

Note: *When the Filter by type command is chosen, the default setting of the Filter by type view will show all options as selected (filtered in). To remove an option that is not required, tap the item to deselect it (filter out).*



Inbox

The Inbox contains messages that have been received. Messages can be e-mail or SMS. The contents of the Inbox appear when you tap the Inbox icon. You can scroll through the contents of the Inbox using the scroll bar to the right of the display.

The Header Bar displays the number of messages in the Inbox and how many of them are unread. Each message displayed contains the sender's name or phone number and the date it was sent. Image icons are also used to indicate the type of message content and the status of the message. The following is a list of image icons used in the Messaging program.

Notification and Message content indicators:

-  – E-mail with no attachments.
-  – E-mail with attachments.
-  – Notification log (e-mail & voicemail notifications).
-  – E-mail notification saved on a SIM card.
-  – Multiple message type notification.

-  – Multiple message type notification saved on a SIM card.
-  – E-mail synchronization message.
-  – E-mail synchronization message with attachments.
- SMS** – SMS messages.
-  – SMS messages saved on a SIM card.
-  – Area information.
-  – Area information saved on SIM card.
-  – E-mail via SMS messages.
-  – Fax via SMS messages.
-  – Voice mail notification.
-  – Voice mail notification saved on SIM.
-  – Auto configuration message.
-  – Auto configuration message saved on SIM.

Message status indicators:

-  – Unread.
-  – Read.

Note: *Messages saved on a SIM card are read from the SIM card present when the phone is switched on. If these messages are deleted they are also permanently deleted from the SIM card,*

Note: *Your R380s will be configured to support either IMAP4 or POP3 protocol. As a result, the behaviour of your attachments will vary. If IMAP4 protocol is supported, attachments are not automatically downloaded. If POP3 protocol is supported, attachments are automatically downloaded.*

To initiate a call to the voice mail service with the flip open:

- Select the **Dial** button  on the toolbar. The Telephony view appears in the display and a call to the voice mail service is initiated.

Note: *The Dial button  will only appear if the voice mail number has been configured on your R380s.*

To initiate a call to the voice mail service with the flip closed:

- With **Dial?** shown in the display, press . The Telephony view appears in the display and a call to the voice mail service is initiated.

Note: *The  button, only functions if the voice mail number has been configured on your R380s.*

Get mail

The Message program in your R380s provides you with the means by which you can connect to a remote e-mail server. You can copy or move messages you have received from the Remote inbox on the server to the Local inbox in your R380s. You can also delete messages stored in the Remote inbox that you no longer want.

To copy or move new messages from the remote inbox to your local inbox:

1. Tap **Inbox** on the Messaging desktop. Alternatively, you can perform the remainder of the procedure if you are already in the Inbox, Outbox, Sent items or Drafts view.
2. Tap  and select **Connect**.

If you have more than one e-mail accounts, you are presented with a Select e-mail account view. Select an e-mail account and tap .

If you have more than one internet service provider, you are presented with a Select service provider view. Select the service provider to be used and tap .

A Progress Message view appears in the display informing you of the current status of the connection: Dialling....; Authenticating...; Connecting....; Sending....

Note: *If authentication is required, see “Authentication in dial-up access” on page 106 for more information.*

3. Select the message or messages, or tap  and select **Select all**.
4. Tap  and select **Copy to inbox** (a copy of the original message is retained on the server) or **Move to inbox** (original message is removed from the server).
5. On completion, tap  and select **Disconnect**. The remote server connection is severed and the messages appear in your Inbox. Alternatively, the connection is severed if no activity is detected over a period of time.

To delete messages in the Remote Inbox:

1. Tap **Inbox** on the Messaging desktop.
2. Tap  and select **Connect**.

If you have more than one e-mail accounts, you are presented with a Select e-mail account view. Select an e-mail account and tap .

If you have more than one internet service provider, you are presented with a Select service provider view. Select the service provider to be used and tap .

A Progress Message view appears in the display informing you of the current status of the connection: Dialling....; Authenticating....; Connecting....; Sending....

Note: *If authentication is required, see “Authentication in dial-up access” on page 106 for more information.*

3. The Remote inbox appears in the display containing a list of all messages. Select the message or messages or tap  and select **Select all**.
4. Tap  and select **Delete**. The Delete confirmation view appears in the display.
5. Tap **Yes** to confirm that the record is to be deleted. Otherwise, tap **No** to cancel the deletion of the selected messages.
6. On completion, tap  and select **Disconnect**. The remote server connection is severed and the Local Inbox appears in the display. Alternatively, the connection is severed if no activity is detected over a period of time.

Viewing a message

To view the contents of a message:

1. Select the message you want to view with the stylus. The message opens and appears in the view.

Note: *Phone numbers, URLs and e-mail addresses are supported within a message as hyperlinks.*

2. To hide/show the complete To: and Cc: of the message, tap  and select **Show detail** or **Hide detail** (the option is dependent on what is currently selected).
3. Having selected a message, you may find that embedded within the message is a file attachment. An image icon is used to indicate the type of attachment and a file name is enclosed within  brackets

The type of attachments supported by your R380s are:

-  – <vCard (personal details) attachment file> downloaded.
-  – <vCard (personal details) attachment file> not downloaded.
-  – <vCalendar attachment file> downloaded.
-  – <vCalendar attachment file> not downloaded.
-  – <text attachment file> downloaded.
-  – <text attachment file> not downloaded.
-  – <other attachment file> downloaded.
-  – <other attachment file> not downloaded.

Note: *If the message contains multiple attachments, a separate attachment icon indicates each attachment and its appropriate file name.*

Working with attachments you have received

To download an attachment:

1. Select the attachment and select **Download attachment** from the pop-up menu.
2. If the attachment is not held on your R380s, a progress message appears in the display during the retrieval process and a further message on completion. Once downloaded, the icon changes.

To add a vCard attachment to the contacts database:

1. With the vCard attachment downloaded and selected, tap  and select **Add sender to contacts**. The attached vCard appears in the Record view.
2. Tap  to accept the record for creation as an entry in the Contents list. Otherwise, tap  to cancel adding the record into the Contacts database and return to the message.

To add a vCalendar attachment as an entry in the calendar:

1. With the vCalendar attachment downloaded and selected, tap  and select **Add to calendar**. The attached vCalendar appears in the Appointment entry view.
2. Tap  to accept the record for creation as an entry in the Calendar. Otherwise, tap  to cancel adding the appointment as an entry in the Calendar and return to the message.

To view a text attachment:

- Select the attachment and select **View attachment** from the pop-up menu. The attachment is opened and its content appears in the display.

To delete an attachment from your R380s:

1. With the attachment downloaded and selected, tap  and select **Delete attachment**.
2. A message appears in the display stating “The attachment has been deleted from the device” and the attachment icon changes to indicate that the attachment is no longer held on the device.

Adding a sender to contacts

To add a sender to the contacts database:

1. With the e-mail or SMS message selected and the contents displayed in the Inbox view, tap  and select **Add sender to contacts**.
2. The display changes to the New entry view in Contacts and the name, address and phone number fields appear in the display. If the alias is present it will be placed in the name field, otherwise the field remains blank. The sender’s e-mail address is inserted into the e-mail address field.
3. Continue to enter information for all other relevant fields as described in “New contact” on page 91. On completion, the e-mail/SMS message appears in the display.

Reply

When in the Inbox view you can choose to reply to a message.

To reply to an e-mail or SMS message:

1. With the e-mail or SMS message selected and the contents displayed in the Inbox view, tap  and select **Reply** (reply to the sender) or if the message is an e-mail you can select **Reply to all** (reply to sender and recipients). The New message view appears in the display.
2. Tap **<Enter message>** and enter your message.
3. If you want to send an attachment with the reply, tap  and select the type of attachment. See “New e-mail” on page 107 for more information on the type of attachments that can be sent.
4. To send the reply, tap . If the message being sent is an e-mail, the Send confirmation view appears in the display. Select **Yes** to connect and forward the message immediately. Otherwise, select **No** to forward the message at a more convenient time. If the message is not forwarded immediately, it is placed in the Outbox.

Forward

When in the Inbox view you can choose to forward a message.

To forward an e-mail or SMS message:

1. Tap  and select **Forward**. The New Message view appears in the display.
2. Tap **<Enter recipients>** and use the left and right Alphabet scroll arrows and the up and down scroll arrows to the right of the screen to locate and select the recipient from the list of contacts.
3. If the intended recipient is not stored within your Contacts database, select  or  and enter the contact details for the recipient: an SMS phone number or an e-mail address.
4. If you intend to forward the message to more than one recipient, repeat steps 2 and 3 until all recipients have been selected.
5. To forward the message, tap . If the message being sent is an e-mail, the Send confirmation view appears in the display. Select **Yes** to connect and forward the message immediately. Otherwise, select **No** to forward the message at a more convenient time. If the message is not forwarded immediately, it is placed in the Outbox.

Save to SIM

When in the Inbox view you can choose to save a message on the SIM.

To save a received SMS message to your SIM card:

1. With the SMS message selected and the contents displayed in the Inbox view, tap  and select **Save** and press .

Messages that are saved on the SIM card remain there until you delete them.

Delete messages

When in the Inbox view you can choose to delete a message or all messages.

To delete a message from the inbox:

1. With the e-mail or SMS message selected and the contents displayed in the Inbox view, tap  and select **Delete**. The Delete confirmation view appears in the display.

Note: *If the Global delete preference is set to Do not confirm deletions then this confirmation view will not be displayed and the record will be deleted.*

2. Tap  to confirm that the record is to be deleted. Otherwise, tap  to cancel the deletion of the selected message.

To delete multiple messages from the inbox:

1. With all e-mail and SMS messages displayed in the Inbox view, tap  and select **Delete messages**. The Delete inbox messages view appears in the display.
2. Select the messages to be deleted or tap  and select **Select all**. Tap  to initiate the deletion process. The Delete confirmation view appears in the display.

Note: *If the Global delete preference is set to Do not confirm deletions then this confirmation view will not be displayed and the record will be deleted.*

3. Tap **Yes** to confirm that the records are to be deleted. Otherwise, tap **No** to cancel the deletion of the selected messages.

Edit message

When in the Inbox view you can edit a message.

To edit a message:

1. With the e-mail or SMS message selected and the contents displayed in the Inbox view, tap  and select **Edit**. The Message edit view appears in the display.
2. Select the required fields for editing:
 - Subject.
 - Message body.
 - Text attachments – select **Edit** or **Delete** from the pop-up menu. If your selection is edit then the text editor appears in the display.

Note: *All remaining fields cannot be edited.*

3. If you want to attach a file, tap  and select the type of file to be attached. See “New e-mail” on page 107 for more information on the type of attachments that can be sent.
4. When you have finished editing the message, tap .

Outbox

The Outbox contains e-mail that you have created but not yet sent. SMS messages that you have created or edited are normally sent immediately. However, if a message fails to be sent at all or only delivered to limited recipients, then the message is placed in the Outbox containing a list of failed recipients in the To recipients field. When in the Inbox, Drafts or Sent items view, the contents of the Outbox are displayed when you tap  and select **Outbox**.

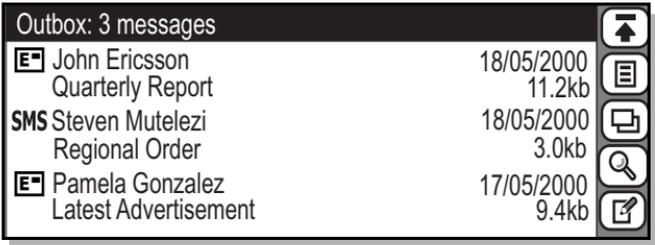
Select a message with the stylus to view its contents.

Send messages

When in the Outbox view you can choose to send a message or all messages you elected to dispatch later.

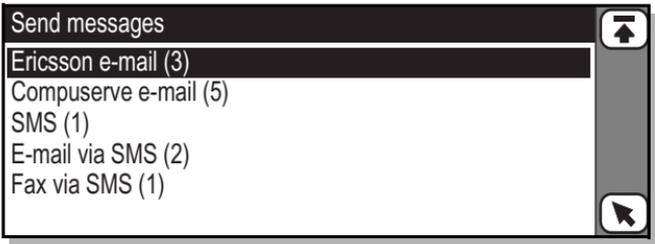
To send messages held in the outbox:

1. With the e-mail or SMS messages displayed in the Outbox view, tap  and select **Send messages**.



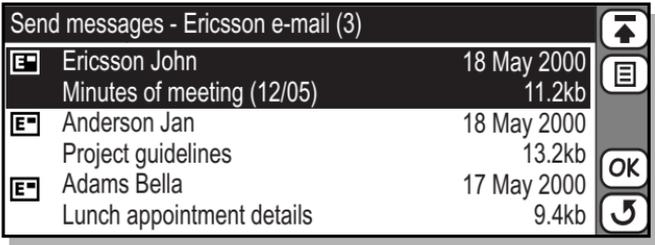
Outbox: 3 messages		
 John Ericsson	18/05/2000	
Quarterly Report	11.2kb	
 Steven Mutelezi	18/05/2000	
Regional Order	3.0kb	
 Pamela Gonzalez	17/05/2000	
Latest Advertisement	9.4kb	

The Send messages view appears displaying a list of the different types, and the number of each type, of messages being held in the Outbox.



Send messages
Ericsson e-mail (3)
CompuServe e-mail (5)
SMS (1)
E-mail via SMS (2)
Fax via SMS (1)

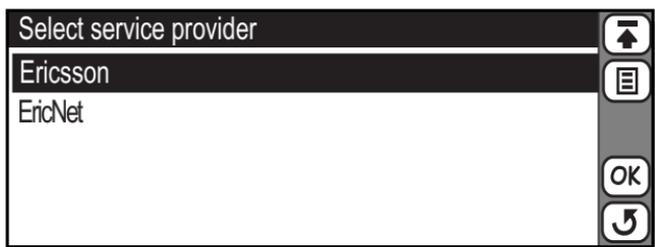
2. Tap the type of message to be sent. A Send messages view appears displaying a list of all messages for this type.



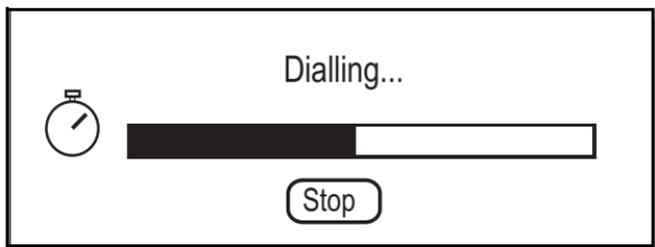
Send messages - Ericsson e-mail (3)		
 Ericsson John	18 May 2000	
Minutes of meeting (12/05)	11.2kb	
 Anderson Jan	18 May 2000	
Project guidelines	13.2kb	
 Adams Bella	17 May 2000	
Lunch appointment details	9.4kb	

Tap the messages to be sent or tap  and select **Select all**. Tap  to initiate the sending of the selected messages.

3. If you have more than one internet service provider, then the Select service provider view appears in the display so that you can choose a provider. Select a service provider from the list and tap .



4. A Progress message view appears in the display informing you of the current status of the connection: Dialling....; Authenticating....; Connecting....; Sending....



Note: *If authentication is required, see “Authentication in dial-up access” on page 106 for more information.*

On completion of the messages being sent you are returned to the Send messages view. If you have further messages to send, select the type and proceed as previously described.

To send a message you are viewing in outbox:

- With the e-mail or SMS message selected and the contents displayed in the Outbox view, tap  and select **Send**.
If the message being sent is an e-mail, the Send confirmation view appears in the display. Select **Yes** to connect and forward the message immediately. Otherwise, select **No** to forward the message at a more convenient time. If the message is not forwarded immediately, it remains in the Outbox.
If the message is an SMS message it is sent immediately.

The remainder of the procedure is the same as that described in steps 3 to 5 for sending messages.

Edit message

When in the Outbox view you can edit a message.

To edit a message:

1. With the e-mail or SMS message selected and the contents displayed in the Outbox view, tap  and select **Edit**. The Message edit view appears in the display.
2. Select the required fields for editing.
3. If you want to attach a file, tap  and select the type of file to be attached. See “New e-mail” on page 107 for more information on the type of attachments that can be sent.
4. When you have finished editing the message, tap . You are returned to the Outbox record view.

Forward messages

When in the Outbox view you can choose to forward a message. See “Inbox” on page 94 for more information on forwarding messages.

Save message to SIM

When in the Outbox view you can choose to save a message to the SIM. See “Inbox” on page 94 for more information on saving messages on the SIM.

Delete message

When in the Outbox view you can choose to delete a message or all messages. See “Inbox” on page 94 for more information on deleting messages.

Sent items

Sent items contains e-mail and SMS messages that have been sent. When in the Inbox or Outbox view, the contents of the Sent items appear in the display when you tap  and select **Sent items**.

To view the contents of a sent message:

1. Select the message you want to view with the stylus. The message opens and appears in the view.
2. To hide/show the complete To and Cc of the message, tap  and select **Show detail** or **Hide detail** (the option is dependent on what is currently selected).

Edit message

When in the Sent items view you can choose to edit a message for re-sending. See Inbox “Edit message” on page 101 for more information on editing messages. To send a message that has been edited, tap  and select **Forward**.

Delete messages

When in the Sent items view you can choose to delete a message or all messages. See “Inbox” on page 94 for more information on deleting messages.

Forward message

When in the Sent items view you can choose to forward a message. See “Inbox” on page 94 for more information on forwarding messages.

Save message to SIM

When in the Sent items view you can choose to save a message to the SIM. See “Inbox” on page 94 for more information on saving messages on the SIM.

Drafts

The Drafts folder allows you to store messages which are not complete. You can also move a message from the Outbox folder to the Drafts folder.

To move a message from the outbox folder:

- Select the message to be moved, tap  and select **Move to drafts**. The message is moved and the Drafts view appears in the display.

To view a message for editing:

1. Select the message to be edited. The message opens in the Message edit view.
2. Select and edit the message fields as required.
3. To add an attachment, tap  and select **Attach personal details**, **Attach contact**, **Attach calendar entry** and **Attach to do**.
4. To send the message, tap . If the message being sent is an e-mail, the Send confirmation view appears in the display. Select **Yes** to connect and forward the message immediately. Otherwise, select **No** to forward the message at a more convenient time. If the message is not forwarded immediately, it is placed in the Outbox.

To delete a message from drafts:

1. With the e-mail or SMS message selected and the contents displayed in the Inbox view, tap  and select **Delete**. The Delete confirmation view appears in the display.

Note: *If the Global delete preference is set to Do not confirm deletions then this confirmation view will not be displayed and the record will be deleted.*

2. Tap **Yes** to confirm that the record is to be deleted. Otherwise, tap **No** to cancel the deletion of the selected message.

Authentication in dial-up access

Static password

If a ‘Static password’ has been defined in the ISP settings, then authentication will be performed using the stored User name and Password.

Access security “strong authentication”

Your R380s has built in one-time password generators, which enable secure automatic connection to the corporate network for e-mail and WAP services.

Your R380s supports authentication software from RSA Security (Product name: RSA SecurID) and from Secure Computing (Product name: SafeWord).

When you need access to a network requiring “strong authentication”, an authentication PIN view is presented and you are prompted to enter your PIN number.

Note: *RSA SecurID is based on both the R380s and the network server using UTC as a time reference when generating one-time passcodes. The R380s uses the concept of home and destination time. The home time is always set to the time zone where you “live” and the destination time is supposed to be set to the time zone where you currently are. The R380s has one internal clock, which is always set to UTC and the home and destination times are stored as time zone offsets. See “Clock” on page 152 for more information on time zones. If the R380s and the network server are not synchronised you will not be able to access corporate services, such as e-mail, etc. To ensure that RSA SecureID works correctly, you must set the time for your R380s to match your currently selected time zone setting.*

Manual login

Your R380s also supports manual login, which means that a User name view and a Password view are presented and you are prompted to enter your User name and Password.



New e-mail

New e-mail allows you to create and send new e-mail messages.

To create and send a new e-mail message:

1. Tap **New e-mail** on the Messaging desktop or if you are in the Inbox, Outbox, Drafts or Sent items view tap  and select **New e-mail**. The Message edit view appears in the display.
2. Tap **<Enter recipients>** and use the left and right Alphabet scroll arrows and the up and down scroll arrows to the right of the screen to locate and select the recipient.
3. If the intended recipient is not stored within your Contacts database, select  and enter the recipients e-mail address.

Note: *You can send an e-mail to more than one recipient by repeating step 2 or 3. Each recipient must be separated by a semi-colon(;).*

4. If you want to copy the message to another recipient, tap **<Enter Cc recipients>** and use the left and right Alphabet scroll arrows and the up and down scroll arrows to locate and select the recipient.
5. If the intended recipient is not stored within your Contacts database, carry out step 3.

Note: *You can copy an e-mail to more than one recipient by repeating step 4 or 5. Each recipient must be separated by a semi-colon(;).*

6. Tap  and select **<Enter subject>** or tap . Enter your message.
7. If you want to send the e-mail via an account that is different from that shown as the default (the last account used), tap  and select **Account:** or tap . The pop-up menu displays a list of accounts that you defined in the e-mail settings. Select an account.
8. Tap  and select **<Enter message>** or tap .
9. Enter your message and tap .
10. If you want to send an attachment, tap  and select the type of file to be attached. The pop-up menu has four alternatives which you can choose from:
 - **Attach personal details** – This option initiates the attaching of your personal details in vCard format.
 - **Attach contact** – This option allows you to select a Contacts record from the Select contacts attachment list that appears in the display. Use the left and right Alphabet scroll arrows and the up and down scroll arrows to the right of the screen to locate the record and select it.

- **Attach calendar entry** – This option allows you to select an Appointment or All day event from the Select entry attachment list that appears in the display. Use the left and right Date scroll arrows and the up and down scroll arrows to the right of the screen to locate the calendar entry and select it. If the entry is a recurring event, then an “Attach which occurrences” message appears in the display. Select **All** to attach all occurrences or **This one** to attach the specific entry you selected.
- **Attach to do** – This option allows you to select a Calendar to do from the Select to do attachment list that appears in the display. Use the up and down scroll arrows to the right of the screen to locate the To do and select it.

11. To send the e-mail, tap **OK**. The Send confirmation view appears in the display. Select **Yes** to connect and forward the message immediately. Otherwise, select **No** to forward the message at a more convenient time. If the message is not forwarded immediately, it is placed in the Outbox.

Note: *If a connection to an Internet Service Provider (ISP) is currently open and this is different to the your preferred ISP, a confirmation message is presented asking if you want to disconnect from the current ISP and connect to the preferred ISP. Selection of the Yes button will disconnect the current ISP and reconnect to the preferred ISP and send the message. Selection of the No button maintains the connection to the current ISP and places the message in the Outbox. If no selection is made, the confirmation message times-out after a few seconds and the e-mail is placed in the Outbox.*

Sending mail from a PC mail account

If you choose a PC mail account, the e-mail is placed in the Outbox folder of your R380s. The next time you synchronize your R380s with the computer that has the same account, the e-mail is transferred to the Outbox folder of the mail program of your computer. If the computer is connected to a network or mail server, the e-mail is automatically sent and placed in the Sent folder.

Forwarding or replying to a PC mail message

When forwarding or replying to a PC mail it will normally be sent as described above. Should you want to forward or reply to the message before you next synchronize with your PC, you may do so by selecting a non-PC mail account.

Note: *If you synchronise with your work e-mail and then reply using internet e-mail, your message will be transmitted over the internet and will be less secure. It may be possible to access the same account as your PC sync mail with dial-up networking.*

To immediately forward or send a reply to a PC mail message from your R380s:

1. From the Inbox view, tap the required PC sync e-mail message with the stylus. The message opens and appears in the display.
2. Tap  and select **Forward**, **Reply**, or **Reply to all**. The New message view appears in the display.
3. Select **Account:** and change the account to one that is not a PC mail account.
4. Change the **To:/Cc:** to an e-mail address that can be used with the selected account.

Tip! *PC mail uses a different addressing scheme, e.g My Colleague (Sales) </O=MyCompany/CN=ColleagueCode>, and must be changed to the MyColleague@MyCompany.com style of addressing.*

Tap **To:/Cc:** and clear the existing address by tapping , then tapping  and selecting **Clear all**.

Enter an e-mail address for the recipient or tap  and select the recipient from the list of contacts.

5. Scroll to the subject header and message text, tap and edit as required.

Note: *The cursor is placed at the end of the text.*

6. To send the message, tap . The Send confirmation view appears in the display. Select **Yes** to connect and send the message immediately.

Otherwise, select **No** to forward the message at a more convenient time. The message is placed in the Outbox and is sent the next time you send messages from that account.

PC mail accounts and e-mail accounts

When you enter a name in the PC mail account text box on your computer, an account with the same name is created in your R380s the first time you synchronize. All e-mails in your computer will be synchronized with the e-mails marked with that specific account in your R380s. See “Synchronizing your R380s” on page 185 for more information on synchronizing.



If you have access to more than one computer, it is essential that you specify different accounts (called PC mail accounts) with different names for each computer. For example, you have a computer at work and one at home. The computer at work has the account Work and the computer at home has the account Home. When you synchronize, only the e-mails marked with that specific account are synchronized. You can therefore be sure that e-mails associated with different computers will not be mixed up when synchronizing.

Different accounts can also be created in your R380s (called e-mail accounts). These accounts contain the logon details to your ISP (Internet Service Provider). See “E-mail account settings” on page 169 for more information on creating new accounts.

When you create a new e-mail in your R380s, you have to choose an account name from a list, which contains all the accounts created on different computers (PC mail accounts) as well as the ones created in you R380s (e-mail accounts).

New SMS

New SMS allows you to create new SMS messages.

To create and send a new SMS:

1. Tap **New SMS** on the Messaging desktop or if you are in the Inbox, Outbox, Drafts or Sent items view tap  and select **New SMS**. The Message Edit view appears in the display.
2. Tap **<Enter recipients>** and use the left and right Alphabet scroll arrows and the up and down scroll arrows to the right of the screen to locate and select the recipient.
3. If the intended recipient is not stored within your Contacts database, select  and enter the recipient's mobile number.

Note: *You can send an SMS to more than one recipient by repeating step 2 or 3. Each recipient must be separated by a semi-colon(;).*

4. Tap  and select **<Request reply >**. Select **Yes** or **No** from the pop-up menu that appears in the display.
If **Yes** is selected the recipient is requested to reply to your SMS message.
5. Select **<Validity period >**. Select the period in which the message is to remain valid from the pop-up menu that appears in the display.
6. Select **<Enter message>** and enter your message.

7. To send the SMS message, tap **OK**. If the message is not sent or is only delivered to some of the recipients, then an appropriate warning message appears in the display and the message is placed in the Outbox folder. You can also see a list of recipients who failed to receive the message.

Note: *Having created a long SMS message you may find that you have exceeded the character limit. If the limit is exceeded, a message will appear asking if you want to send the message as multiple messages. Selection of **Yes** will temporarily change the settings allowing the message to be sent as multiple messages. On completion of sending the SMS, the setting is reverted to its original setting. See “SMS settings” on page 165 for more information on (multiple messages) concatenation settings. If **No** is selected, then you are returned to the New SMS view so that you can modify the message.*

New e-mail or fax via SMS

To create a new e-mail or fax and send it via SMS:

1. When in the Inbox, Outbox, Drafts or Sent items view, tap **☰** and select **New e-mail via SMS** or **New fax via SMS**. The Message edit view appears in the display.
2. Tap **<Enter recipients>** and use the left and right Alphabet scroll arrows and the up and down scroll arrows to the right of the screen to locate and select the recipient.
3. If the intended recipient is not stored within your Contacts database, select **abc** and enter the recipient's e-mail address or select **123** and enter the recipient's fax number.

Note: *You can send an e-mail/fax via SMS to more than one recipient by repeating step 2 or 3. Each recipient must be separated by a semi-colon(;).*

4. Select **<Enter message>** and enter your message.
5. To send the e-mail or fax via SMS, tap **OK**. If the message is not sent or is only delivered to some of the recipients, then an appropriate warning message appears in the display and the message is placed in the Outbox folder. You can also see a list of recipients who failed to receive the message.



Find

Find allows you to search for a specific message in all folders within messaging. A search can also be initiated locally within a folder by selecting . This will initiate the search in that folder only, e.g. Inbox.

To search for a specific entry in Messaging:

1. Tap **Find** on the Messaging desktop.
2. Enter a name (or part of a name) and tap  to initiate the search. The search is not case sensitive.
3. A search is then performed on the following fields of all messages: To:, From:, Cc:, Subject: and the message body. Attachments are not searched.
4. The Progress Message view appears in the display. If required, a  button allows you to interrupt the search and display the entries found up to the point of interruption. Otherwise, all results appear in the display when the search is complete.



Tip!  allows you to sort the search results by Date/Name and to filter the search by specifying type. It also allows you to change between detailed or summarized information.

5. Scroll to the message you were looking for and select it. The message appears in its appropriate view, i.e. if the message is stored in the Sent items folder, it is displayed in the Sent items view.

Note: *If the entry you are looking for does not appear in the search results you can carry out a further search by tapping  and entering a new search criteria.*

Note: *Attachments are not searched.*

Generate passcode

Generate passcode allows you to initiate the generating of an access passcode (one-time passcode).

To generate an access passcode:

1. Tap **Generate passcode** on the Messaging desktop. The Generate access passcode view appears in the display.
2. Enter a Soft Token PIN code and tap  on the toolbar. The passcode is displayed and copied to the clipboard, select **OK**.



Note: *The passcode copied to the clipboard can be used, i.e. when in the WAP browser, by selecting the Paste command.*

Note: *Generate passcode is only valid if the setup of secure access has been performed. If secure access setup has not been performed, then you will see the message “To generate a password you must first enter the access password settings”. Select OK.*

Area information or SMS message notification

If you receive area information or a SMS message notification when either the flip is opened or closed, the message immediately appears in that view. If you then close the flip or open the flip (depending on the current status), the area information or a SMS message notification continues to be displayed in the subsequent view until you have read the message.

Note: *SMS message notifications appear in a similar format to area information messages, except the message header is ‘Message’.*

If the message text exceeds the display, use  (Flip closed) or  and  (Flip open) to view the remaining text.

When you have read the message you can dismiss the message using one of the following methods:

- With the Flip open, select **OK**.
- With the Flip closed, press  or .

If the message contains embedded links and is available in the Inbox (if configured to be saved), then you can re-open the message in the Flip open view and initiate a link by tapping the link with the stylus.

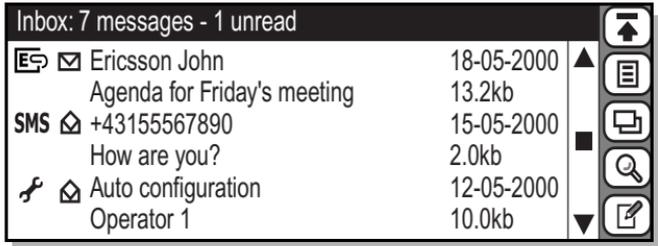
Note: *Short SMS messages are stored in the Inbox as SMS messages. If area information has been configured to be stored, then it is also stored in the Inbox.*

Auto configuration

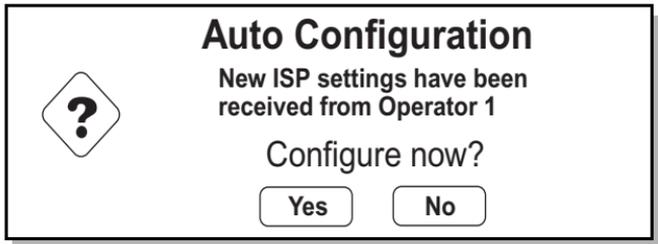
Whenever you receive new auto configuration settings for your R380s, an auto configuration icon  along with the text “Auto configuration” appears in your Inbox.

To auto configure your R380s:

1. Select the auto configuration message in the Inbox.



2. The Auto configuration message view appears in the display providing you with a brief text message and operator identification.



3. The brief text message displays the type of setting to be configured, **ISP settings**, **Script settings**, **E-mail settings**, **SMS settings**, **Voicemail settings**, **WAP settings** or **WAP bookmarks** and also the text “Configure now?”. To initiate the auto configuration, select **Yes**. To perform the auto configuration later, select **No**.



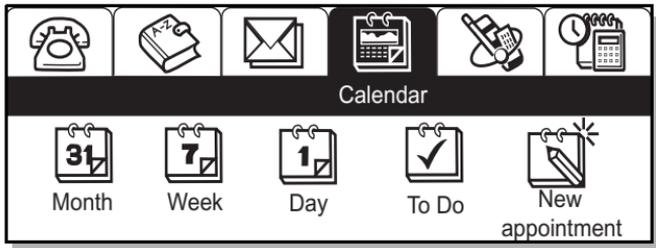
Calendar

Calendar, with the flip open, consists of an appointment book and a to-do list. It has five views, a month view, a week view, a day view, a to-do view and a new appointment view. You have the option of choosing whether you want the week to start on Sunday or Monday. You can create, edit and delete appointments, to-do items and all day events and also create recurring appointments. You can set how far in advance of an appointment or to-do you want the reminder to activate.

Calendar provides access to the various functions which enable you to enter details regarding All day events, Appointments and create To do items.

Five task-specific icons are designated in the Calendar desktop to enable you to perform these tasks:

- Month.
- Week.
- Day.
- To do.
- New appointment.





Month view

When you select **Month** from the top level menu, you are presented with the view for the current month.

2000	May							
Wk	M	T	W	T	F	S	S	
18	01	02	03	04	05	06	07	
19	08	09	10	11	12	13	14	
20	15	16	17	18	19	20	21	
21	22	23	24	25	26	27	28	
22	29	30	31	01	02	03	04	
23	05	06	07	08	09	10	11	

The year and month appear in the title bar at the top of the display. To display/choose from a list of years, tap the year. You can move to the previous and next month by selecting the left and right arrows.

The week numbers are displayed down the left-hand side. If you select a week number, then the week view for that week appears in the display.

The current day is shown in inverse video and days that are not part of the current month are shown in grey. If you select any day, then the day view for that day appears in the display, except those dates which are shown in grey and are outside the calendar date range.

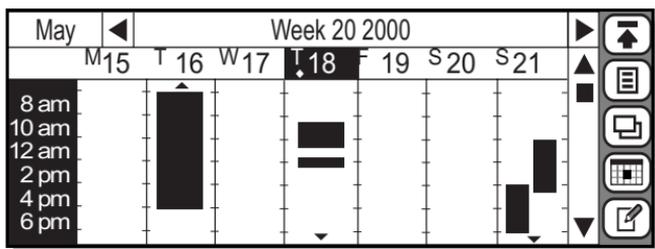
Days on which there are appointments are shown with a box next to the date. Days that have all day events are shown with a diamond next to the date.

See “The toolbar” on page 46 for information on toolbar icons and their functions.



Week view

When you select **Week** from the top level menu, you are presented with the view for the current week.



The month and week number are displayed in the title bar at the top of the display. You can move to the previous and next week by selecting the left and right arrows. Selecting the month takes you to the month view.

The days of the week (one-letter abbreviation for each day of the week) and date appear below the title bar. Selecting a day/date causes the day view for that day to appear in the display.

The time of day is shown on the left-hand side of the display in two-hour increments.

Appointment areas are shown in black. Selecting a black area causes the appointment to appear in the display. Selecting an area that is not black causes the Create appointment view to appear in the display, allowing you to create a new appointment.

A small black diamond shaped marker at the top of a particular day denotes an All day event.

A small arrow at the top of the week appointment area indicates that an appointment starts before the time shown at the top of that particular day. A small arrow at the bottom indicates that there is an appointment that ends after the last shown time for that day. You can scroll to these areas using the scroll bar to the left of the toolbar.

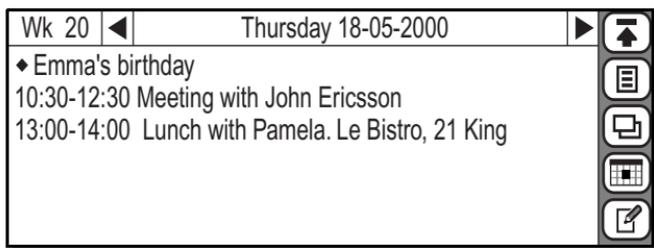
The icons on the toolbar have similar functions to those described previously.



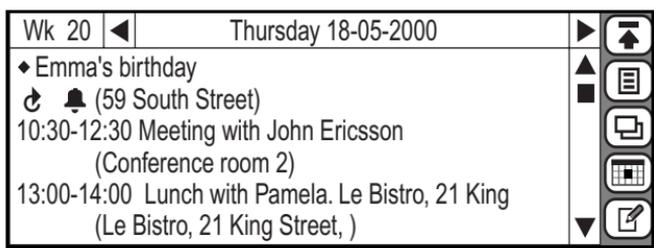
Day view

When you select **Day** from the top level menu, you are presented with the view for the current day. Alternatively, when you select  and **Day view** from the pop-up menu, when in the Month or Week view, the first day of the currently viewed month or week is displayed.

The day and date and week number are displayed in the title bar at the top of the display. You can move to the previous and next day by selecting the left and right arrows. Selecting the week takes you to the week associated with the day you are viewing.



The display can be viewed in summary view, shown above, or detail view, shown below.



You can select either of these views by selecting  and then your preference from the menu, i.e detail or summary.

Note: *The current setting does not appear as an option when  is selected.*



To do

When you select **To do** from the top level menu, depending on your settings, you are presented with the To do list in either Summary view or Detail view.

To do's are listed by those not completed first, in chronological order, followed by completed to do's.

Uncompleted to do's are shown with an empty box next to them. Completed to do's have a tick in the box.

When you have completed a to do, select the empty box and a tick is entered automatically. Clicking the box again deletes the tick.



New appointment

The New appointment view can be displayed from the Calendar top level menu by selecting **New appointment**. It can also be displayed from the Month, Week, Today and To Do views by selecting the **New** button  or by selecting  and then selecting **New appointment**.

To enter details relating to the new appointment:

1. Select **<Appointment>** and a pop-up menu gives you the option of selecting Appointment or All day event.
2. Select **<Enter description>** and enter a subject description of the appointment.
3. Tap  and select **<Location>** or tap . Enter a description of the location.
4. Tap  and select the **Start:** date field or tap . A calendar appears in the display allowing you to select the start date of the appointment.
5. Use the left and right scroll arrows to select the year and month. Then select the day of the month the appointment is to start.
6. Tap  and select the **Start:** time field or tap . A clock appears in the display allowing you to select the start time of the appointment.
7. Use the up and down scroll arrows to select the start time of the appointment.
8. Tap  and select the **End:** date field or tap . A calendar appears in the display allowing you to select the end date of the appointment.
9. Use the left and right scroll arrows to select the year and month. Then select the day of the month the appointment is to end.

10. Tap  and select the **End:** time field or tap . A clock appears in the display allowing you to select the start time of the appointment.
11. Use the up and down scroll arrows to select the end time of the appointment.
12. Tap . The New appointment view appears in the display showing the details you have selected.
13. If you want to be reminded of the appointment, select **Reminder:** and select **On** from the pop-up menu. The **Time before:** field now appears in the display, select the time period that you want to be reminded before the appointment.
14. Select **Notes:** and enter a brief description about any other information you may need for the appointment.
15. If you want the appointment to be repeated, tap **<None>** and select **Daily**, **Weekly**, **Monthly by date**, **Monthly by week day** or **Yearly**. The **Interval:** and **Until:** fields now appear in the display. Select the interval and the end date of the repeat.
16. When you are happy with your selections for the appointment, tap . You now go back to the Calendar top level menu.

Working with the calendar

Creating an all day event

Creating a new all day event is very similar to that of creating an appointment, the only difference being that you do not have to set the start and end times. If Reminder is set to On, Remind at date and time fields appear in the display.

Creating a to do

The New to do view can be displayed from the Month, Week, Today and to do views by selecting  and then selecting **New to do**. Alternatively, you can select  the **New** button when in the To Do view.

To enter details relating to a new to do:

1. Select **<Enter description>** and enter a subject description of the To do.
2. Tap  and select **Due:** or tap . A calendar appears in the display allowing you to select the due date of the To do.
3. Use the left and right scroll arrows to select the year and month. Then select the day of the month for the To do.
4. Tap . The New to do view appears in the display showing the details you have selected.

5. If you want to be reminded of the to do, select **Reminder:** and select **On** from the pop-up menu. The default is **Off**.
6. If **Reminder:** is set to **On**, select the **Remind at:** date and time fields and use the up and down scroll arrows to select the date and time of the reminder.
7. Select **Notes:** and enter a brief description about any other information you may need for the To do entry.
8. When you are happy with your selections for the To do, tap **OK**. The To do list appears in the display.

Editing calendar entries

To edit a calendar entry:

1. Select an entry from one of the Calendar views. The details of the entry appear in the display.
2. Tap **ⓘ** and select the type of editing you require from the pop-up menu.
 - **Edit** - only available if the Appointment or All day event is not recurring.
 - **Edit this occurrence** - only available if the Appointment or All day event is recurring. Resets the **Repeat:** field to **None** and any changes are applied to this occurrence only.
 - **Edit all occurrences** - only available if the Appointment or All day event is recurring. Changes are applied to all occurrences.

The Edit view appears in the display.

Alternatively, you can tap the title bar. If the entry is not recurring the Edit view appears in the display. If the entry is recurring a 'Repeating appointment' message appears asking 'Change which occurrences?'. Select **All** to apply changes to all occurrences or **This one** to apply changes to this occurrence only.

3. Edit the entry as required then tap **OK**.

Deleting calendar entries

To delete a calendar entry:

1. Select an entry from one of the Calendar views. The details of the entry appears in the display.
2. Tap  and select the type of delete you require from the pop-up menu.
 - **Delete** - only available if the Appointment or All day event is not recurring.
 - **Delete this occurrence** - only available if the Appointment or All day event is recurring.
 - **Delete all occurrences** - only available if the Appointment or All day event is recurring.

The Confirm delete view appears in the display.

Note: *If the Global delete preference is set to Do not confirm deletions then this confirmation view will not be displayed and the record will be deleted.*

3. Tap the **Yes** button to confirm that the Calendar entry is to be deleted. Otherwise, tap the **No** button to cancel deletion of the selected entry.

Cleaning up the calendar

The Cleanup view allows you to delete entries older than a specified date and can be performed from either the Month, Week, Today and To Do views.

To clean up the calendar:

1. From the Month, Week, Today or To Do view, tap  and select **Cleanup**. The Clean up calendar entries view appears in the display.
2. Select how old the entries are to be before they are deleted and the type(s) of entry to be deleted.
3. Select **OK** to initiate the cleanup process. The Confirm delete view appears in the display.
4. Tap the **Yes** button to confirm that the entries defined in the cleanup view are to be deleted. Otherwise, tap the **No** button to cancel the deletion.

Sending and receiving appointments, all day events and to dos

You can send a specific Calendar event via infrared to another device and also receive an event that has been sent via infrared to you. You can either accept the event into the Calendar or discard it.

To send an appointment, all day event or to do via infrared to another device:

1. Select the relevant Appointment, All day event or To do.
2. Tap  and select the type of send via infrared you require from the pop-up menu.
 - **Infrared send** - only available if the Appointment or All day event is not recurring.
 - **Infrared send this occurrence** - only available if the Appointment or All day event is recurring. Initiates the sending of this occurrence only.
 - **Infrared send all occurrences** - only available if the Appointment or All day event is recurring. Initiates the sending of all occurrences of this entry.
3. The Send via infrared progress view appears in the display. If, during transmission, you want to stop sending the event, select **Cancel**.
4. On completion, you go back to the event you selected.

To receive via infrared an entry from another device:

1. Tap  and select **Infrared receive**.
2. The Receive via infrared progress view appears in the display. If, during receipt, you want to stop receiving the entry, select **Cancel**.
3. On completion, you go back to an appropriate view displaying the latest received record.

Switching off a calendar alarm

When the alarm activates at the set time, an audible alarm is heard and a message appears in the display indicting the time and the message you entered for the calendar appointment/to do. The alarm duration is two minutes and is repeated after one minute, if not switched off.

- Tap **OK** to accept and switch off the alarm.



WAP Services

WAP Services is a program providing the functionality required to browse the Internet. It consists of an Internet browser using a standard called Wireless Application Protocol (WAP) and a language called Wireless Mark-up Language (WML). This standard was specially created for wireless communication through mobile phones, such as your R380. The WAP services browser is suitable for interaction with services such as ticket and hotel reservations, or on-line banking and electronic commerce. It can also be useful for accessing information such as weather reports, timetables, share prices and exchange rates.

Note: *The WAP services browser cannot read HTML web pages.*

Using the WAP Services browser is similar to the way you use a traditional web browser. Therefore this chapter concentrates on actions that are specific to the WAP Services browser.



Note: *Before you can start using the WAP browser, you must configure your R380 to use this service. See “Setting up WAP Services” on page 140.*

When viewing Bookmarks or History the amount of information that appears in the display can be changed by selecting one of the following options from the View menu:

- **Summary** - displays one line of information consisting of the page name.
- **Detail** - displays a second line of information, consisting of the location address.



Browser

The WAP services browser allows you to:

- Connect to the Internet and interact with specially designed WAP services.
- View pages on the Internet designed for WAP services.

WAP Services Page

A WAP services page is self-explanatory, where guidance to the available information is through typical controls. A WAP services page consists of the following components:

- a title bar with page titles, decks and cards
- a connection status icon:
 -  Not connected
 -  Connected
 -  Loading in progress
- a scrollbar for scrolling up or down a page
- the actual contents of the page including text, images, command buttons, hyperlinks, mailto links, phone call links, choice lists, check boxes or text and number fields
- five toolbar buttons which perform the following functions:
 -  **Desktop** returns the display to the main menus
 -  **Tasks** displays a tasks pop-up file menu. This allows you to perform a number of tasks
 -  **View** displays a view pop-up menu. This allows you to go to other views within the program
 -  **Back** returns you to the previous WAP services page (only available when more than one page has been visited)
 -  **Stop** allows you to stop downloading (only available when downloading)

Note: See “*The toolbar*” on page 46 of the *User’s Guide* for more information on toolbar icons.

To open a location and view a page:

1. Tap **Browser** on the WAP services desktop. The WAP services browser page appears in the display.

2. Do one of the following:
 - Tap  and select **Open location**. An 'Open location' view appears in the display. Enter a URL address, and tap  to open the WAP services page.
or
 - If you have previously visited one or more WAP services pages, the location you require may be listed in the history list. Tap  and select **History** or see "*History*" on page 130 for more information on loading previously visited pages.
or
 - If you have bookmarked WAP services pages, tap  and select **Bookmarks**.
3. While you are browsing you may find that authentication is required by some of the locations you visit. If authentication is required by the web server or gateway, the following occurs:
 - If authentication is required by the web server, the 'Enter web server password' view appears displaying the web address in the **Resource:** field. Select the **User name:** and **Password:** fields and enter your username and password. Tap  to initiate the authentication.
 - If authentication is required by the gateway, the 'Enter gateway password' view appears displaying the gateway address in the **Resource:** field. Select the **User name:** and **Password:** fields and enter your username and password. If you want the password to be used with the current gateway in the future, select **Save password:** and select **Yes** from the pop-up menu. Tap  to initiate the authentication.

To copy all or selected text:

Tap  and select **Copy all text** or **Copy selected text** (having first selected the text to be copied).

To reload the currently viewed page:

Tap  and select **Reload page**.

To disconnect from the Internet:

1. Tap  and select **Disconnect**.
2. When you see the message "Are you sure you want to disconnect from the service provider?", select **Yes** to disconnect.
The connection status symbol changes to show you are disconnected.

Ericsson's WAP services portal

A great starting point for exploring WAP services is Ericsson's WAP services portal at <http://mobileinternet.ericsson.se>. It provides you with easy access to a multitude of information, and is handy when you are on the move. The following example shows how you can get train timetable information:

1. Tap **Browser** on the WAP services desktop. The WAP services browser page is displayed.
2. Tap  and select **Open location**.
An Open location view is displayed.
3. Enter Ericsson's WAP services address (<http://mobileinternet.ericsson.se>).

Note: *If you have more than one internet service provider, then the 'Select service provider' view displays so that you can choose a provider. Select a service provider from the list and tap .*

4. Tap  to open the WAP services page.
This starts the connection to the Internet and loads the page. The connection status symbol, at the top left of the display, changes to show you are connected.
5. The first page is displayed, containing links to different types of services. Tap the **Information** link.
6. A second page is displayed with links to such things as news, financial, weather and rail services.
7. Tap the link that interest you.

Ending the browsing session

To end the session:

1. Tap  and select **Disconnect**.
2. When you see the message "**Are you sure you want to be disconnected from the service provider**", select **Yes** to disconnect.

The connection status symbol changes to show you are disconnected.

Bookmarks

A quick way of accessing a WAP services page that you have previously visited, is to bookmark it. A bookmark is a "place holder" you assign to a page. By doing this, you can quickly find your way to that page without having to type its web address.



To open a bookmarked WAP services page:

1. Do one of the following:
 - Tap **Bookmarks** on the WAP services desktop.
or
 - Tap  and select **Bookmarks**.

The Bookmarks view appears displaying a list of all saved bookmarks.

2. Scroll and select the bookmark you want to load.
The chosen WAP services page opens.

To bookmark a WAP services page you are currently viewing:

1. With the page you want to bookmark displayed, tap  and select **Add current to bookmarks**.

The 'Add Current to Bookmarks' view is displayed.

2. Enter the appropriate information:
 - **Name:** Enter a name for the bookmark, or keep the default name.
 - **Location:** Displays the URL address. Do not change the address as it is required by the bookmark for connection.
 - **Profile entry:** Displays the WAP profile used for this bookmark.
3. Tap  to save the bookmark.

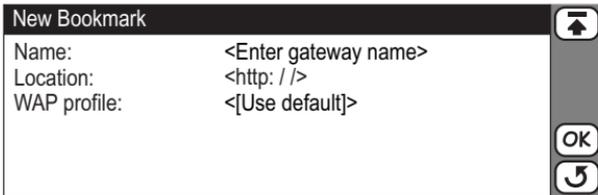
The bookmark is now stored and you can easily open the bookmarked page the next time you want to access it.

To add a new bookmark:

1. Tap **Bookmarks** on the WAP services desktop.
The Bookmarks view is shown.
2. Tap  and select **New bookmark**.

Note: *You can also tap  and select **New bookmark** when in the *Edit bookmarks* view.*

The New bookmark view is shown:



New Bookmark	
Name:	<Enter gateway name>
Location:	<http: / />
WAP profile:	<[Use default]>

3. Enter the appropriate information.

- **Name:** Enter a name for the bookmark.
 - **Location:** Enter the URL address for the location you are bookmarking.
 - **WAP profile:** Tap this field to select the required WAP profile to use when connecting to this page. You can select from a list of the available WAP profiles, or select 'Use default'. 'Use default' means that the profile that is set as default when you use this bookmark will be used to connect to this page.
4. Tap  to save the bookmark.
The bookmark is now stored.

To edit or delete a bookmark:

1. Tap **Bookmarks** on the WAP services desktop.
The Bookmarks view is shown.
2. Tap  and select **Edit bookmarks**. The title of the display changes to 'Edit bookmarks'.
3. Select the bookmark to be edited or deleted. The Edit view appears in the display.
4. To edit the bookmark, select the **Name:**, **Location:**, or **WAP profile:** field and edit as required. Tap  to save the changes to the bookmark. The edited bookmark is now stored and the 'Edit bookmarks' view is displayed.
5. To delete the bookmark, tap  and select **Delete bookmark**. The bookmark is deleted and the 'Edit bookmarks' view appears in the display.

To return to the WAP services browser:

- Tap  and select **Browser**. The WAP services browser page displays.

Open Location

Open location provides you with a short cut to opening and viewing a page.

To open a location and view a page:

1. Tap **Open location** on the WAP services desktop. An 'Open location' view is displayed.
2. Enter a URL address.
3. Tap  to open the WAP services page.





History

History allows you to connect quickly to a WAP services page that you have previously visited. The history contains a list of the last few pages you have viewed.

To open a WAP services page from the History list:

1. Tap **History** on the WAP services desktop, or if browsing, tap  and select **History**. The History view appears displaying a list of previously visited pages.

Note: *If a previously visited page is a bookmark, then the bookmark name is displayed instead of the URL.*

2. Scroll and select the URL or bookmark you want to load. The chosen WAP services page opens.

To clear history contents:

1. With the flip open, tap History on the WAP services desktop.
2. Tap  and select **Clear history**.
3. If the Delete confirmation is active, you are asked if you want to continue. Do one of the following:
 - Tap **Yes** to continue and delete all of your history items, or
 - Tap **No** to return to the History view.

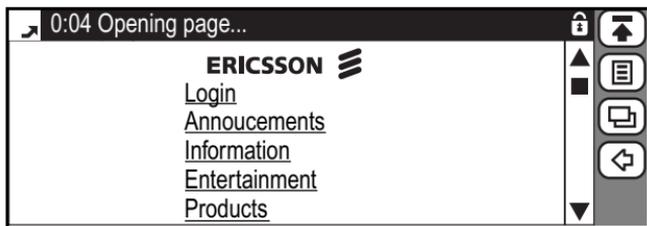
Browsing Secure Sites

When you use certain WAP services, for example banking, you need a secure connection between your R380 and the WAP gateway. By using certificates you can be assured that the information you are sending and receiving while you view a secure site is safe. For more information on working with certificates see “*Certificates*” on page 148.

Note: *See your service provider for information on what services are available to you, and how to obtain the certificates for them.*

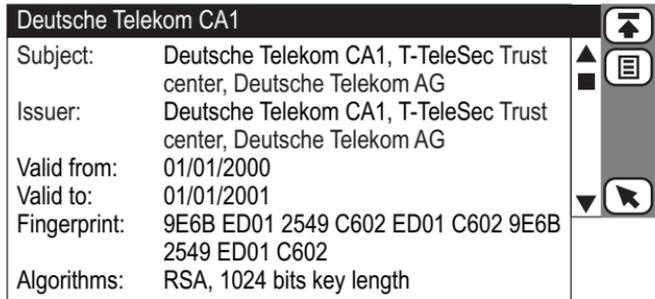
To view secure connection information:

1. When browsing a secure site, tap  in the title bar.



The server certificate is displayed.

Deutsche Telekom CA1	
Subject:	Deutsche Telekom CA1, T-TeleSec Trust center, Deutsche Telekom AG
Issuer:	Deutsche Telekom CA1, T-TeleSec Trust center, Deutsche Telekom AG
Valid from:	01/01/2000
Valid to:	01/01/2001
Fingerprint:	9E6B ED01 2549 C602 ED01 C602 9E6B 2549 ED01 C602
Algorithms:	RSA, 1024 bits key length





Getting started with e-mail and WAP

Before the R380s can access e-mail and WAP you must enter specific user related details. When you are ready to start using e-mail and WAP you will need a service provider to connect your R380s to the network.

The service provider could be:

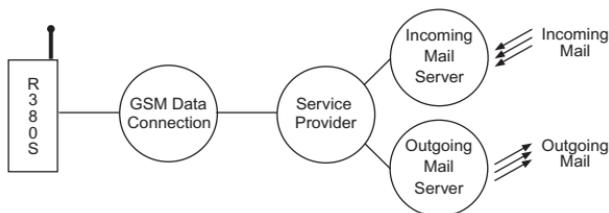
- an internet service provider which connects you to the internet.
- an access point provided by your network operator.
- a private service provider such as your company or your bank.

You need to enter specific service provider details into the R380s. The R380s can hold the details of multiple service providers, for example, you may have separate internet and corporate accounts.

Your network operator or retailer may have pre-installed e-mail and/or WAP services, check with them.

E-mail set up

When you are using e-mail, your R380s has to follow the steps outlined below:



For e-mail connection you will need:

- a network operator subscription with GSM data connection.
- a service provider.
- details of the incoming and outgoing servers.

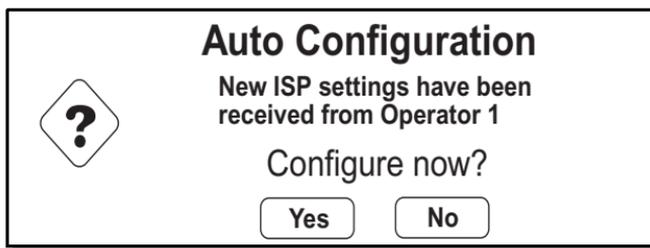
Automatically set up service provider and e-mail

The easiest way to set up the R380s is automatically, through your service provider. Check your service provider's web site for information or telephone/e-mail their support desk and ask about automatic remote configuration.

If remote configuration is possible, tell your service provider that you require internet service provider and e-mail settings, they will send you an auto configuration message for these by SMS.

To automatically set up service provider and e-mail:

1. When the auto configuration messages  appear in the R380s inbox, select it.
2. A brief text and operator message appears on the display with the message **Configure now?**. To initiate the auto configuration, select **Yes**. To perform the auto configuration later, select **No**.



3. Send an e-mail to test the new settings, see “*Sending an e-mail for the first time*” on page 138 for more details.



Warning! *Never accept remote configuration messages if you are not expecting them or are unsure where they have come from.*

Manually set up service provider and e-mail

Alternatively you can enter the service provider and e-mail settings yourself.

First collect all the information you will need. You can obtain this information from one of the following sources:

- If your mobile operator offers an e-mail service you can get the necessary details from them.
- Your internet service provider.
- Your IT Manager in the case of connecting to the corporate network to access your work e-mail account.
- Your current PCs internet service provider settings (allows your R380s to access the same e-mail accounts as your PC).

Note: *Some PC based e-mail services use proprietary standards that will not work on the R380s.*

You will need to collect all the data listed below before you can set up your e-mail. It is a good idea to enter your data in the 'Actual' column in this table.

Note: *In the table below the white area refers to service provider set up and the shaded area refers to e-mail set up.*

Required	Actual	Useful information
Telephone number		Number you need to dial to reach your service provider. Use the full number including country code and area code, e.g. +46 33 555 2525
Bearer capability ISDN or Analogue?		If your network operator and service provider offer ISDN, select ISDN, otherwise select Analogue. ISDN offers faster connect time
Username		The username your service provider gave you when the account was set up
Password	For security reasons do not write your password down.	Password associated with the username, given to you by the service provider.

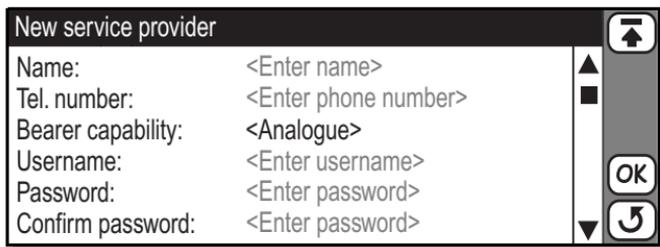
Required	Actual	Useful information
IP assignment Server / Static		An 'address' that the service provider knows you by and uses to route information to and from you. Your IP address will either be: Server - assigned by the service provider when you connect. Static - assigned once by the service provider or the IT Manager. If your IP address is Static you must enter it into Own IP address , which appears when you select Static
DNS assignment Server / Static		This tells the R380s where to find the service provider's 'named server'. R380s needs this in order to find services like WAP sites on the network. Like IP assignment above, the DNS can be static or allocated by the service provider when you connect, server. If static is selected additional fields need to be completed containing the static information
Own IP address		Only required if the IP assignment is static. Format e.g. 123.9.45.3. Do not enter any leading 0s when typing in IP address
Primary DNS		Only required if the DNS assignment is static. Format e.g. 123.9.45.2
Secondary DNS		Only required if the DNS assignment is static. Format e.g. 123.9.45.1

Required	Actual	Useful information
e-mail address		Use your normal e-mail address, e.g. fred@myserviceprovider.com or me@acmeservices.com. Any e-mails that you send are shown as 'from' this address when the e-mail is opened by the recipient
Protocol POP3 / IMAP4		POP3 is commonly used by internet service providers
Username		The username your service provider gave you when the account was set up. It is the part before the @. This could be the same as the username for service provider access, as above
Password		Password associated with this username, given to you by the service provider. This could be the same as the password for service provider access, as above
Outgoing (mail) server		Your service provider's mail server for sending outgoing mail (SMTP server), e.g. mail.acmeservices.com or smtp.myserviceprovider.com
Incoming (mail) server		Your service provider's mail server where your inbox is located (POP/EMAP), e.g. mail.acmeservices.com or pop3.myserviceprovider.com
Reply to		R380s copies your e-mail address into here by default. If you require replies to your e-mails to go to a different address enter it here

Manually set up a service provider

To manually set up service provider:

1. With the flip open, tap **Extras**, **System**, **Preferences** and **Service Providers**.
2. Tap  and select **New service provider**.



3. Use the information given in the previous table (page 134) to complete the form. You will have to use the scroll bar to see all the items.

Additional fields you need to fill in are:

Name	A name which identifies the service provider when you connect to e-mail or WAP. You can enter anything, e.g. Acme Internet, WAP SP, BigCorp
-------------	---

Note: *The R380s only allows the setting to be saved if a unique name has been entered.*

Confirm Password	A check to make sure that you have entered the password correctly
-------------------------	---

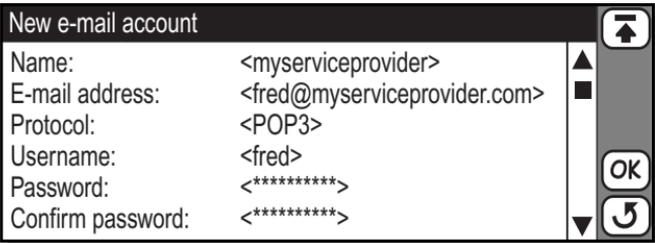
4. Once all the details are entered, tap .

You have successfully set up your service provider, the next step is to set up an e-mail account.

Manually set up e-mail

To manually set up e-mail:

1. With the flip open, tap **Extras**, **System**, **Preferences** and **Messaging**. From the messaging display select **e-mail accounts** (you need to scroll down to find it).
2. Tap the  and select **new e-mail account**.
3. Use the information given in the previous table (page 134) to complete the form. You will have to use the scroll bar to see all the items.



An additional field you need to fill in is:

Name	A name which identifies the e-mail account, you can enter anything, e.g. fred's mail
	Note: <i>The R380s only allows the setting to be saved if a unique name has been entered.</i>
Confirm Password	A check to make sure that you have entered the password correctly

4. If you need any help contact your service provider or Ericsson Mobile Internet at <http://mobileinternet.ericsson.com>.
5. Once all the details are entered tap .

You have successfully set up your e-mail account, the next step is to send an e-mail to check it is working.

Sending an e-mail for the first time

Creating and sending a new e-mail message

1. Tap **Messaging** and select **New e-mail** on the Messaging desktop. The New e-mail message screen appears on the display.

2. Tap <enter recipients> select  and enter the recipients e-mail address.
3. Tap  and select <Enter subject>, type in a subject e.g. test mail.
4. Tap  and select <Enter message>. Enter your message.
5. You must send the e-mail using your new account. If a different account is displayed tap  and select **Account:**. The pop-up menu displays a list of accounts that you defined in the e-mail settings. Select the new account.
6. To send the e-mail, tap . The Send confirmation view appears in the display. Select **Yes**, if a list appears select the service provider associated with the new e-mail account and tap . The R380s connects and forwards the message immediately.

Connecting and reading the inbox for the first time

1. Tap **Messaging** and select **Inbox** on the Messaging desktop. The Inbox screen appears on the display.

2. Tap  and select **Connect**.

If you have more than one e-mail account, you are presented with a Select e-mail account view. Select your new e-mail account and tap .

If you have more than one internet service provider, you are presented with a Select service provider view. Select the service provider associated with your new account and tap .

A Progress Message view appears in the display informing you of the current status of the connection: Dialling....; Authenticating...; Connecting....; Sending....Getting Headers.

3. Select the message or messages you want to read, or tap  and select **Select all**.
4. Tap  and select **Copy to inbox** (a copy of the original message is retained on the server) or **Move to inbox** (original message is removed from the server). If you want to read mail from the e-mail account on a PC as well as the R380s, copying allows the e-mail to be collected later by the PC.
5. On completion, tap  and select **Disconnect**. The remote server connection is severed and the messages appear in your Inbox. Alternatively, the connection is severed if no activity is detected over a period of time.
6. The message is now displayed in your Inbox. Tap to read.

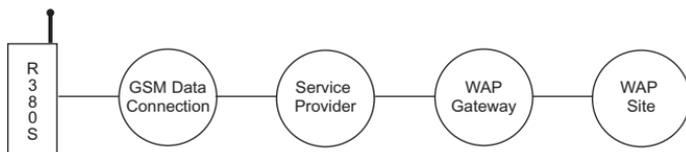
Using e-mail with several configurations installed

Your R380s can read mail from several e-mail accounts. When you select an e-mail account to connect to, see above, it is important that you select the service provider associated with that account. Otherwise the send mail operation may fail and you will be unable to access the remote inbox. Try to set the names of the internet service provider and the e-mail accounts so that you will easily remember which one to use, e.g. SP Acme Internet, Mail at Acme.

Setting up WAP Services

To contact a WAP site from the R380s you must have set up:

- a network operator subscription with GSM data connection.
- a Service provider.
- a WAP gateway.



GSM data service

Your network operator needs to give you access to GSM data service which allows you to make a data call to the service provider. If you are unsure contact your network operator and enquire whether your phone will accept data calls.

Service provider

Your service provider could be any of the following:

- an access point provided by your network operator.
- your internet service provider.
- a private service provider, e.g. your company or bank.

You need to enter specific service provider details into the R380s. The R380s can hold the details of multiple service providers, this is because you may have separate internet and corporate accounts. For more details see “*Manually set up a service provider*” on page 137.

WAP gateway

The WAP gateway sits between the R380s and the WAP site coding and decoding information. You can set up details of more than one gateway if necessary, e.g. one to access corporate data over WAP, another to access your bank's WAP service.

WAP Profiles

A WAP profile defines a service provider and gateway that should be used when making a connection. A WAP service may require the use of a specific combination of service provider and gateway to make a successful connection. You can create different WAP profiles for different connections, and thus simplify the process of accessing WAP services.

If you save a location in your bookmarks the WAP profile is also saved. This means that when you select a location to visit from your bookmarks, your phone will automatically access the location via the correct service provider and gateway.

Likewise if you select a location to return to from your History list, the profile that was originally used to access the page will be used again automatically.

Note: *When you use **Open location** on the WAP Services desktop, the default WAP profile will be used. Whereas, if you follow a link on a WAP page to a new location, the current profile will be used.*

Automatically set up WAP

The easiest way to set up the R380s is automatically, through your service provider. Check your service providers web site for information or telephone/e-mail their support desk and ask about automatic remote configuration.

If remote configuration is possible, tell your service provider that you require WAP settings, they will send you an auto configuration message by SMS. Confirm that your GSM subscription is data enabled at the same time.

To automatically set up WAP:

1. The service provider will send a special SMS message to your R380s.
2. When the auto configuration message  appears in the R380s inbox, select it.
3. A brief text and operator message appears on the display with the message **Configure now?**. To initiate the auto configuration, select **Yes**. To perform the auto configuration later, select **No**.
4. Access a WAP site to test the new settings.

Warning! *Never accept remote configuration messages if you are not expecting them or are unsure where they have come from.*



Manually set up WAP

Alternatively you may enter the information yourself.

Note: *You need to set up your internet service provider before you can set up WAP, see “Manually set up a service provider” on page 137 before continuing.*

First collect all the information you will need. The service provider you need to contact for details will be one of the following:

- Your network operator.
- Your internet service provider.
- Your IT Manager in the case of connecting to the corporate network to get work e-mail.
- The organisation offering the service e.g. bank. You will need to collect all the data listed below before you can set up your WAP.

Required	Actual	Useful Information
Name		A name which identifies the gateway account, make it memorable, e.g. network operator services
IP number*		Tells the R380s where to find the gateway on the network. The format is 4 numbers separated by dots, e.g. 123.255.3.124
User ID*		Some gateways have additional security precautions which require a username and a password to access WAP services. This is optional leave blank if not required.
Password*		Some gateways have additional security precautions which require a username and a password to access WAP services. This is optional leave blank if not required.

Security*		Set to ON if the WAP site you are accessing requires a security certificate. See page 148 for more details.
Connection*		Set this to Connectionless unless your service provider has advised you to select the alternative setting of Connection oriented.

Note: *You will need to obtain the items marked with a * from your service provider.*

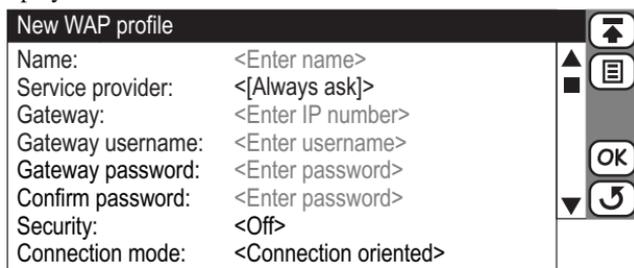
To create a new profile:

1. From within the **Extras** tab, tap **System** and choose **Preferences**.
2. Select **WAP Services** from the list.
3. Select **WAP profiles** from the list in the WAP services settings view.

The WAP profiles view is displayed. Notice that the profile that is set as default has **(Default)** after its name



4. Tap  and select **New WAP profile**. The New WAP profile view is displayed.



This image has been adjusted to show all the new WAP profile settings. In reality, you will need to use the scroll bar to see all these settings.

5. Enter the required information.
 - **Name:** Enter a name for this profile.
 - **Service provider:** Tap the service provider field and select which service provider to use for this profile. If you would like to select a service provider whenever you use this profile, choose **[Always ask]**
 - **Gateway:** Enter the IP address for the WAP gateway.
 - **Gateway username:** Enter the your username for the gateway.
 - **Gateway password:** Enter your password.
 - **Confirm password:** Re-enter your password for confirmation.
 - **Security:** Select whether or not you want the Security on. If **On** is selected, all data sent to and from the gateway will be encrypted. Default is **Off**.
 - **Connection mode:** Select the connection type: either **Connectionless** or **Connection oriented**.
6. To set the WAP profile as the default profile, tap  and select **Set as default**.
7. Tap  to save the new profile. The display returns to the WAP profile view.

Note: *Although supported, the Username and Password are not always necessary and can be left empty.*

To edit, set as default, or delete a profile:

1. From within the **Extras** tab, tap **System** and choose **Preferences**.
2. Select **WAP Services** from the list, and then select **WAP profiles** from the list in the WAP services settings view.

The WAP profiles view is displayed.



3. Tap the required profile in the list. The edit view is displayed.

Edit Banking	
Name:	<Banking>
Service provider:	<Bank Serv. Prov.>
Gateway:	<195.100.108.76>
Gateway username:	<Enter username>
Gateway password:	<Enter password>
Confirm password:	<Enter password>
Connection mode:	<Connection oriented>
Security:	<On>

4. To delete the profile or set it as the default, tap  and select **Delete** or **Set as default** as appropriate.
5. To edit the profile, tap the item to edit. Notice that for reasons of security the username and password fields will always be displayed as <Enter username> and <Enter password>.

Using WAP for the first time

To use WAP for the first time:

1. Tap **Browser** on the WAP services desktop. The WAP services browser page appears in the display.
2. Tap  and select **Open location**. An Open location view is displayed.
3. Enter a URL address, e.g. the home page for the service provider you are setting up or try <http://mobileinternet.ericsson.com>. Tap  to open the WAP services page. While you are browsing WAP sites you may find that authentication is required by some of the locations you visit:
 - If authentication is required by the web server, the 'Enter web server password' view appears displaying the web address in the **Resource:** field. Select the **User name:** and **Password:** fields and enter your username and password. Tap  to initiate the authentication.
 - If authentication is required by the gateway, the 'Enter gateway password' view appears displaying the gateway address in the **Resource:** field. Select the **User name:** and **Password:** fields and enter your username and password. If you want the password to be used with the current gateway in the future, select **Save password:** and select **Yes** from the pop-up menu. Tap  to initiate the authentication.

Using WAP with several configurations installed

You can have several WAP profile configurations set up on your R380s, for example one from your network operator and one from your company. To access the service you want it is important to select the correct WAP profile. This will ensure that the appropriate service provider and gateway are used when dialling.

For example, a bookmark might only work with the same combination of service provider and gateway that was in use when the bookmark was initially saved, and this is why the WAP profile is saved in the bookmark.

If you are having difficulty accessing a WAP site you might solve the problem by changing the WAP profile that is in use. You can do this by editing the sites bookmark, see page 129.

Locating settings in Windows 95 or 98

If you want to use your R380s with the same internet service provider as your PC, the following table tells you where you can find the necessary settings.

1. On the Windows desktop double-click **My Computer**, double-click **Dial-Up Networking** and click on the icon representing the internet service provider to be set up on the R380s.

Name	The name under the icon in Dial Up Networking . The name can be changed to something more memorable.
Tel. Number	Right click on the icon and select Properties . Look in the Area Code and Telephone Number fields. Enter the number in to the R380s including both area code and telephone number, preferably in GSM international format. For example Swedish area code 033 and telephone number 555 2525 may be entered to the R380s as 0335552525 (will work in Sweden only) or +46335552525 (works in Sweden and other countries)
Bearer Capability	If your PC uses a regular modem select Analogue. If your PC uses ISDN and your network operator supports it, select ISDN.

Username	Click Cancel to close the dialog box. Double click the icon to display the Connect To dialog . See the User Name: field.
Password	The password you normally enter in the Password box beneath the User Name. If Windows remembers this for you it will be shown as **** - entering *** into your R380s will not work! Contact your internet service provider if you have forgotten the password
IP Assignment	Click Cancel to close the Connect To dialog. Right-click on the icon and then click on Properties . Select the Server Types tab and click the TCP/IP Settings button to view the TCP/IP Settings dialog. If Server Assigned IP Address is checked then leave R380s set to <Server>. If Specify an IP Address is checked then change to Static and an extra field, Own IP Address is added to the list of items you need to fill in.
DNS assignment	If Server Assigned IP Address is checked then leave R380s set to <Server>. If Specify an IP Address is checked then change to Static, two extra fields are added to the bottom of the list of items you need to fill in.
Own IP Address	Enter the IP address shown in the 'TCP/IP Settings dialog in to the R380
Primary DNS	Copy from the Primary DNS which is shown in the dialog.
Secondary DNS	Copy from the Secondary DNS which is shown in the dialog.

2. Click **Cancel** to close the windows dialog.

Certificates

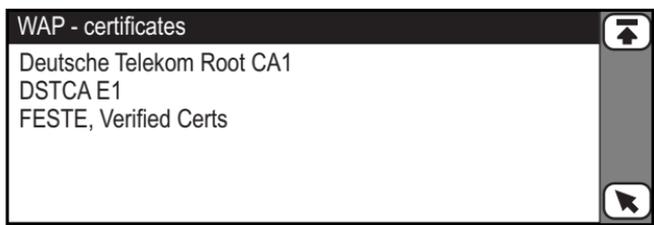
When you use certain WAP services, for example banking, you need a secure connection between your phone and the WAP gateway.

When you are browsing a secure site a Secure connection symbol  displays in the upper right portion of the browser's title bar.

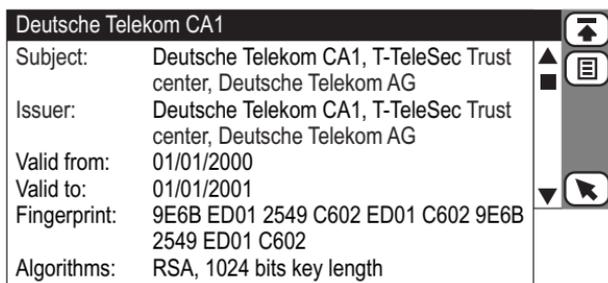
To establish secure connections, you need to have a certificate saved in your phone. If you have a certificate in your phone, it means you trust all WAP gateways that the certificate supplier (for example, a network operator) has certified. You can find and download certificates from certain WAP sites. Ask your network operator or service provider for the WAP address. For security reasons you can not edit certificates.

To view certificates:

1. From within the **Extras** tab, tap **System** and choose **Preferences**. Then select **WAP Services** from the list.
2. Select **Certificates** from the list. The WAP-certificates view displays listing the available certificates.



3. Tap the certificate to be viewed. In practice you will need to scroll to see all the fields illustrated below.



To delete a certificate:

1. When viewing a certificate tap  and select **Delete**, and then tap **OK** to confirm the deletion.

To add a certificate:

1. When you go to a site that requires a certificate, it is downloaded and the New Certificate view displays. The details of the certificate appear.
2. To accept the certificate and store it in your phone, tap **OK**. If a certificate with the same name is already held, a message will ask if you wish to keep the original certificate or replace it.
3. To cancel the download, or reject the certificate when it has been downloaded tap **J**.

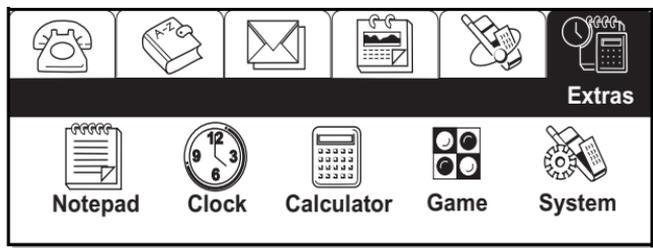


Extras

Your R380s provides you with access to a number of additional functions, which you will find on the Extras desktop. Five task-specific icons are designated to enable you to access these functions:

- Notepad.
- Clock.
- Calculator.
- Game.
- System.

To enter the Extras desktop, select the **Extras** tab at the top of the programs screen.

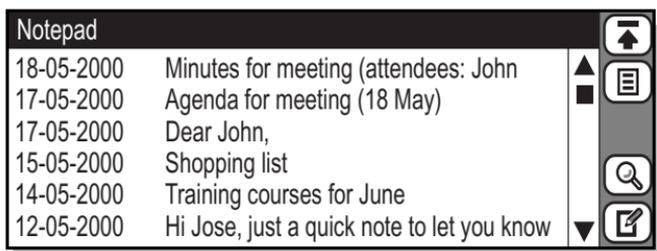


Notepad

This program provides you with the means by which you can keep notes and other useful information, such as agendas and minutes of meetings; lists of training courses and their associated costs; shopping lists; and Christmas card lists.

To enter the notepad program:

- Tap **Notepad** on the Extras desktop. The Notepad view appears in the display listing all existing entries.



New entry

To create a new entry in the notepad:

1. Tap  and select **New note** or tap .
2. Enter a subject header for the note and tap **Enter** (carriage return) on the keypad.
3. Enter the body text and tap .

Editing notepad entries

To edit an entry in the notepad:

1. Select the required entry from the list that appears in the Notepad view.
2. Tap  and select **Edit** or tap the title bar.
3. Edit the note and tap .

Deleting notepad entries

To delete an entry from the notepad:

1. Select the required entry from the list that appears in the Notepad view.
2. Tap  and select **Delete**. The Confirm delete view appears in the display.

Note: *If the Global delete preference is set to Do not confirm deletions then this confirmation view will not be displayed and the record will be deleted.*

3. Tap the **Yes** button to confirm that the entry is to be deleted. Otherwise, tap the **No** button to cancel the deletion of the selected entry.

Find

Find allows you to search for a specific entry in the Notepad.

To search for a specific entry in notepad:

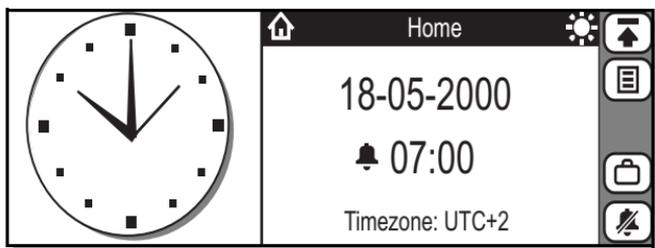
1. Tap  on the toolbar or Tap  and select **Find**.
2. Enter a word or part of a sentence relevant to the note that you want to view and tap  to initiate the search.
3. A list of notepad entries containing the search criteria are displayed when the search is complete.
4. Scroll to the note you were looking for and select it.

Note: *If the entry you are looking for does not appear in the search results you can carry out a further search by tapping  again and entering new search criteria.*

Clock

To enter the clock program:

1. Tap **Clock** on the Extras desktop. When you first enter the program you see the World clock view.



Analogue clock, home displayed and alarm on

The World clock view displays a clock on the left of the screen, which can be either analogue or digital. Tap the currently displayed clock to change to the alternative clock.

The right section of the screen displays one of two locations, your current location (Home) and your destination location (Destination). Tap the **Home/Destination** toggle button on the toolbar or the title bar to switch between the two locations. The locations are selected from a list of pre-defined time zones.



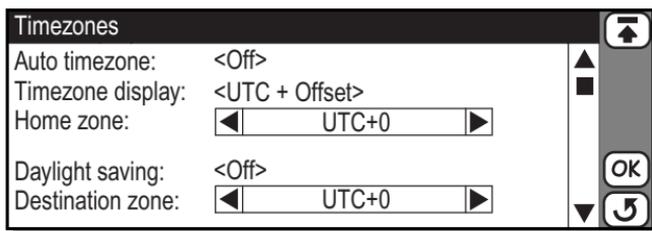
Digital clock, destination displayed and alarm off

You can set the time and date; and a timezone can be set to daylight savings time. You can also set and cancel the alarm and accept it when it goes off.

Setting the current and destination time zone

To select the current and destination time zone:

1. Tap  and select **Timezones**. The Timezones view appears in the display.



2. Select the **Auto timezone** to specify whether or not the destination clock is to use network time. A pop-up menu allows you to select **On** or **Off**. If Auto timezone is set to **On** and a network time update is received, the following message will appear in the display "Time has been updated". Select **OK**.

Note: *Network time is not supported by all networks.*

3. To specify how the timezones are displayed, tap the **Timezone Display** and select **UTC+offset**, i.e. Co-ordinated Universal Time (UTC) + number of hours of offset, or **Zone name**, i.e. CET (+1 (number of hours of offset from UTC)).

UTC	Time Zones
+0:00	GMT - Greenwich Mean (default) UT or UTC - Universal (Co-ordinated) WET - Western European
-1:00	WAT - West Africa
-2:00	AT - Azores
-3:00	SAST - South African Standard
-3:30	
-4:00	AST - Atlantic Standard
-5:00	EST - Eastern Standard
-6:00	CST - Central Standard
-7:00	MST - Mountain Standard
-8:00	PST - Pacific Standard
-8:30	
-9:00	YST - Yukon Standard.
-9:30	
-10:00	AHST - Alaska-Hawaii Standard CAT - Central Alaska HST - Hawaii Standard (default)
-11:00	NT - Nome.
-12:00	IDLW - International Date Line West
+1:00	CET - Central European (default) FWT - French Winter MET - Middle European MEWT - Middle European Winter SWT - Swedish Winter.
+2:00	EET - Eastern European, Russia Zone 1
+3:00	BT - Baghdad, Russia Zone 2
+3:30	
+4:00	ZP4 - Russia Zone 3
+4:30	
+5:00	ZP5 - Russia Zone 4
+5:30	
+5:45	Local Nepal Time
+6:00	ZP6 - Russia Zone 5
+6:30	
+7:00	WAST - West Australian Standard
+8:00	CCT - China Coast, Russia Zone 7
+9:00	JST - Japan Standard, Russia Zone 8
+9:30	

UTC	Time Zones
+10:00	EAST - East Australian Standard (default) GST - Guam Standard, Russia Zone 9
+10:30	
+11:00	
+12:00	IDLE - International Date Line East NZST - New Zealand Standard NZT - New Zealand (default)

4. Select **Home zone**: and use the left and right scroll arrows to select the required time zone.
5. Select **Destination zone**: and use the left and right scroll arrows to select the required time zone.
6. Select the **Daylight saving** section you want to change, i.e. Home or Destination, and select **On** or **Off**.
7. Tap **OK** to accept and save any changes you have made to the time zones. The display returns to the World clock view.

Note: *If at any time during the above operation you decide to cancel, select **⏮**. The display returns to World clock view.*

Setting the time

To set the time:

1. Tap **⌚** and select **Set time**. The Set time view appears in the display.
2. Use the up and down scroll arrows to set the time or tap the clock face and move the Hour and Minute hands to set the time.
3. If the date format is set to AM/PM, tap **±12** to change the currently displayed time by 12 hours.
4. Tap **OK** to accept the new time. The display returns to the World clock view.

Note: *If at any time during the above operation you decide to cancel, select the **⏮**. The display returns to World clock view.*

Setting the date

To set the date:

1. Tap **⌚** and select **Set date**. The Set date view appears in the display.
2. Use the left and right scroll arrows to select the month and year and select the day by tapping the respective day on the calendar.
3. Tap **OK** to accept the new date. The display returns to the World clock view.

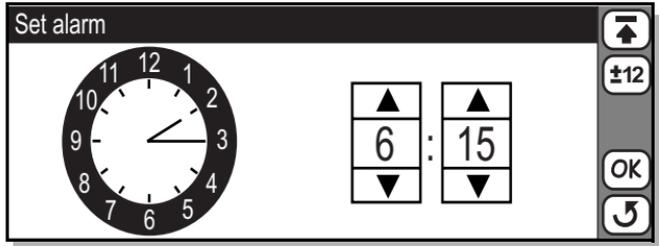
Note: *If at any time during the above operation you decide to cancel, select . The display returns to World clock view.*

To change the way in which the date and time formats are displayed, see “To change the locale settings:” on page 162.

Setting an alarm

To set an alarm:

1. Tap  and select **Set alarm**. The Set alarm view appears in the display.



2. Use the up and down scroll arrows to select the time of the alarm.
3. If the date format is set to AM/PM, tap  to change the currently displayed time by 12 hours.
4. Tap  to confirm the new alarm time. The display returns to the updated World clock view.

Note: *If at any time during the above operation you decide to cancel, select . The display returns to World clock view.*

Note: *Selecting  returns you to the top level menu screen.*

Cancelling an alarm

To cancel an alarm:

- Tap the **Alarm**  button on the toolbar or tap  and select **Alarm off**. The Alarm button changes to .

Note: *If at any time during the above operation you decide to cancel, select . The display returns to World clock view.*

Note: *Selecting  returns you to the top level menu screen.*



Switching off an activated alarm

When the alarm activates at the set time, an audible alarm is heard and a message appears in the display with the options **Off** and **Snooze**. The alarm duration is two minutes and is repeated every nine minutes, if not switched off.

- If you select **Off** then the alarm is accepted and is switched off.
- If you select **Snooze** then the alarm is temporarily switched off for a period of nine minutes, at which time the alarm is repeated.

The maximum number of times the alarm can be repeated is 11 (10 snooze) before the alarm is automatically set to off.

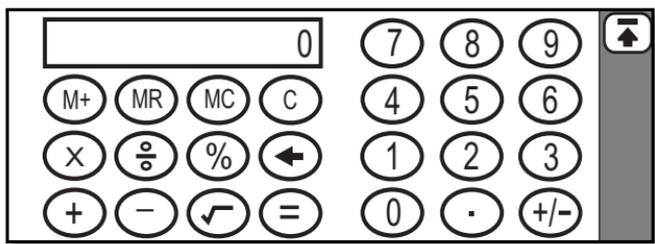
Calculator

The Calculator is a standard 10-digit calculator. You can add, subtract, multiply, divide, calculate square root and percentage. It also has a memory function.

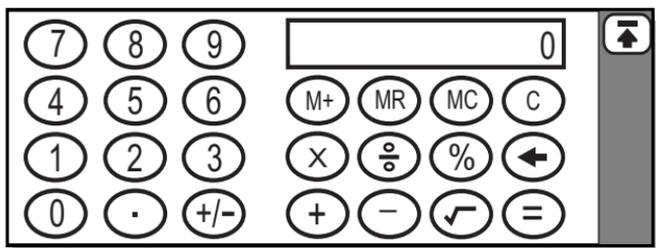
To enter the calculator program:

1. Tap **Calculator** on the Extras desktop.

The calculator program is available in both right-hand and left-hand modes. See “Global settings” on page 161 to select your preferred mode. You can also set the number of decimal places. For more information, see “Calculator settings” on page 177.



Calculator right-handed display



Calculator left-handed display

Enter your calculations by using the stylus on the touchscreen. All calculations are performed as they are entered, e.g. $6+5 \times 3=33$ (not 21).

Note: *Selecting  returns you to the top level menu screen.*

Memory functions

The memory functions supported by your calculator are:

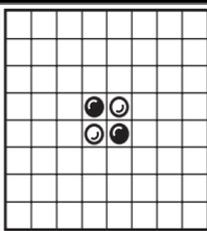
-  - Enter or Add to memory: Enters or Adds the displayed value to the value stored in memory.
-  - Recall memory: Displays the stored memory value.
-  - Clear memory: Sets the contents of the memory to zero.

Note: *Values stored in memory are retained while accessing other programs.*



Game

The game is a strategy game played by two players: you and your R380s. It is played on an 8x8 (64 squares) board and begins with two white disks and two black discs on the centre of the board as shown.

Scores		High Scores
 Player: 2		R380 48/16
 R380: 2		Player 40/22
		Player 36/28
		Player 35/28
		R380 34/30
		Player 33/28

Object of the game

The object of the game is to capture your opponent's discs. This is achieved by placing your discs in the empty squares around your opponent's discs. When your opponent's discs are surrounded by your own discs, they then become yours.

The game ends when neither you nor your opponent can place any more discs on the board, i.e 64 discs have been placed on the board or both you and your opponent cannot make any further moves. The winner is the player who has the greater number of discs.

The tasks button provides you with a pop-up menu which allows you change some of the game settings. You can select:

- New game.
- Pass.
- Hint.
- Game settings.

The left of the screen provides you with the current score and the right of the screen provides a list of highest scores.

How to play

To enter the game program:

- Tap **Game** on the Extras desktop.

To start a new game:

- Tap  and select **New game**.

To change the game settings:

1. Tap  and select **Game settings**. The Game settings view is displayed.
2. To change the level of difficulty, tap **Set play level:** and select **Easy**, **Medium** or **Hard**.
3. To the colour of your disc's, tap **Player colour:** and select **White** or **Black**.
4. Tap  to implement and save the new settings. The display returns to the Game view.

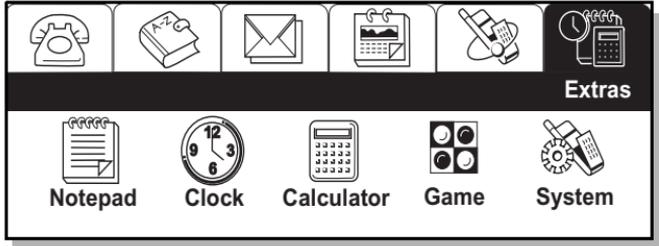


System

This program allows access to Preferences settings, Storage and Touchscreen settings.

To enter the System program:

1. Tap **System** on the Extras desktop. The System view appears in the display.



Preferences

When you select Settings the Preferences view appears in the display.



This view provides you with a scrolling list of features whose settings can be changed to customize the R380s to meet your requirements.

You can change the following settings:

- Global
- Contacts
- Calendar
- Messaging
- WAP services
- Service providers
- Port
- Calculator
- Reset language
- Master reset

Global settings

To change the system settings:

1. Select **Global** from the list displayed in the Preferences view. The Global view appears in the display.



To change the backlight settings:

1. Select **Backlight settings** from the list displayed in the Global view. The Backlight view appears in the display.
2. To change the mode of the backlight hand held or backlight hands free display, select **Back light hand held:** or **Back light hands free:** and then select **Off**, **On** or **Automatic**.

Automatic - back light is illuminated if an event (i.e. an alert sound, message to be acknowledged, etc.), a key press, at power on or the volume slider is pressed up and down or vice versa. The illumination is turned off after 10 seconds of inactivity or 1 minute if the volume slider was used.

3. Tap **OK** to implement and save the new settings. The display returns to the Global view.

To change the display settings:

1. Select **Display settings** from the list displayed in the Global view. The Display view appears in the display.
2. To adjust the contrast, select **Contrast:** and use the left and right scroll arrows to select the required contrast level: 1 corresponds to the lightest contrast and 9 to the darkest. The default level is 5.
3. To change the screen orientation, select **Screen orientation:** and then select **Open flip to left** or **Open flip to right**.
4. To change the mode of the screen saver, select **Screen saver hand held:** and then select **Off** or **Automatic** (LCD and backlight (if on) turned off after two minutes of inactivity).
5. To change the mode of the screen blanker when Vehicle Hands Free (VHF) is used, select **Screen saver hands free:** and then select **Off** or **Automatic**.

6. Tap **OK** to implement and save the new settings. The display returns to the Global view.

To change the input settings:

1. Select **Input settings** from the list displayed in the Global view. The Input settings view appears in the display.
2. To change the default input method, select **Default input method:** and then select **Soft-keyboard** or **Character recognition**.
3. To change whether the keypad is locked manually or automatically after 25 seconds, select **Keypad Lock:** and then select **Manual** or **Automatic**.
4. To change the key sound, select **Key sound:** and then select **Off**, **Click** or **Tone** (DTMF tones).
5. To change the touch screen sounds, select **Touch screen sound:** and then select **Off** or **On**.
6. Tap **OK** to implement and save the new settings. The display returns to the Global view.

To change the locale settings:

1. Select **Locale settings** from the list displayed in the Global view. The Locale view appears in the display.
2. To change the country and language, select **Language:** and then select a country. Changing this section also sets the keyboard layout, the time/date format, decimal point and text sorting order.
3. To change the time formats, select **Time formats:** and then select **HH.MM(SS)**, **HH:MM(:SS)** or **HH:MM(:SS) am/pm**.
4. To change the date format, select **Date formats:** and then select **DD-MM-(YY)YY**, **DD/MM/(YY)YY**, **DD.MM.(YY)YY**, **MM/DD/(YY)YY**, or **(YY)YY-MM-DD**.
5. Tap **OK** to save the new settings. The display returns to the Global view.

Note: *After changing the locale settings, restart your R380s in order to implement the changes.*

To change the data connection settings:

1. Select **Data connection settings** from the list displayed in the Global view. The Data connection settings view appears in the display.
2. To change the idle time period specified before disconnection, select **If idle, online for:** and use the left and right scroll arrows to select **.5**, **1**, **2**, **3**, **4**, **5**, **6**, **7**, **8**, **9**, **10**, **20** or **30** (minutes).
3. Tap **OK** to implement and save the new settings. The display returns to the Global view.

To change the miscellaneous settings:

1. Select **Miscellaneous settings** from the list displayed in the Global view. The Miscellaneous settings view appears in the display.
2. To change whether or not you are presented with a confirmation view when cancelling an operation, select **Cancel confirmation:** and then select **Off** or **On**.
3. To change whether or not you are presented with a confirmation view asking you to confirm that you want to save the current data before exiting the program, select **Save on exit confirmation:** and then select **Off** or **On**.
4. To change whether or not you are presented with a confirmation view when deleting data, select **Delete confirmation:** and select **Off** or **On**.
5. Tap **OK** to implement and save the new settings. The display returns to the Global view.

Contacts settings

To change the contacts settings:

1. Select **Contacts** from the list displayed in the Preferences view. The Contacts view appears in the display.
2. To change whether the Contacts initial display provides a summary or detailed information, select **Default view:** and then select **Summary** or **Detail**.
3. To change the default sorting of the list of contacts, select **Default sorting of entries:** and select **First name**, **Last name** or **Company**.
4. Tap **OK** to implement and save the new settings. The display returns to the Preferences view.

Calendar settings

To change the calendar settings:

1. Select **Calendar** from the list displayed in the Preferences view. The Calendar view appears in the display.
2. To change whether the Calendar to do initial display provides a summary or detailed information, select **Default to do view:** and then select **Summary** or **Detail**.
3. To change whether the Calendar Week initial display provides a summary or detailed information, select **Default day view:** and then select **Summary** or **Detail**.
4. To change the day in which the week starts, select **Week start:** and then select **Sunday** or **Monday**.

5. Tap **OK** to implement and save the new settings. The display returns to the Preferences view.

Messaging settings

To change the messaging settings:

1. Select **Messaging** from the list displayed in the Preferences view. The Messaging view appears in the display.



To change the view settings:

1. Select **View** from the list displayed in the Messaging view. The View view appears in the display.
2. To change the default Inbox view, select **Default inbox view:** and then select **Summary** or **Detail**.
3. To change the default Outbox view, select **Default outbox view:** and then select **Summary** or **Detail**.
4. To change the default Drafts view, select **Default drafts view:** and then select **Summary** or **Detail**.
5. To change the default Sent items view, select **Default sent items View:** and then select **Summary** or **Detail**.
6. To change the default Remote e-mail view, select **Default remote e-mail view:** and then select **Summary** or **Detail**.
7. Tap **OK** to implement and save the new settings. The display returns to the Messaging view.

E-mail settings

To change the e-mail settings:

1. Select **E-mail** from the list displayed in the Messaging view. The E-mail view appears in the display.
2. To change whether or not you want to quote the sender's e-mail text message when directly replying to the sender, select **Quote original text in reply:** and then select **Yes** or **No**.
3. To change the e-mail character set, select **Character set:** and then select **US ASCII**, **ISO8859-x** or **UTF-8**.

US ASCII - a character set covering the English alphabet: A to Z without accents.

ISO8859-x - a number of character sets (10) for different areas of the world, where **x** relates to the local version of the character set, i.e. ISO8859-5 for Cyrillic.

UTF-8 - a character set that covers all world characters.

4. To change the default e-mail account, select **Default account:** and select an account.
5. Tap **OK** to implement and save the new settings. The display returns to the Messaging view.

SMS settings

To change the SMS settings:

1. Select **SMS** from the list displayed in the Messaging view. The SMS view appears in the display.
2. To change the SMS service telephone number, select **Service centre No.:** and enter the new telephone number.
3. To change the E-mail via SMS service telephone number, select **E-mail via SMS No.:** and enter the new telephone number (this number will have been provided by your network operator).
4. To change the default SMS request reply option, select **Request reply:** and then select **Yes** or **No**.

If **Yes** is selected the **Request reply** field in your SMS message will show **Yes** (the recipient is requested to reply to your SMS message) as the default.

5. To change the default validity period of each SMS message, select **Validity period:** and then select **1 hour**, **12 hours**, **1 day**, **1 week** or **Maximum**.
6. To turn the concatenation (linking) of SMS messages on or off, select **Concatenate SMS:** and then select **Yes** or **No**.

If **Yes** is selected, and your network supports concatenation, **Concatenate SMS** enables you to send longer SMS messages (sent as multiple messages).

7. To change the SMS alert signal, select **Message alert:** and then select **None**, **Click** or **Tone**.
8. Tap **OK** to implement and save the new settings. The display returns to the Messaging view.

Area information settings

Area Information is a type of text message which is sent to all subscribers in a certain network area. The information may be a local road report or a phone number to a local taxi.

Note: *This feature may not be available on all networks.*

To change the area information settings:

1. Select **Area info** from the list displayed in the Messaging view. The Area Info view appears in the display.
2. To turn incoming area information messages on or off, select **Area info enabled:** and then select **No** or **Yes**. If off (No) then no incoming cell broadcasts are accepted.
3. Tap to implement and save the new settings. The display returns to the Messaging view.

Each type of Area Information message is identified by a three-digit code. The list below shows examples of the Area information codes that exist today.

Code:	AI Message Type:
000	Index
010	Newsflashes
020	Hospitals
022	Doctors
024	Pharmacies
030	Long-distance road reports
032	Local road reports
034	Taxis
040	Weather
050	District cell information
052	Network information
054	Operator services
056	Directory enquiries (national)
057	Directory enquiries (international)
058	Customer care (national)
059	Customer care (international)

Note: *These codes are operator dependent. For information about the area information services that you can use, please refer to the information supplied by your network operator.*

To change, add a new or delete an area information channel setting:

1. Select **Area info channels** from the list displayed in the Messaging view. The Area info channels view appears in the display.
2. To edit an area info channel, scroll and select the channel. The Edit channel view appears in the display.
To edit the three digit channel code, select **Channel code:** and edit the code.

To turn the channel code on or off, select **Subscription:** and then select **Inactive**, **Active** or **Auto-store**.

Tap **OK** to implement and save the new settings. The display returns to the Area info channels view.
3. To create a new area info channel, tap **+** and select **New channel**. The New channel view appears in the display.
Select **Channel code:** and enter the three digit channel code.

Select **Subscription:** and then select **Inactive**, **Active** or **Auto-store**.

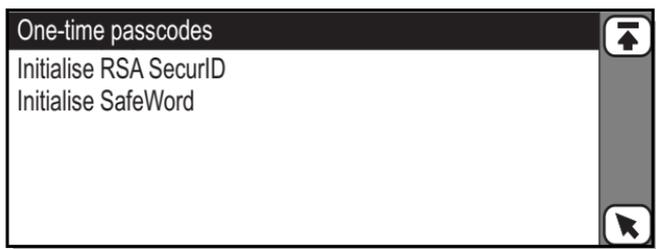
Tap **OK** to implement and save the new settings. The display returns to the Area info channels view.
4. To delete an area info channel, scroll and select the channel. The Edit channel view appears in the display.
Tap **-** and select **Delete**.
5. Tap **OK** to implement and save the new settings. The display returns to the Messaging view.

Security access settings

Security access settings allow you to initialise authentication software from RSA Security (RSA SecurID) and Secure Computing (Safeword). However, both cannot be initialised at the same time, i.e. you must only initialise either RSA SecurID or Safeword.

To change the access security settings:

1. Select **One-time passcodes** from the list displayed in the Extras/System/Preferences/Messaging view. The One-time passcodes view appears in the display.



If RSA SecurID or Safeword have previously been initialised, then **Get serial number** will also be displayed.

Note: *The initialisation information you receive from RSA Security (RSA SecurID) and Secure Computing (Safeword) is confidential and must be destroyed once you have entered the information into your R380s.*

To initialize or re-initialize the RSA SecurID:

- Select **Initialise RSA SecurID** from the list displayed in the One-time passcodes view.

If no previous initialisation has been performed, the Initialise RSA SecurID view appears in the display. Select the **User ID:** and **Activation licence:** sections and enter your user identification and the seed data in their respective sections, then tap **OK**. If any of the entered values cannot be validated a warning message appears stating which value was incorrect. Otherwise, an information view appears informing you that “RSA SecurID has been successfully initialised”. Select **OK** to return to the One-time passcodes view.

If initialisation has already been performed, a Re-Initialise confirmation message appears stating that the “Current initialisation data will be lost” and asking “Are you sure?”. Select **No** if you want to retain the previous initialisation and return to the One-time passcodes view. Otherwise, select **Yes**. The Initialise RSA SecurID view appears in the display. Change the initialisation data as described above.

To initialize or re-initialize Safeword:

1. Select **Initialise Safeword** from the list displayed in the One-time passcodes view. The Initialise Safeword view appears in the display.
2. Select **Serial number:** and **Authorisation code:**, enter the required data and then tap **OK**. If there is an incorrect value in any of the sections a warning view appears stating which value is incorrect. Otherwise, a second Initialise safeword view appears in the display.
3. Select **Key phrase:**, enter the key phrase and then tap **OK**. If the key phrase is incorrect a warning message appears in the display. Otherwise, a third Initialise Safeword view appears in the display.
4. Select **User ID:** and enter your user identification.
5. Select **Choose PIN:** and enter a PIN.
6. Select **Confirm PIN:**, then enter the PIN that was entered in the previous step and then tap **OK**. If the PIN's do not match or the user ID is incorrect a warning message appears in the display. Otherwise, you will see a message confirming that the Safeword has been successfully initialised. Select **OK** to return to the One-time passcodes view. Change Safeword PIN appears in the display.

To change the Safeword PIN:

1. Select **Change Safeword PIN:** from the list displayed in the One-time passcodes view. The Change Safeword PIN view appears in the display.
2. Select **Old PIN:** and then enter your PIN.
3. Select **New PIN:** and then enter a new PIN.
4. Select **Confirm PIN:**, then enter the PIN number that was chosen in the previous step and then tap **OK**. If any of the PINs are incorrect a warning message appears in the display. Otherwise, you see a message telling you that the Safeword PIN has been successfully initialised. Select **OK** to return to the One-time passcodes view.

To view your serial number:

- Select **Get serial number** from the list displayed in the One-time passcodes view. The serial number view appears in the display providing you with the serial number of the initialised authentication token (SecurID or SafeWord).

E-mail account settings

A number of e-mail accounts can be set up in your R380s. If more than one account exists, you can select which account is to be used when composing an e-mail message.

To create or change an e-mail accounts settings:

1. Select **E-mail accounts:** from the list displayed in the Messaging view. The E-mail accounts view appears in the display.
2. Tap  and select **New e-mail account:**. The New e-mail account view appears in the display.



New e-mail account	
Name:	<Enter name>
E-mail address:	<Enter e-mail address>
Protocol:	<POP3>
Username:	<Enter username>
Password:	<Enter password>
Confirm password:	<Enter password>

Alternatively, you can tap on an account you want to change. A view with the name of the account appears in the display.

3. To enter or change the name of the account, select **Name:** and enter a name for the account.
4. To enter or change your e-mail address, select **E-mail address:** and enter your new e-mail address.
5. To enter your internet e-mail network protocol, select **Protocol:** and then select **IMAP4** or **POP3**. These settings are provided by your internet service provider.

Note: *You cannot change the protocol setting for an account that already exists.*

6. To enter or change the user name required for accessing the incoming mail server, select **Username:** and enter a new user name.
7. To enter or change the password required for accessing the incoming mail server, select **Password:** and enter a new password.
8. To enter or change the confirm password required for accessing the incoming mail server, select **Confirm password:** and enter the new password (you chose in step 7).
9. To enter or change your outgoing mail server address, select **Outgoing server:** and enter your new outgoing mail address.
10. To enter or change your incoming mail server address, select **Incoming server:** and enter your new incoming mail address.
11. To enter or change the e-mail address to which recipients will reply (by default this will be set to the address entered as "Owner Address"), select **Reply To:** and enter a new reply to address.

12. Tap **OK** to implement and save the new settings. The display returns to the Messaging settings view.

To delete an e-mail account:

1. Select **E-mail accounts** from the list displayed in the Messaging view. The E-mail accounts view appears in the display.
2. Select the account you want to delete. The Account (Name of account) view appears in the display.
3. Tap **⋮** and select **Delete** from the pop-up menu. The following may occur when deleting an e-mail account from the device:
 - When attempting to delete a PC mail account, you are informed that the selected account is a PC mail account and asked if you would like to delete this account. Select **Yes** to delete the account or **No** to return to the E-mail accounts view.

If you selected **Yes** you informed that deleting the selected account deletes all associated messages held on your R380s. Select **Yes** to delete the account and all associated messages or **No** to cancel deleting the account.

- When attempting to delete a normal, non-PC mail account, the messaging application will ensure that there are no associated messages on your R380s. If no associated messages are found then the account will be deleted. If there are associated messages, then you are informed that the account has associated messages and can not be deleted.

WAP services settings

To change the WAP services settings:

1. Select **WAP services settings** from the list displayed in the Preferences view. The WAP services settings view appears in the display.



To change the appearance settings:

1. Select **Appearance** from the list displayed in the WAP services settings view. The WAP - Appearance settings view appears in the display.
2. To change whether or not images are loaded, select **Load images:** and then select **Yes** or **No**.
3. To change whether or not hyperlinks are contained within a frame, select **Frame image links:** and then select **Yes** or **No**.
4. To change whether or not the sequence of titles is shown in the title bar, select **Show title sequence:** and then select **Yes** or **No**.
5. Tap **OK** to implement and save the new settings. The display returns to the WAP services settings view.

To change the cache settings:

1. Select **Cache** from the list displayed in the WAP services settings view. The WAP - Cache settings view appears in the display.
2. To change the size of the cache memory that is reserved for storing previously visited pages, select **Cache size (KB):** and select the required size.
3. Tap **OK** to implement and save the new settings. The display returns to the WAP services settings view.

To create a new WAP profile:

1. Select **WAP profiles** from the list displayed in the WAP services settings view. The WAP profiles view appears in the display.
2. Tap **+** and select **New WAP Profile**. The New WAP profile view appears in the display.
3. Enter the required information.
 - **Name:** Enter a name for this profile.
 - **Service provider:** Tap the service provider field and select which service provider to use for this profile. If you would like to select a service provider whenever you use this profile, choose **[Always ask]**
 - **Gateway:** Enter the IP address for the WAP gateway.
 - **Gateway username:** Enter the your username for the gateway.
 - **Gateway password:** Enter your password.
 - **Confirm password:** Re-enter your password for confirmation.
 - **Security:** Select whether or not you want the Security on. If **On** is selected, all data sent to and from the gateway will be encrypted. Default is **Off**.

- **Connection mode:** Select the connection type: either **Connectionless** or **Connection oriented**.
4. To set the WAP profile as the default profile, tap  and select **Set as default**.
 5. Tap  to save the new profile. The display returns to the WAP profile view.

Note: *Although supported, the Username and Password are not always necessary and can be left empty.*

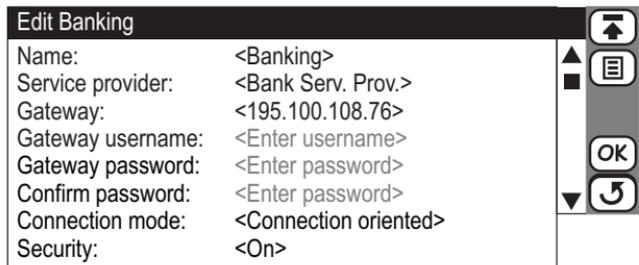
To edit, set as default, or delete a profile:

1. From within the **Extras** tab, tap **System** and choose **Preferences**.
2. Select **WAP Services** from the list, and then select **WAP profiles** from the list in the WAP services settings view.

The WAP profiles view is displayed.



3. Tap the required profile in the list. The edit view is displayed.



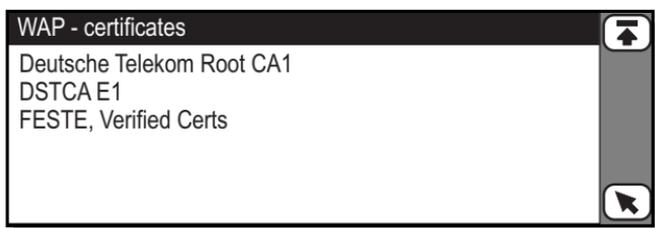
4. To delete the profile or set it as the default, tap  and select **Delete** or **Set as default** as appropriate.
5. To edit the profile, tap the item to edit. Notice that for reasons of security the username and password fields will always be displayed as **<Enter username>** and **<Enter password>**.

To change the history settings:

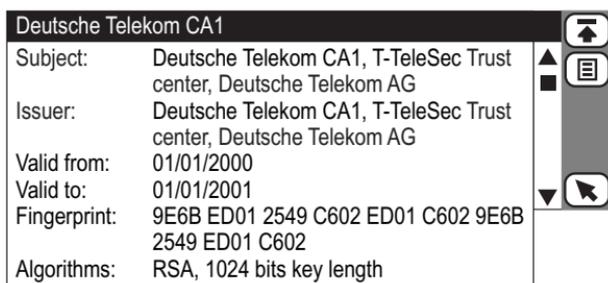
1. Select **History** from the list displayed in the WAP services settings view. The WAP - History settings view appears in the display.
2. To change the number of history items stored (links to pages you have visited), select **Number of items to keep:** and use the left and right scroll arrows to select the required number.
3. To clear the currently stored history list, tap  and select **Clear history list**.
4. Tap  to implement and save the new settings. The display returns to the WAP services settings view.

To view certificates:

1. From within the **Extras** tab, tap **System** and choose **Preferences**. Then select **WAP Services** from the list.
2. Select **Certificates** from the list. The WAP-certificates view displays listing the available certificates.



3. Tap the certificate to be viewed. In practice you will need to scroll to see all the fields illustrated below.



To delete a certificate:

1. When viewing a certificate tap  and select **Delete**, and then tap **OK** to confirm the deletion.

To add a certificate:

1. When you go to a site that requires a certificate, it is downloaded and the New Certificate view displays. The details of the certificate appear.
2. To accept the certificate and store it in your phone, tap **OK**. If a certificate with the same name is already held, a message will ask if you wish to keep the original certificate or replace it.
3. To cancel the download, or reject the certificate when it has been downloaded tap **Cancel**.

Service providers settings

A number of Service providers can be set up in your R380. If there is only one Service provider available, then it is used as the default. If there is more than one Service provider available, then you are prompted upon connection, as to which service provider to connect to.

To create a new service provider or change an existing service providers settings:

1. Select **Service providers** from the list displayed in the Preferences view. The Service providers view appears in the display.
2. Tap **+** and select **New service provider**. The New service provider view appears in the display.

or

Select the service provider to be changed. A view with the name of the service provider appears in the display.

3. To enter or change the name of the service provider, select **Name:** and enter a name for the service provider.
4. To enter or change the telephone number of the network service provider, select **Tel. number:** and enter the new number using the phone entry touch sensitive keypad that appears in the display.
5. To enter or change the network protocol, select **Bearer capability:** and then select **ISDN** or **Analogue**.
6. To enter or change the user name required for network access, select **Username:** and enter a new user name.
7. To enter or change the password required for network access, select **Password:** and enter a new password.
8. To enter or change the confirm password required for network access, select **Confirm password:** and enter the new password (you chose in step 7).

9. To enter or change whether the IP address assignment is performed automatically from the server or remains static according to the setting in the “Own IP-address” section, select **IP assignment:** and then select **Server** or **Static**.
10. To enter or change whether the DNS IP address assignment is performed automatically from the server or remains static according to the settings in the “Primary DNS” or “Secondary DNS” sections, select **DNS assignment:** and then select **Server** or **Static**.
11. To enter or change the static IP address for the R380s, select **Own IP address:** and enter a new IP address.
12. To enter or change the static primary DNS IP address for the R380s, select **Primary DNS:** and enter a new primary DNS IP address.
13. To enter or change the static secondary DNS IP address for the R380s, select **Secondary DNS:** and enter a new secondary DNS IP address.
14. To change the secure username (only available if sent by your service provider), select **Secure username:** and make your change.



Warning! *You are advised not to make changes to the secure username, except when directed by your service provider.*

15. Tap **OK** to implement and save the new settings. The display returns to the Preferences view.

Port settings

To change the port settings:

1. Select **Port** from the list displayed in the Settings view. The Port settings view appears in the display.
2. To change the baud rate of the serial port, select **Baud rate** and then select **2400, 4800, 9600, 19200, 38400, 57600** or **115200**.
3. To change the parity checking for the serial port communication, select **Parity:** and then select **None, Odd, Even, Mark** or **Space**.
4. To change the number of stop-bits for the serial port communication, select **Stop bits:** and then select **1** or **2**.
5. To change the number of bits per character for the serial port communication, select **Character length:** and then select **5, 6, 7** or **8**.
6. To change the flow control protocol for the serial port communication, select **Flow control:** and then select **CTS/RTS** or **XON/XOFF**.

7. Tap **OK** to implement and save the new settings. The display returns to the Settings view.

Note: *You cannot change the port setting while the port is in use.*

Calculator settings

To change the calculator settings:

1. Select **Calculator** from the list displayed in the Settings view. The Calculator settings view appears in the display.
2. To change the number of decimal places to be displayed on screen, select **Number of decimal places:** and use the left and right scroll arrows to select **Auto** or a number between **0** to **9**.
3. To change the keypad position, select **Keypad position:** and select **Right** or **Left**.
4. Tap **OK** to implement and save the new settings. The display returns to the Settings view.

Reset language

To activate the reset language settings:

1. Select **Reset language** from the list displayed in the Preferences view. The Reset language confirmation view appears stating “Set language to <language>” and asking whether or not you want to “Continue?”.
2. Select **Yes** to reset the language, keyboard layout, time and date format, decimal symbol and sorting order of the locale settings. An information view appears stating “Reset language” and “Please restart the phone to update the language”. Select **OK** and restart your R380s to implement the Reset language settings.

Master reset

You can reset the R380s’s settings to the way they were when you bought your R380s: all data you have entered is erased. It is therefore recommended that you back-up all data to your PC before carrying out a Master reset, as some of the erased data may need to be re-entered into your R380s, i.e. Internet service provider settings, etc.

To activate the master reset settings:

1. Select **Master reset** from the list displayed in the Settings view. The “Master reset” confirmation view appears stating “Restore settings to factory defaults and erase all user data” and asking whether or not you want to “Continue?”.

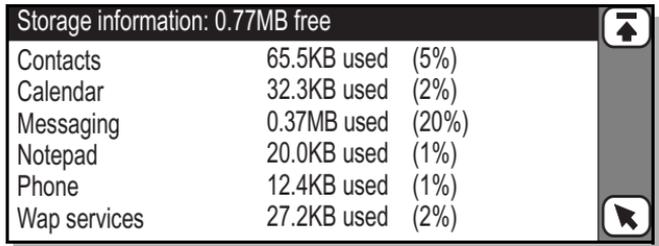
2. Select **Yes** and enter the Phone lock code when requested. An information view appears stating “Master reset” and “Please restart the phone to perform the master reset”. Select **OK** and restart your R380s to implement the Master reset settings.

Storage

Storage provides you with information relating to the amount of program memory being used, and the amount of memory that is currently free.

To access memory information:

1. Select **Storage** from the list displayed in the System view. The Memory information view appears in the display.

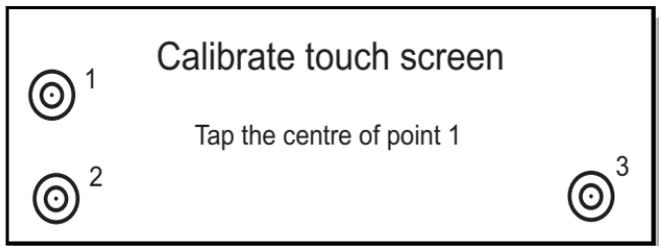


Storage information: 0.77MB free		
Contacts	65.5KB used	(5%)
Calendar	32.3KB used	(2%)
Messaging	0.37MB used	(20%)
Notepad	20.0KB used	(1%)
Phone	12.4KB used	(1%)
Wap services	27.2KB used	(2%)

This view is read only and displays the amount of free memory (MB) in the title bar of the view. For each of the programs listed the amount of memory being used is converted and displayed in Kilobytes (KB)/Megabytes (MB), to one decimal place. You can also see in percentage how much memory has been used.

Touch screen

Touch screen allows you to calibrate the screen.



To perform a touchscreen calibration:

1. Select **Touchscreen calibration** from the list displayed in the System view. The Calibrate touch screen view appears in the display.

2. Tap the centre of point 1 as stipulated in the view. The displayed message changes to “Tap the centre of point 2”.
3. Tap the centre of point 2 and then point 3 to complete the screen calibration procedure. The Calibration complete confirmation view appears in the display.

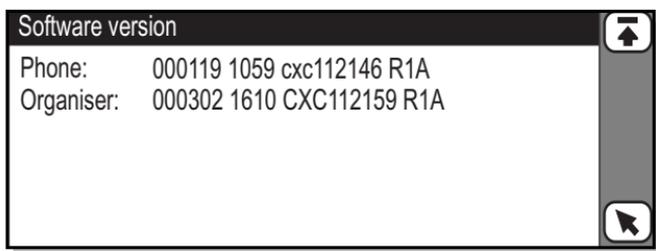
Tap the **Yes** button to accept the calibration. Otherwise, tap the **No** button to cancel the screen calibration and keep the previous setting.

Software version

Software version provides you with information about the organiser software and identifies the versions of the software that reside on your R380s.

To get information relating to the software versions:

- Select **Software version** from the list displayed in the System view. The Software version view appears in the display providing you with information relating to the software versions on your R380s.



R380 Communications Suite

The R380 Communications Suite allows you to synchronize the data of your R380s and your computer. You can also make backups and restore to your R380s.

This chapter tells you how to:

- Connect your R380s to your computer.
- Synchronize the data between your R380s and your computer.
- Store backups from your R380s on your computer.
- Restore backups from your computer to your R380s.
- Find help on a particular subject.

Note: *R380 Communications Suite's online help also explains how to use all program features.*



Warning! *When synchronizing e-mails, make sure attached files are not infected with a virus. It is recommended that you run a check with an anti-virus program on your computer immediately after synchronizing.*

Connecting your R380s to your computer

Connecting your R380s to your computer allows you to manage information that you want to keep up-to-date on both your computer and R380s, such as calendar appointments, contact information, e-mail messages or notepad entries. Also, it allows you to backup the contents of your R380s to the computer and to restore the information if you encounter problems with your R380s.

Before you can connect your R380s to a computer, you need to:

1. Make sure your computer meets the requirements described below.
2. Install the R380 Communications Suite on your computer.
3. Connect to your computer via the serial cable.

Note: *The term 'computer' is equivalent to PC.*

System requirements

Before you can connect your R380s, your computer should have:

- Windows 95/98/2000 SP 1 /NT 4.0 (at least service pack 5.0) installed.
- A Pentium processor, 166 Mhz or above, including 50 MB of free hard drive space and a CD-ROM drive.
- Serial port capability set up for communication.

Note: *Communication speeds should be set up as follows: serial at 115200 baud.*

- A Personal Information Manager (PIM) is required to synchronise your R380 data with your PC. The supported PIMs are:
 - Microsoft® Outlook®.
 - Microsoft® Schedule+.
 - Microsoft® Exchange.
 - Lotus Organizer® (version 4.1 and 5.0).
 - Lotus Notes® (version 4.6 and 5.0).

The other functions (e.g. backup and restore) do not require the presence of a PIM on your PC.

Note: *Lotus Organizer version 5.0 is included on the CD-ROM, should you require a PIM.*

R380 Communications Suite installation

Before you can synchronize or back up the contents of your R380s, you need to install the R380 Communications Suite on your computer.

To install the R380 Communications Suite:

Note: *Choose to install without having your R380s connected.*

1. Insert the CD into your computer's CD-ROM drive.
2. Select the desired language and click **OK**.
3. Select **Install R380 Communications Suite**.
4. Follow the on-screen instructions to install the R380 Communications Suite.

The CD normally starts automatically. However, if it does not, run the R380 Communications Suite setup file to install manually, e.g. if you wish to install R380 Communications Suite from a networked CD-ROM drive.

To run the Setup manually, if needed:

1. Select **Run** from the **Start** menu.
2. Enter 'D:\Start.exe' where D: is the letter of your CD-ROM drive or select **Browse** and navigate to the 'Start.exe' file on the R380 Communications Suite CD-ROM. Select **OK** to start the installation.

or

- Open Windows Explorer and select your CD-ROM drive. Scroll to, and double-click, the 'Start.exe' file.

To install Lotus Organizer 5.0 from the CD-ROM:

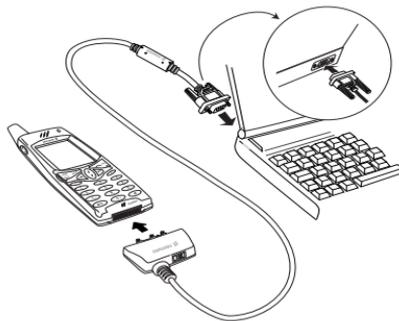
1. Run the R380 Communications Suite CD-ROM automatically or manually as above.
2. Select the desired language and click **OK**.
3. Select **Install Lotus Organizer® 5.0**.
4. Read the information and click **Install now!**
5. Follow the on-screen instructions to complete the installation.

Note: *The English version of the Lotus Organizer manual can be found on the R380 Communications Suite CD-ROM at D:\Utilities\Lotus\English\Pdf\Org_5.pdf.*

Preparing your R380s

Once you have installed the R380 Communications Suite you can now connect your R380 to your computer. Your R380s has a built-in serial port for communication.

Serial connection



1. Locate the serial port on your computer, usually found at the back of your computer.

Note: Usually, it does not matter which serial port you use to connect to your R380s. R380 Communications Suite quickly checks each port in turn to find a connected R380s. If connection problems arise, see “Troubleshooting” on page 189.

2. Plug the 9-pin connector on the cable into your computer serial port, and the Ericsson connector, with the logo facing upwards, into the interface at the bottom of your R380s.

Note: You should not have to apply force when inserting the connector into the port on your R380s. If you have difficulty connecting the cable to your R380s, you may be attempting to insert the connector upside down.

3. Your computer now attempts to establish contact with your R380s.

Note: The Ericsson RS232 cable supports the following five signals in the RS232 standard: Tx, Rx, CTS, RTS, GND. If you experience any problem with your connection, please go to Ericsson Mobile Internet at: <http://mobileinternet.ericsson.com> for further information and support.

Connecting with R380 Communications Suite

R380 Communications Suite automatically establishes a connection between your computer and R380s. You can tell if your R380s is connected by glancing at the **Connection** icon on the taskbar (close to the clock).

-  Your computer is connected to the R380s. When a connection is made, the icon appears as a telephone on the taskbar (close to the clock).

Connecting for the first time

When you connect to your computer for the first time, a connection wizard tries to identify your R380s.

1. Follow the instructions in the wizard.
2. Enter a name to identify your R380s when asked to do so.
3. You are now asked to choose your synchronizing settings.

Note: You must choose a different name for each R380s you connect to your computer. R380 Communications Suite uses the name you enter to identify information and backup files specific to each R380s.



Finding the R380 Communications Suite on the desktop

With R380 Communications Suite a number of menu items and shortcuts are installed in your Windows environment.

- You can access all of the programs as well as the online help from the **Start** menu, by selecting **Start|Programs|Ericsson|R380 Communications Suite**.

Tip! *There are further settings that you can change in the **Backup, Restore and Synchronization Settings**.*

By double-clicking the **R380 Synchronize** icon on the computer desktop, you can synchronize your R380s with your PC using the settings you selected for synchronizing. See “Synchronizing your R380s” on page 185.

By choosing **Backup** on the Start menu, you can make backups of your R380s, which you can store in your computer. See “Backing up your R380s” on page 186.

By choosing **Restore** on the Start menu, you can restore a backup if needed. See “Restoring your R380s” on page 187.

The **Connection** icon placed on the taskbar (close to the clock) shows when your R380s is connected to the computer. You can right-click the **Connection** icon to display a quick menu.

There is often more than one way to access a particular feature in the R380 Communications Suite, e.g. via the icon on the computer desktop, the start menu or the taskbar. This guide describes only the most straightforward methods of using the R380 Communications Suite to help you get started. See the online help for more information about other ways of using the R380 Communications Suite, and setting up the R380 Communications Suite to meet your requirements.

Synchronizing your R380s

What is synchronization?

You can use synchronization to manage information which you want to keep up-to-date on both your computer and R380s, such as calendar appointments, contact information, e-mail messages or notepad entries. When you synchronize, the Synchronize program checks the information in your computer scheduler with the matching file on your R380s, and then updates both your computer and R380s to include the new information. Some examples of synchronization are:

- If you add a new appointment in your R380s Calendar, the date, time and notes for the entry will be copied to your computer scheduler.
- If you change a phone number in your computer scheduler, it will be amended in the contacts database of your R380s.
- You and other colleagues can synchronize your work Calendars with the same master scheduler on a networked computer using different account names.
- You may have an e-mail and personal account on your computer at home or at work. Both can be synchronized with your R380s using different account names. See the online help for more information on how to set account names.

To start synchronization

1. Connect the serial cable to your R380s and computer.
2. Double-click the **R380 Synchronize** icon on the desktop. Synchronization starts.
3. When the synchronization has successfully been completed, click **Close** to exit the dialog box.

To schedule automatic synchronizations

1. Click **Start|Programs|Ericsson|R380 Communications Suite** and choose **Synchronization Settings**.
2. Select the **General** tab in the dialog box that appears.
3. Select whether you want synchronizations to be manual, i.e you start the synchronization manually when you want to synchronize. You can also choose an automatic synchronization each time/day/week when you connect. Manual synchronization is default.
4. Click **OK** to save and exit the dialog box.

Tip! *See the online help for more information on how to synchronize your R380s with a computer scheduler and how to choose the synchronization settings.*



Backing up your R380s

Performing your first backup

You can use the Backup program to back up the data stored in your R380s to your computer. Keeping backups of your R380s contents on your computer means that you have a separate copy of the contents of the R380s, which can be restored.

To make a backup:

1. Connect the serial cable to your R380s and computer.
2. Click **Start|Programs|Ericsson|R380 Communications Suite** and choose **Backup**.
3. In the **R380 Backup** dialog box you can add additional information (name/comment) to your backup in the **Label as** text box.
4. Click **Start Backup**. A progress window appears showing how long the backup will take.
5. When the backup has successfully been completed, click **OK** to exit the dialog box

Tip! *See the online help for more information on how to back up and restore your R380s contents.*

Setting a backup reminder

You can set the **Backup** program to remind you to make backups at regular intervals so you do not need to remember to back up your R380s.

To set a backup reminder:

1. Connect the serial cable to your R380s and computer.
2. Click **Start|Programs|Ericsson|R380 Communications Suite** and choose **Backup**.
3. In the R380s Backup dialog box, click **Options**.
4. Select one of the check boxes under **Remind me to back up** and adjust how often you want to be reminded. You can choose to be reminded every X days or at every X synchronization or a combination of these two.
5. Click **OK** to save the changes.

Tip! *See the online help for more information on how to adjust the backup settings.*



Restoring your R380s

If you have lost data or accidentally deleted information in your R380s you can restore an earlier backup.

To restore a backup:

1. Connect the serial cable to your R380s and computer.
2. Click **Start|Programs|Ericsson|R380 Communications Suite** and choose **Restore**.
3. Select one of the backups in the list of previously saved backups and click **Start Restore**.
4. Click **Yes** to confirm that you want to continue.

Warning! *Everything in your R380s will be overwritten by the chosen backup. Once you have clicked Yes to start the restore, you cannot cancel the procedure.*

5. When the restore has successfully been completed, click **OK** to exit the dialog box.

Note: *See the online help for more information on how to restore backups.*

Changing the language in your R380s

English is always available from your R380s.

To change the language:

1. Connect the serial cable to your R380s and computer.
2. Insert the Ericsson CD and it starts automatically.
3. Select the language to use for the CD and click **OK**.
4. Click **Change Language in R380** under the Communications heading.
5. In the dialog box which appears, select the language you want to change to in the drop-down list box and click **OK** to proceed.
6. Click **Yes** to confirm that you want to change to the chosen language.
7. When the change of language has been successfully completed you must disconnect your R380s, turn it off and turn it on again.

Note: *When changing language the settings for keyboard layout, time format, date format, decimal symbol and sorting order is changed into the default settings for that country. You can always switch between two different languages in your R380s, i.e. English and the language you choose in the Change language in R380 program.*

Getting help

Where can I find more help?

R380 Communications Suite includes comprehensive online help, which describes all of the program's features and functions. Please consult the online help for further information or guidance on using R380s Communications Suite.

You can display the help topics by:

- Selecting **Start|Programs|Ericsson|R380 Communications Suite|Help**.
- Pressing the **F1** key or clicking the **Help** button in a specific dialog box.
- Right-clicking the phone icon on the taskbar and choosing **Help** from the quick menu that appears.

Tip! *Further information and help support can be found at <http://mobileinternet.ericsson.com> (Ericsson's Mobile Internet).*

Tips on using the R380 Communications Suite help

From the **Help Topics** window, you can find the information you require as follows:

- From the **Contents** tab, you can select a topic from a structured list, e.g. how to perform a particular task, or troubleshooting information about how to solve a problem. To find the topic you want, double-click the topic folders  to find the general area of interest, and then choose the topic  you want to display.
- From the **Index** tab, you can find the topic you want by entering any word linked to the subject, such as 'backup' to find topics containing information about how to back up your R380s.
- From the **Search** tab, you can search for an exact word or phrase contained within a topic, such as 'serial port' to find all the topics in the online help containing this phrase.

Tip! *To provide further assistance, help topics may also provide links to other help topics covering similar subjects under a heading called 'See also'.*

Troubleshooting

This chapter consists of an alphabetical selection of suggestions for solving possible problems with your R380s.

Blocked contact card provider

The SIM card is permanently blocked after the unblocking code has been entered incorrectly ten times in a row. Contact your network operator.

Card blocked unblock?

This message appears if the PIN code has been entered incorrectly three times in a row.

To unblock the SIM card:

1. Press **YES**.
2. Enter your personal unblocking key (PUK) and press **#**.

Note: *Your PUK is provided by your network operator when you purchase your SIM card.*

Enter new PIN appears in the display.

3. Enter your PIN code and press **#**. You can enter either your current PIN code or a new one. Repeat **new PIN** appears in the display.
4. Enter your PIN code again for confirmation and press **#**.

If you entered both your unblocking key and PIN code correctly, the message **New PIN** appears in the display.

Alternative method for unblocking the SIM card

To unblock the SIM card, enter the following sequence:

*** 0 5 * unblock key * new PIN * new PIN #**

Display limitations

In all cases where numbers or characters exceed the available display space, truncation or dots are used to compensate for this.

Numbers are truncated at the beginning, for example **...555666777**.

Characters are truncated at the end, for example **Methusel...**

Emergency calls only

A network is within range but you are not allowed to use this network. You may, however, call the emergency number 112.

Fax calls

Your R380s does not support fax transmission. Even if your operator subscription supports fax transmission, fax calls are rejected.

However they can be forwarded to another number such as the office fax number, see “Divert calls” on page 74 for more information.

Note: *Make sure potential fax callers do not try to send a fax to your R380s as they can experience a number of retries before the fax transmission is stopped.*

Indicator light

Blinks red

This indicates that the battery is running low and soon needs recharging or replacing with a spare.

Note: *With Vehicle Hands Free (VHF) equipment, make sure that the following are inserted or connected: your R380s and its holder; the fuse in the fuse holder; and/or the external antenna.*

Does not blink

If the indicator light at the top of your R380s does not blink and no network is displayed then there is not a network within range. See ‘No network is displayed’.

Insert card

A SIM card has not been inserted into your R380s. See “The SIM card” on page 11 for instructions on inserting the SIM card.

Key symbol

The keypad is locked to prevent unintentional key action.

Press  followed by  to unlock the keys.

Memory/Disk full

Due to memory limitations, your R380s has no more space available to save or store information.

Warning! *Make sure regular backups are made with Communications Suite to reduce the risk of lost or corrupted information.*

To free up memory, erase unused or old:

- Call logs.
- Contacts.
- Messages.
- Calendar To-dos or appointments.
- WAP history or bookmarks.



- Notepad notes.

No network

This indicates that no network is within range. The reason for this is either:

1. You are in an area that is not covered by a network.
2. The received signal is too weak, possibly because you are being shielded from the signal. Move to obtain a sufficiently strong signal. Check your display Signal strength indicator.

Phone locked

Phone locked is displayed followed by the prompt **Enter code:**. Your R380s is locked to prevent unauthorized use.

To unlock the R380s:

- Enter your personal security code then press # (or **YES**).

PIN & unblocking PUK code

Contact your dealer if you have forgotten your PIN or unblocking PUK code. The only way to unlock your R380s is by using your PIN or unblocking PUK code.



Tip! *Store PIN and unblocking PUK code information in a safe place. For security reasons, it may take some time to unlock the R380s if this information is lost or misplaced.*

Start problems

- Hand-held phone: Recharge or replace the battery.
- Vehicle hands free: Check that the R380s is properly inserted into the holder and check the fuse in the fuse holder: which is connected to the battery cable.

Wrong PIN

The PIN code has been entered incorrectly. The message is followed by the prompt **Enter PIN**.

Enter the PIN code correctly and press # (or **YES**).

Note: *If your PIN is entered incorrectly three times in a row, the SIM card is blocked. You can unblock it by using your PUK.*

Important Information

Safe and Efficient Use

Note: *Read this information before using your smartphone.*

PRODUCT CARE AND MAINTENANCE

Your smartphone is a highly sophisticated electronic device. To get the most out of your smartphone read this text about product care, safe and efficient use.

PRODUCT CARE

- **Do not** expose your product to liquid or moisture.
- **Do not** expose your product to extreme temperatures.
- **Do not** expose your product to lit candles, cigarettes, cigars, open flames, etc.
- **Do not** tap the screen with any object that has a sharp tip or may damage the screen. Do not use any type of ink pen, as the ink may be impossible to remove. When not in use, keep the supplied pen in the storage compartment of the product.
- **Do not** drop, throw or try to bend the product, or press the keys with extreme force.
- **Do not** use any other accessories than Ericsson originals. Failure to do so may result in loss of performance, damage to the phone, fire, electric shock or injury, and will void warranty.
- **Do not** attempt to disassemble your product. Doing so will void warranty. The product does not contain consumer serviceable components. Service should only be performed by Authorized Service Partners.
- **Do not** keep the product next to credit cards or transport tickets; the speaker magnet could corrupt the information on the magnetic strip.
- **Do not** keep the product in an area prone to dust and dirt. These can impair the operation of the moving parts of your product.
- **Do not** allow children to play with your product. Children could hurt themselves or others and also damage the unit.
- When you need to clean the screen, switch off the product and use a commercial glass screen cleaner sprayed on a soft cloth. Avoid spraying the screen directly.

- Over time, you may notice rainbow-like rings forming on the screen. These rings are only cosmetic and will not impede the functioning of your product.
- Keep the product away from strong magnetic fields (e.g. loudspeakers) and sources of static electricity.
- **If you will not be using the product for a while, store it in a place that is dry, free from damp, dust and extreme heat and cold. As a matter of precaution, make a back-up of your files before you store your product.**

Antenna Care and Replacement

To avoid impaired performance please ensure your smartphone's antenna is not bent or damaged.

Do not remove the antenna yourself. If your phone's antenna is damaged please take it to an Authorized Service Partner.

Only use an antenna that has been specifically designed for your phone. Unauthorised antennas, modifications, or attachments could damage the phone and may violate the appropriate regulations causing loss of performance and radio frequency (RF) energy above the recommended limits.

Efficient Operation

To enjoy optimum performance with minimum power consumption please:

Hold the phone as you would any other telephone. While speaking directly into the mouthpiece, angle the antenna in a direction up and over your shoulder.

Do not hold the antenna when the phone is in use. Holding the antenna affects call quality, may cause the phone to operate at a higher power level than needed and shorten talk and standby times. Never direct the infrared ray at anyone's eye and make sure that it does not disturb any other infrared units.

When using the Office Speaker function, it is recommended that your smartphone is placed on a desktop, at a distance of at least an arm's length away. As with any loudspeaker, serious ear problems can be caused by loud noises too close to your ears.

RADIO FREQUENCY ENERGY

Your smartphone is a radio transmitter and receiver. When the phone is turned on, it receives and transmits radio frequency (RF) energy. Depending on the type of smartphone you possess, it operates on different frequency ranges and employs commonly used modulation techniques. The system that handles your call when you are using your phone controls the power level at which your phone transmits.

EXPOSURE TO RADIO FREQUENCY ENERGY

The International Commission on Non-Ionising Radiation Protection (ICNIRP), supported by the World Health Organisation (WHO), published during 1996 a statement and in 1998 guidelines which set recommended limits for exposure to RF fields from handheld mobile telephones. According to ICNIRP statement, which is based on the available body of research, there is no evidence that mobile terminals meeting the recommended limits can cause any adverse health effects. All Ericsson telephones conform to the ICNIRP guidelines and other international exposure standards, such as:

CENELEC EUROPEAN PRE-STANDARD ENV50166-2:1995
(EUROPE)

ANSI/IEEE C95.1-1992 (USA, ASIA-PACIFIC)

AS/NZS 2772.1 (INT):1998 (AUSTRALIA, NEW ZEALAND)

DRIVING

Check the laws and regulations on the use of phones in the areas where you drive. If you are going to use your phone while driving, please:

Give full attention to driving.

Use an Ericsson Vehicle Handsfree solution, if available. Law in many countries requires Vehicle Handsfree solution. Read the installation instructions carefully before installing a Vehicle Handsfree solution.

Pull off the road and park before making or answering a call if driving conditions so require.

RF energy may affect some electronic systems in motor vehicles such as car stereo, safety equipment etc. In addition, some vehicle manufacturers do not allow use of phones, unless the installation is supported by a handsfree kit with an external antenna, in their vehicles. Check with your vehicle manufacturer's representative to be sure that your smartphone will not affect the electronic systems in your vehicle.

Vehicles Equipped with an Air Bag

An air bag inflates with great force. Do not place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

ELECTRONIC DEVICES

Most modern electronic equipment, for example equipment in hospitals and cars, is shielded from RF energy. However, certain electronic equipment is not, therefore:

Do not use your smartphone near medical equipment without requesting permission.

Smartphones may affect the operation of some implanted cardiac pacemakers and other medically implanted equipment. Pacemaker patients should be aware that the use of a smartphone very close to a pacemaker might cause the device to malfunction. Avoid placing the phone over the pacemaker, e.g. in your breast pocket. When using the phone, place it at your ear opposite the pacemaker. If a minimum distance of 15 cm is kept between the phone and the pacemaker, the risk of interference is limited. If you have any reason to suspect that interference is taking place, immediately turn off your smartphone. contact your cardiologist for more information.

Some hearing aids might be disturbed by smartphones. In the event of such disturbance, you may want to consult your service provider, or call the customer services line to discuss alternatives.

Operation of your smartphone close to other electronic equipment, such as televisions, radios and personal computers may cause interference.

AIRCRAFT

Turn off your smartphone before boarding any aircraft.

Do not use it on the ground without crew permission.

To prevent interference with communication systems, you must not use your smartphone while the plane is in the air.

BLASTING AREAS

Turn off your smartphone when in a blasting area or in areas posted “Turn Off Two-way Radio” to avoid interfering with blasting operations. Construction crews often use remote control RF devices to set off explosives.

POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn off your smartphone when in any area with a potentially explosive atmosphere. It is rare, but your smartphone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fuelling areas, such as petrol stations, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle, which contains your smartphone and accessories.

POWER SUPPLY

Connect AC (Power supply) only to designated power sources as marked on the product.

To reduce risk of damage to the electric cord, remove it from the outlet by holding onto the AC adapter rather than the cord.

Make sure the cord is positioned so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.

To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it.

The charger must not be used outdoors or in damp areas.

CHILDREN

Do not allow children to play with your smartphone since it contains small parts that could become detached and create a choking hazard.

EMERGENCY CALLS

IMPORTANT!

This smartphone, like any phone, operates using radio signals, cellular and landline networks as well as user-programmed functions, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any smartphone for essential communications (e.g. medical emergencies).

Remember, in order to make or receive calls the phone must be switched on and in a service area with adequate cellular signal strength. Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with your local service provider.

BATTERY INFORMATION

New Batteries

The battery delivered with your smartphone is not fully charged. We recommend that you fully charge it before you use it for the first time.

Battery Use and Care

A rechargeable battery has a long service life if treated properly. A new battery, or one that has not been used for a long period of time could have reduced capacity the first few times it is being used.

The talk and standby times depend on the actual transmission conditions when using the smartphone. If the smartphone is used close to a base station, less power is required and talk and standby times are prolonged. Use only Ericsson original batteries and chargers. Using non original Ericsson accessories could be dangerous and the warranty does not cover product failures which have been caused by use of non-Ericsson original accessories.

- Do not expose your battery to extreme temperatures, never above +60°C (+140°F). If the battery is used in cold temperatures the battery capacity will be reduced.
- The battery can only be charged when the temperature is between +5°C (+41°F) and +45°C (+113°F).
- Turn off your smartphone before removing the battery.
- Use only the battery for the intended purpose.
- Do not attempt to take a battery apart.
- Do not let the metal contacts on the battery touch another metal object. This could short-circuit and damage the battery.
- Do not expose a battery to open flames. This could cause the battery to explode.
- Do not expose a battery to liquid.
- Do not mutilate, puncture or dispose of batteries in fire. The batteries can burst or explode, releasing hazardous chemicals.
- If a battery should accidentally leak, do not allow the contents to come into contact with your skin or your eyes.

RECYCLING YOUR BATTERY

The battery must be disposed of properly and should never be placed in municipal waste. Check local regulations for proper disposal instructions.

Electrostatic Discharge

Electrostatic discharge can interfere with the normal functioning of electronic devices. Your product can behave abnormally owing to such an event, resulting in the possible loss of unsaved data. To recover, reset your product according to the User's guide.

To avoid losing data due to electrostatic discharges or other types of events, it is recommended that you regularly save and backup your data as described in the User's guide.

Technical Data

General

System	GSM 900/GSM1800.
SIM card	Small plug-in card, 3 V or 5 V type.

Dimensions

Size	159 x 51 x 26 mm / 6.3 x 2 x 1 in.
Antenna length	30 mm / 1.2 in.
Weight with battery	164 g / 5.8 oz.
Weight without battery	119 g / 4.2 oz.

Display/Screen size

Flip closed LCD	120 x 116 pixels / 28 x 27 mm.
Flip open LCD	120 x 360 pixels / 28 x 83 mm.

Memory

User data storage	1.2 MB.
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Ambient temperatures

Max	+55°C / 131°F
Min	-10°C / 14°F

Acoustics

Microphone	Unidirectional Electret.
Loudspeaker	250 mW, 32 ohm.
Buzzer	Electro-magnetic.

Power

Optional mains adapter 5.2 V DC \pm 10%, 1A.

Keyboard

Touchscreen 4 row 49 key.

Layout QWERTY.

Communications

Infrared IrDA SIR optical link to 115200 baud.

Serial RS232-compatible to 115200 baud.

Limited Warranty

Thank you for purchasing this Ericsson Product. To get maximum use of your new Product, we recommend that you follow a few simple steps:

- Read the Guidelines for Safe and Efficient Use.
- Read all the terms and conditions of your Ericsson Warranty.
- Save your original receipt. You will need it for warranty repair claims. Should your Ericsson Product need warranty service, please return it to the dealer from whom it was purchased or contact your local Ericsson Call-Centre to get further information.

Our Warranty

Ericsson warrants this Product to be free from defects in material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year.

Any Ericsson accessory is covered by a warranty period of one (1) year from the date of its original purchase by a consumer in accordance with the applicable terms and conditions stipulated herein.

What We Will Do

If, during the warranty period, this Product fails to operate under normal use and service, due to improper materials or workmanship, Ericsson subsidiaries, authorised distributors, Service Points or Certified Service Centres will, at their option, either repair or replace the Product in accordance with the terms and conditions stipulated herein.

Conditions

1. The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase and serial number, is presented with the Product to be repaired or replaced. Ericsson reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.
2. If Ericsson repairs or replaces the Product, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced faulty parts or components will become the property of Ericsson.
3. This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with Ericsson's instructions for use and maintenance of the Product. Nor does this warranty cover any failure of the Product due to accident, modification or adjustment, acts of God, improper ventilation or damages resulting from liquid.
4. This warranty does not cover Product failures due to improper repair installations, modifications or service performed by a non-Ericsson Service Point or Certified Service Centre or opening of the Product by non-Ericsson certified persons.
5. The warranty does not cover Product failures which have been caused by use of non-Ericsson original accessories.
6. Tampering with any of the seals on the Product will void the warranty.
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INTERNATIONAL SERVICE

You can have your Ericsson Product serviced within the warranty period in any country where an **identical** Product is sold by an authorised Ericsson distributor. To find out if your Product is sold in the country you are in, please call the local Call-Centre. In order to be granted service, you have to present your original receipt specifying the date of purchase and serial number. Please observe that certain services may not be possible elsewhere than in the country of original purchase, for example due to the fact that your Ericsson Product may have an interior or exterior which is different from equivalent models sold in other countries. It may not be possible to repair SIM-locked Products.

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CLASS 1 LED PRODUCT
LEDSCHÜTZKLASSE 1
PRODUKT

Regulatory Information

LED Safety

The infrared port located at the side of the R380s unit is classified as a Class 1 LED (Light-Emitting Diode) device according to International Standard IEC 825-1 (EN 60825-1). This device is not considered harmful, but the following precautions are recommended:

- If the unit requires service, contact an authorized Ericsson service centre.
- Do not attempt to make any adjustments to this unit.
- Avoid direct eye exposure to the infrared LED beam. Be aware that the beam is invisible light and cannot be seen.
- Do not attempt to view the LED beam with any type of optical device.

Declaration of Conformity

C E 0682

We, **Ericsson Mobile Communications AB** of
Torshamnsgatan 27
SE-164 80 Kista, Sweden

declare under our sole responsibility that our product,

Ericsson type 7100101-BV,

and in combination with our accessories, to which this declaration relates is in conformity with the appropriate standards TBR 19, 20, 31 and 32, ETS 300 342-1 and EN 60950, following the provisions of, Radio Equipment and Telecommunication Equipment directive 99/5/EC with requirements covering EMC directive 89/336/EEC, and Low voltage directive 73/23/EEC.

Stockholm, April 2001



Anil Raj

Vice President and General Manager

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