



User's Guide
Mobile Phone
R300z

ERICSSON 

User's Guide

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5/01 Cadmus

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Guidelines for Safe and Efficient Use

Since its introduction in the mid 1980s, the mobile phone has been one of the most exciting and innovative products ever developed. Your phone can help you to stay in touch with your office, your home, emergency services and others.

Safety

Exposure to Radio Frequency Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both US and international standards bodies:

- ANSI C95.1 (1992)*
- NCRP Report 86 (1986)*
- ICNIRP (1996)*

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

** American National Standards Institute: National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection.*

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION: For your phone to operate most efficiently:

- Extend your antenna fully (where applicable).
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving - driving safely is your first responsibility.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

In addition, Ericsson suggests the following safe driving tips if you are using your phone while driving:

- Get to know your wireless phone and its features such as speed dial and redial.
- Position your wireless phone within easy reach.
- Suspend conversations during hazardous driving conditions or situations.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may be distracting.
- Use your wireless phone to call for help.
- Use your wireless phone to help others in emergencies.
- Call roadside assistance or a special wireless non-emergency assistance number when necessary.



Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a “blasting area” or in areas posted: “Turn off two-way radio.” Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. 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 fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including both 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 bodily injury could result.

Product Care and Operation

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation.

Ericsson suggests you read and observe the following for safe care and operation of your phone:

- Do not allow children to play with your phone or its accessories. They could hurt themselves or others, or could accidentally damage the phone or accessory. Your phone or its accessories may contain small parts that could be detached and create a choking hazard.
- Do not expose your mobile phone to moisture or extreme temperatures.
- Only Ericsson original accessories are recommended. Failure to use them may result in loss of performance or product damage, and will void the warranty.
- Do not attempt to disassemble the product. Doing so will void warranty. This product does not contain consumer serviceable components. Service should only be performed by Authorized Service Centers.
- Do not allow objects to fall on, or liquids to spill on products.
- Connect AC (power supply) only to designated power sources as marked on the product.
- To reduce risk of damage, remove the electrical cord from the outlet by pulling the AC adapter at the outlet rather than the cord.
- Make sure the electric cord is located 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 the power source before attempting any cleaning. Once unplugged, use a soft cloth lightly dampened with water for cleaning.
- DANGER - Never alter the AC cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician. Improper connection can result in risk of electric shock.

- Don't twist the antenna. Excess twisting will damage the antenna.

Battery Information

New Batteries

The battery packaged with your phone is not fully charged. For maximum battery capacity, use your charger to condition the battery.

Recycling Your Battery

Your phone manufacturer is a member of the Rechargeable Battery Recycling Corporation (RBRC), a non-profit service organization designed to assist in the recycling of rechargeable batteries. Many areas require the recycling of rechargeable batteries. In the U.S., call 1-800-822-8837 to find out how to recycle your battery. Outside the U.S., contact your local retailer for recycling instructions.

Battery Use and Care

Battery use and care varies slightly depending upon which type of battery your phone is equipped with: Nickel Metal Hydride (NiMH) or Lithium Ion (LiIon).

Nickel Metal Hydride (NiMH) Batteries

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, should be conditioned before using your phone. Avoid recharging a fully-charged or almost fully-charged battery. If your phone shuts off

due to low battery power, you should charge the battery within 24 hours for the battery to reach full capacity.

- Do not leave your battery where it may be subjected to extremely hot or cold temperatures. This could reduce the battery's capacity.
- Do not let the metal contacts on the battery touch another metal object such as keys in your pocket. This could short-circuit and damage the battery.
- Do not attempt to take a battery apart.
- Do not expose a battery to open flame. This could cause the battery to explode.
- Turn your phone OFF before removing the battery.
- Use only the AC/DC adapter supplied with your battery charger. Using a different adapter could be dangerous and will void your phone warranty.
- Never charge a battery when the ambient room temperature is below 50°F (10°C) or above 105°F (40°C).
- Keep away from children and do not allow the battery to be placed in their mouth. Battery electrolytes may be toxic if swallowed. Avoid battery electrolyte contact with your skin and eyes.

Lithium Ion (Li-Ion) Batteries

Follow these battery use instructions if your phone is equipped with a rechargeable Lithium-Ion (Li-Ion) battery pack.

WARNING! This battery may explode and cause potential injury if exposed to or disposed of in a fire.

- Do Not expose the battery to temperatures above 140°F (60°C), such as in a car parked in the sun or on a hot day.

- Do Not short-circuit the battery's metal contacts with metallic objects, such as keys in your pocket, as it may damage the battery.
- Do Not disassemble the battery.
- Use only Ericsson Original accessory chargers (including handsfree units that act as a charger) and the AC/DC adapter supplied with your battery charger. Use on a non-Ericsson Original accessory may be hazardous and damage from such use will void your phone warranty.
- Charging the battery at room temperatures below 41°F (5°C) or above 113°F (45°C) may degrade battery performance and could be hazardous.
- Keep away from children and do not allow the battery to be placed in their mouth. Battery electrolytes may be toxic if swallowed. Avoid battery electrolyte contact with your skin and eyes.
- Do Not use a damaged battery or charger.
- Turn off your phone before removing the battery.
- Do Not expose the battery to water or other liquids.
- Avoid dropping the battery while removing it from the phone.
- Avoid puncturing or crushing the battery.
- Only use the battery for its intended purpose.

Some menus/features are operator dependent.

Features

Advice of Charge

Enables you to monitor the cost of calls made from your mobile phone. Details of the last call and total calls made are shown in the phone's display. See "Call Information" on page 41.

Alternate Line Service

Enables you to have two lines with two different phone numbers on a single mobile phone subscription. This makes it possible to have separate numbers for business and personal calls. See "Using Two Voice Lines" on page 49.

Area Information

Area Information is another 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. See "Area Information" on page 39.

Ask to Save

Prompts you to save names and numbers in your Phone Book when the phone does not recognize the number of the most recent call. See "Display Language" on page 13.

Calendar

Calendar is an appointment manager that can hold up to 100 appointments. Allows viewing by day, week, or month. See "Calendar" on page 53.

Caller identification Services

Identifies, by name or number, who is calling you. See "Using the Call List" on page 31.

Closed User Group

Limits outgoing calls to specified numbers. This can be very useful when operators give lower rates for specific groups. See "Closed User Groups" on page 45.

Demonstration

A hands-off demonstration of the phone's menus. See "Demonstration" on page 9.

Fixed Dialing

Allows calls to be made only to certain numbers saved on the SIM card. If an attempt is made to call other numbers, the message **Number not permitted** appears in the display. See "Fixed Dialing" on page 44.

Forward Calls

Lets you forward your voice, fax, and data calls, provided your subscription supports fax and data calls. These options are available:

- **All Voice Calls** – forward all voice calls
- **When Busy** – forward calls if you are already on the phone

- **No Reply** – forward calls that you do not answer within a specified time limit (operator dependent)
 - **Not Reachable** – forward calls if your phone is turned off or if you are unreachable
- See “Call Forwarding” on page 43.

Games

Tetris®, Erix, Maze, and Solitaire. See “Games” on page 60.

Keypad Lock

Helps you to avoid accidental dialing, which can happen if you keep your phone in your pocket. You can choose between manual and automatic keylock. See “Keypad Lock” on page 59.

Menu Help

Appears if you pause briefly while browsing your menu system. The help texts will self-scroll through the descriptions of some features. See “Display Language” on page 13.

Mobile Wiz™

Steps you through the initial setup of the phone and manages the top 10 settings: language, date, date format, time, ring signal, ring volume, auto keylock, menu help, message alert, and T9™ predictive text input. See “Mobile Wiz™” on page 12.

Network Initiated Time Zone (NITZ)

Updates your phone’s internal clock as you enter new time zones. See “More Personalization Options” on page 22.

Some menus/features are operator dependent.

Online Services

Your network operators’ way of offering customized services, independently of mobile phones and mobile phone manufacturers. See “Online Services” on page 64.

Phone Book

Allows 200 entries in the phone in addition to the number of entries offered on your SIM. See “Your Phone Book” on page 26.

Predictive Text Input (Tegic™ T9™)

Makes entering SMS messages and phone book entries much easier. Although you will still use the keypad to enter letters/characters, the software will recognize what you are trying to enter. This feature is especially helpful when entering SMS messages and the Phone Book names. You can use the # key to toggle between input methods. To change input methods, see “More Personalization Options” on page 22.

Profiles

Settings which are set to suit a certain environment. For example, when you go to a meeting, you can choose the **Meeting** profile and a number of settings that suit a meeting are set. See “Profiles” on page 23.

Security

Protects your phone and subscription from unauthorized use with security features such as Phone Lock, SIM Lock, and Keypad Lock. See “Security” on page 58.

Some menus/features are operator dependent.

Short Message Service (SMS)

SMS allows you to send and receive text messages. SMS is also used by many network operators to notify you of a new voicemail message. See “Text Messaging (SMS)” on page 35.

SMS Templates

Saves up to five standard message templates that can be reused whenever you want. Each template can consist of 30 characters each. Your templates are saved in the phone memory. See “Templates for Text Messages” on page 36.

Stopwatch

Times certain activities with your phone’s built-in stopwatch. See “Stopwatch” on page 62.

Voice Recognition

Making and receiving calls is even easier when your phone recognizes your voice commands. See “Voice Activation” on page 50.

Voicemail

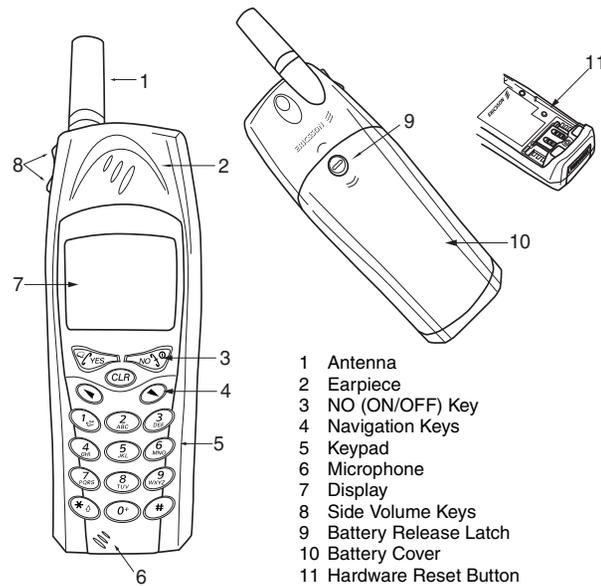
Allows callers to leave a voice message when you cannot answer your calls. See “Voicemail Service” on page 34.

Wireless Application Protocol (WAP)

An open, global specification that makes it possible for mobile phone users with wireless devices to connect to the Internet and access specially designed interactive services and view WAP pages. See “Using the WAP Browser” on page 67.

Some menus/features are operator dependent.

Getting Started



Demonstration

Before using your phone, you may wish to view the hands-off demonstration. The demonstration will preview the start-up show, menu system, help texts, language settings, WAP, and Standby mode.

Note! The demonstration runs without a SIM card inserted. The demonstration will not prevent you from making emergency calls to 911 (or 112, the international emergency number).

Insert Card or Press Yes for demo will appear. Press **YES** to run the demonstration. You can end the demonstration at any time by pressing any key.

Assembling Your Phone

Assembling your phone in five easy steps:

- 1 Remove the Battery Cover
- 2 Insert SIM Card
- 3 Attach the Battery
- 4 Replace the Battery Cover
- 5 Charge the Battery

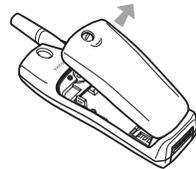
Some menus/features are operator dependent.

Step 1: Remove the Battery Cover

- 1 Use a coin or your fingernail to turn the latch counter-clockwise.



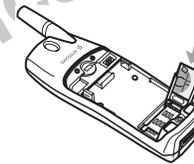
- 2 Once the screw has been loosened sufficiently, remove the battery cover.



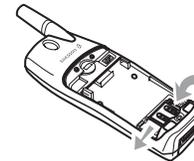
- 2 Lift the holder up.



- 3 Insert the SIM card with the cut corner to the top right (a diagram of proper card insertion appears on the front side of the SIM card holder).



- 4 Lower the SIM card latch and slide back to the left to lock the holder in place.

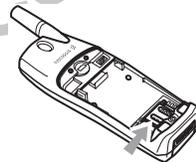


Step 2: Insert the SIM Card



When you register as a subscriber with a network operator, you get a SIM (Subscriber Identity Module) card. The SIM card contains a computer chip that keeps track of your phone number, the services included in your subscription, your Phone Book information, and other information.

- 1 Locate the SIM card holder on the back of the phone and slide the holder to the right until it unlatches.



Note! Remove the SIM by unlatching the holder, raising the edge of the SIM card, and sliding it out.

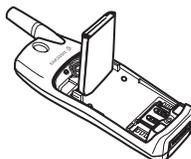
Step 3: Attach the Battery

- 1 Locate the connector at the end of the blue, red, and black wires. Insert the plug as shown in the diagram.

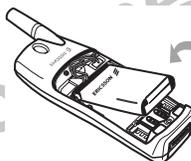
Note! The cable will only properly fit one way – do not force it.



- 2 Holding the battery at a perpendicular angle, slip the left side of the battery into the hinge. Snap the right side in.



- 3 Lower the battery until it lays flat.



Note! Remove the battery by removing the back panel as described above. Raise the battery and slide it out of the hinges – one side at a time.

Some menus/features are operator dependent.

Step 4: Replace Battery Cover

- 1 Insert the cover, bottom first, on the back of the phone.
- 2 Turn the screw clockwise to tighten.

Step 5: Charge the Battery

When to Charge

Note! For detailed information on safely handling your battery, see “Battery Information” on page 4.

Your phone comes with a Nickel Metal Hydride (NiMH) battery. The battery is not charged when you buy your phone, but there may be enough power to switch the phone on. You should fully charge the battery before use. It is safe to make and receive calls while your phone is charging. You should not need to remove your battery after it is installed. Your battery can be charged whenever you wish without affecting its performance. You can also charge the battery when the phone is off.

The battery meter icon on your standby screen indicates how much remaining strength your battery has, .

Tip! If you have an Ericsson-approved battery, you can check the remaining talk and standby times in the STATUS menu using the side volume keys when in standby mode. The total remaining standby and talk time depends on the type of battery you use and your position in the network. Please note that these times are approximate and you may have 20% less time than is shown in the display.

Note! The phone turns itself off when the battery can no longer power it satisfactorily.

Some menus/features are operator dependent.

Charging Indicators

- Needs Charging
Attention! Battery low appears in the display. Alarm signal sounds (short beep).
- Currently Charging
Optimized Charging briefly appears in display (only with Ericsson-approved batteries). The meter in display pulses continuously.
- Non Ericsson-Approved Battery
Charging Battery appears in display and battery charges very slowly.

Charging

- 1 Make sure that the battery is attached to the phone.
- 2 Connect the charger to the electrical outlet.
- 3 Connect the charger to the phone as shown in the picture. The flash symbol on the plug must face upwards.

Note! The main electrical plug may look different depending on the electrical socket in your country. The plug may not be used for other products than Ericsson chargers.

Disconnecting the Charger

Move the plug connected to the phone upwards to remove it, as shown in the picture.



Powering On Your Phone

Press and hold the **NO** key to turn the phone **On** and **Off**.

If “PIN:” Appears in the Display

Most SIM cards are supplied with a security code, also known as PIN (Personal Identity Number), which you need to access the network. When you turn on your phone, you may be asked to enter your PIN. You will find your PIN in the information provided by your operator. Some operators may have services that require a second PIN, your PIN2.

If **PIN:** appears in the display after you have turned on the phone:

- 1 Enter your PIN. If you make a mistake while entering your PIN, erase the wrong number by pressing the **CLR** key.
- 2 Press **YES**.

If your PIN is entered incorrectly three times in a row, the SIM card is blocked. You can unblock it by using your PUK. See “SIM Card Lock” on page 58. If **Phone locked** appears in the display, enter your phone lock code. The default phone lock code is 0000. See “Phone Lock” on page 58.

Network Search

After you have turned on the phone (and entered your PIN), the phone searches for a network. When a network is found, the phone beeps three times. Your network operator’s name (abbreviated in most cases) appears in the display.

This is called **Standby Mode**. You can now make and receive calls.

Mobile Wiz™

Mobile Wiz™ setup wizard will guide you through the initial setup of your phone. This feature manages 10 major settings: language,

date, date format, time, ring signal, ring volume, auto keylock, menu help, message alert, and T9™ predictive text input.

The wizard will start with brief animation when you power on your phone. A help screen will appear before each setting. Press **YES** to enter the setting. A message will indicate where you are in the wizard's settings (for instance, 2 of 10 will indicate that you are in the second setting – date). You can also use the numeric keys to enter a specific help screen (for instance, press **2** to enter the help screen for setting the date). Press **NO** to exit the menu and return to the wizard.

Aborting the Wizard

- 1 Press **NO** while **Mobile Wiz** is running. **Postpone Mobile Wiz?** appears.
- 2 Press **YES** to temporarily postpone (the Wizard will appear the next time you power On) or **NO** to permanently abort.

Note! **Mobile Wiz** is always available under **EXTRAS**.

- 1 Select **EXTRAS**.
- 2 Select **Mobile Wiz** and follow the prompts.

Signal Strength

The signal strength icon indicates how strong your signal is. More bars indicate more strength, .

Display Language

Most SIM cards automatically set the display language to the language of the country where you bought your SIM card (**Automatic**). If this is not the case, the preset language is **English**. You can easily reset

Some menus/features are operator dependent.

your phone to English or the automatic language if you do not understand the language that appears.

Reset to English

If not in standby mode, press and hold the **NO** key to go to standby > enter **0000** ↵.

Reset to Automatic

If not in standby mode, press and hold the **NO** key to go to standby > enter **8888** ↵.

Display Icons

This table shows all possible display icons. Some of the features represented in this table are network dependent.

Icon	Name	Explanation
	Signal strength	Tells you the strength of the network signal.
	Battery meter	Tells you the status of the battery.
	Missed call indicator	You have missed an incoming call.
	Forward indicator Accept Some/ None indicator	All incoming calls will be forwarded to a defined number. No calls or only certain calls from numbers in a list are received.

Some menus/features are operator dependent.

	Profile indicator	A profile, other than Normal, has been chosen.
	Ring signal off indicator	No sound can be heard when you receive a call.
	Alarm indicator	The alarm clock has been set and is on.
	Silent indicator	All audible signals are turned off.
	SMS indicator	You have received a text message.
	Voice mail indicator	You have received a voice message.
	Line 1 indicator	Line 1 is in use for outgoing calls – if you subscribe to the Two Line Service.
	Line 2 indicator	Line 2 is in use – if you subscribe to the Two Line Service.
	Infrared modem	The infrared modem appears if a modem is attached.
	Ciphering indicator	Ciphering is currently not being provided by the network.
	Keylock indicator	Indicates that the keypad is locked.

Some menus/features are operator dependent.

Using Menus

The menus are arranged in a loop, which you enter and move (scroll) through with the **↶** or **↷** keys or by using shortcuts. Each menu contains a list of options. Some menus have submenus with additional options. The complete menu system is diagrammed on the inside front cover of this user's guide.

Moving Through the Menus

Press...	to...
↶ or ↷	switch between menus or functions
YES	select a menu, submenu or setting
NO	go back one level in the menu system, exit a setting or leave a setting unchanged, press and hold to return to standby mode
CLR	delete an item from a list

Menu System

Your phone has seven main menus. You enter the menus by pressing **↶** or **↷**. At the top of the display there are icons symbolizing each menu. The icon is enlarged when the menu is selected. In the diagram below, the Phone Book menu is selected. Refer to the front of this User's Guide for a diagram of the complete menu structure.



Your phone contains seven menus:

- Menu 1 – Phone Book
- Menu 2 – Messages
- Menu 3 – Call Info/Ongoing Call
- Menu 4 – Settings
- Menu 5 – Extras
- Menu 6 – WAP Services
- Menu 7 – My Shortcuts

Display Text

When you move through the menu system, the display changes. The following hints can help you:



- Black text within a frame at the top indicates the menu you have chosen (for example, **PHONE BOOK**). Press **YES** to enter the menu.
- White text on a black layer indicates your position in the submenu system. Press **YES** to enter this submenu or select this setting.

Some menus/features are operator dependent.

- Grey text indicates a function that is temporarily unavailable, not included in your subscription, or is not activated.
- Text marked with a tick or filled radio button indicates the current setting or settings selected.



Menu Help

Menu Help appears if you pause briefly while browsing your menu system. The help texts will self-scroll through the descriptions of some features. Menu Help will be activated when you purchase your phone. You can turn off **Menu Help** through the **Mobile Wiz** or through the **SETTINGS** menu.

SETTINGS > YES > Display > YES > Menu Help > Off > YES.
(The menu help icon  identifies help text.)

Paths in This User's Guide

Throughout this user's guide, you will find "paths" that will lead you through a series of steps. Also, in this user's guide, menu names appear in bold all capital letters (**SETTINGS**) and submenus appear in bold and mixed case alphabet (**Sounds & Alerts**).

The following example shows the path you would follow to change your alarm clock signal. You will also see the step-by-step explanation for changing the alarm clock signal. You can always return to standby by pressing **NO**.

SETTINGS > YES > Sounds & Alerts > YES > Alarm Signal > YES > select a setting > YES.

- 1 Scroll to **SETTINGS** menu.
- 2 Press **YES**.

3 Scroll to **Sounds & Alerts** submenu.

4 Press **YES**.

5 Select **Alarm Signal**.

6 Press **YES**.

7 Scroll to the setting that you want.

8 Press **YES**.

Note! Phone numbers used in this User's Guide are for example only. We do not recommend dialing these numbers.

My Shortcuts

A quicker way to move through the menus is to use the shortcuts. When you buy your phone, the **MY SHORTCUTS** menu contains a few settings which you can remove if you wish. You can also add a setting from another menu to **MY SHORTCUTS**. In this way, you can reach the settings you use most, quickly and easily.

Tip! You can quickly access the first submenu in **MY SHORTCUTS** by pressing and holding .

Note! Your phone may not have all the menu alternatives described in this manual since many of them are network and subscription dependent. Because of this, the shortcut numbers may vary between phones.

Adding a Setting to My Shortcuts

- 1 Scroll to **MY SHORTCUTS > YES > Edit Shortcuts > YES**.
- 2 Select a setting from the list by pressing * or #. A check will appear in the box next to the menu.

Some menus/features are operator dependent.

- 3 The first available position will appear or you can enter the position number you want for your setting in this menu.
- 4 Press **YES**. If you want to add another setting, repeat steps 2 and 3. To remove a setting from **MY SHORTCUTS**, repeat steps 1 and 2.
- 5 Press **YES** to exit the list.

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Making and Receiving Calls

Making and Receiving Calls

In this chapter, we assume that you have turned on your phone and that you are within range of a network.

- 1 Enter the phone number (you must also add the area code, city code, or country code if you are calling outside your local area).
- 2 Press **YES**.

Note! When you are engaged in a call, the ongoing call icon appears and the CALL INFO menu is replaced with ONGOING CALL, .

Ending a Call

Press **NO** to end the call.

Ask to Save

Ask to Save prompts you to save names and numbers in your Phone Book when the phone does not recognize the number of the most recent call. Ask to Save will be turned On when you purchase your phone. To turn Ask to Save off:

PHONE BOOK > **YES** > Options > **YES** > Ask to Save > Off > **YES**.

Redialing a Previously Called Number

In the Call List you find numbers that you have dialed, answered or missed.

YES > Call List > scroll to the number you want to call > **YES**.

For more information, see “Using the Call List” on page 31.

Automatic Redialing

If the network is busy when you first called, the display shows **Retry?**. You can now redial the number by pressing **YES**. Your phone automatically redials (up to 10 times):

- until the call is answered. When the call is successfully connected, you hear a ring signal
- until you press a key or receive a call

Note! Automatic redialing is not available for fax and data calls.

Making International Calls

- 1 Press and hold the **0** key until a **+** sign appears.
- 2 The **+** replaces the international prefix number of the country from which you are calling.
- 3 Enter the phone number.
- 4 Press **YES**.

Note! Entering the **+** symbol is not necessary if you have entered the international prefix.

Making Emergency Calls

- 1 Enter **911** (or **112**, the international emergency number).
- 2 Press **YES**.

Some menus/features are operator dependent.

Note! The emergency numbers **911** and **112** can normally be used in any country, with or without a SIM card inserted, if a GSM network is within range. Some network operators may require that a SIM card is inserted, and in some cases that the PIN code has been entered as well. Some networks may not use the international emergency number **112** (or **911**). Operators may designate additional emergency numbers. Refer to your operator for more information.

Receiving a Call

When you receive a call, the phone rings and the display shows **Answer?**. Press **YES** to answer the call.

Note! If your subscription includes the Calling Line Identification (CLI) service and the caller's network sends the number, you see the caller's number in the display. If your subscription supports Calling Party Name (CNAP), the caller's name will also appear. If the incoming call is a restricted number, the display shows **Withheld**.

Muting the Ringer

Temporarily silence the ringer by pressing **CLR** when a call is incoming.

Rejecting a Call

- Press either side volume key twice,
or
- Press **NO**.

The display shows **Busy signal** and the phone number of the caller will appear (if available). The caller hears a busy tone if this is supported by the caller's subscription. If **Forward Calls When Busy** is on, the call is forwarded to the number you have specified. See "Call Forwarding" on page 43.

Making and Receiving Calls

Ciphering



Ciphering is a built-in feature that scrambles your calls and messages to provide additional privacy. An exclamation mark is shown in the display during a call to indicate that ciphering is currently *not* being provided by the network.

During a Call

Your phone has several functions, which you might find helpful while a call is in progress.

Changing the Listening Volume

You can easily change the listening volume during a call by pressing the side volume keys.

- Upper key will increase the volume.
- Lower key will decrease the volume.

Muting the Microphone

- 1 Press and hold down the **CLR** key. **Muted** appears in the display.
- 2 To continue your conversation, release the **CLR** key.

Note! Instead of pressing and holding the **CLR** key, you can put the call on hold.

Putting a Call on Hold

- 1 Press **YES**. **Call held** appears in the display.
- 2 To continue your conversation, press **YES** again.

Sending Tone Signals

To use telephone banking services or to control an answering machine, you need to use codes. These codes are sent as tone signals (also known as DTMF tones or touch tones). With your mobile phone, you may use these codes during a call. If you press **0–9**, ***** and **#** during a call, these numbers and characters are sent as tone signals.

Note! You can also save codes only or codes together with a phone number in your Phone Book. See “Telephone Banking Services” on page 29. However, it may be a risk to save your codes in the phone in case it is stolen.

The Notepad

If you want to make a note of a phone number during a call, you can use your phone display as a notepad. When you end the call, the number remains in the display or, if **Ask to Save is On**, you will be asked to save the number in your phone book. You can also find the number in **Add Number** in the PHONE BOOK menu. See “Creating a Phone Book Entry” on page 26.

Checking the Duration or Cost of the Call

During a call, the display normally shows the duration in minutes and seconds. Depending on your subscription, you may see the call cost displayed instead.

Minute Minder

If you turn on the minute minder, you hear a beep once every minute during a call as a reminder of the duration of the ongoing call. See “More Personalization Options” on page 22.

More than One Call Simultaneously

Your phone is capable of handling more than one call simultaneously. When you press **YES** to answer the second call, the first call will automatically be put on hold. You can also set up a conference call with up to five people. See “Handling Multiple Calls” on page 47.

Some menus/features are operator dependent.

Personalizing Your Phone

Ring Signals

Silent Ring Signal

Press and hold **CLR** > **Turn on Silent**/Turn off Silent > **YES**. An icon  appears in standby.

Note! All audible signals are turned off.

Ring Signal Volume

You can set the volume in six steps. The first step means that two clicks are heard when you receive a call. You can also turn the ring signal off (0). An icon  then appears in standby.

SETTINGS > **YES** > **Sounds & Alerts** > **YES** > **Ring Volume** > **YES** (The level of the ring volume appears in the display. Use  or  to increase or decrease the volume. The phone rings once with the actual setting as you increase the volume.) > **YES**.

Note! Use the side volume keys to change the volume silently.

Increasing Ring

SETTINGS > **YES** > **Sounds & Alerts** > **YES** > **Increasing Ring** > **YES** > **On**.

The **Increasing Ring** must be **Off** for the ring signal volume to apply.

Note! When increasing ring is activated, you will receive a warning if you attempt to change the ring volume or set silent mode.

Ring Signal Type

Choosing an existing ring signal

SETTINGS > **YES** > **Sounds & Alerts** > **YES** > **Ring Signals** > **YES** > **Voice Calls** > **YES** > select the ring signal type that you want > **YES**.

Note! When scrolling through the list, the melody currently stored in the highlighted position is played. If you do not wish to disturb other people, use the volume keys on the side of the phone to scroll silently.

Different Ring Signals

If you subscribe to the Two Line Service, you can set different ring signals for the two lines. **Line 1** and **Line 2** are displayed instead of **Voice**. Provided your SIM subscription supports Fax and Data calls, you can set different ring signals for voice, fax and data calls respectively.

Specific Ring Signals for Personal Calls

If your subscription includes the Calling Line Identification (CLI) service, you can assign a personal ring signal to up to 10 callers.

Tip! You can have one ring signal for a friend and another one for a colleague. If the last seven digits of a caller's number correspond to a number you have specified, then that caller's ring signal is used.

Tip! You can include **question marks** (?) in a phone number. If you enter 919555???, calls from phone numbers between 919555000 and 919555999 will have the same personal ring signal. You get a question

Some menus/features are operator dependent.

mark by pressing and holding #. For more information on entering phone book entries, see “Creating a Phone Book Entry” on page 26.

Specifying a Caller's Number and Ring Signal

SETTINGS > YES > Sounds & Alerts > YES > Ring Signals > YES > Personal Rings > YES > Add new? > YES > enter the caller's number > YES > select the ring signal type you want > YES.

Deleting a Caller's Number

SETTINGS > YES > Sounds & Alerts > YES > Ring Signals > YES > Personal Rings > YES > scroll to the number you wish to delete > YES > Delete > YES.

Composing and Editing Your Own Ring Signals

You can compose four different ring signals.

- 1 SETTINGS > YES > Sounds & Alerts > YES > My Melodies > YES > Select My Melody 1, My Melody 2, My Melody 3 or My Melody 4 > press CLR to clear the display.
- 2 The keypad now works as a keyboard (see figure in margin above).
Use the keypad to enter notes:
 - Press and hold a key to enter a long note.
 - Press 0 to raise the note one octave.
 - Press # once to raise the note one halftone.
 - Press # twice to lower the note one halftone.
- 3 To listen to your melody, press YES.
- 4 Press YES again to save it or press NO to continue editing.



Editing a ring signal

SETTINGS > YES > Sounds & Alerts > YES > My Melodies > YES > scroll to either My Melody 1, My Melody 2, My Melody 3 or My Melody 4 > YES > Edit.

The notes are displayed and you can edit the melody notes with the keys. Press YES to play it.

Note! You can also compose your own and download existing ring melodies from the Ericsson Mobile Internet:

<http://mobileinternet.ericsson.com>

More Personalization Options

Alarm Signal	SETTINGS > YES > Sounds & Alerts > YES > Alarm Signal > YES > select a setting > YES.
Ask to Save	PHONE BOOK > YES > Options > YES > Ask to Save > On/Off > YES.
Network Initiated Time Zone (NITZ)	SETTINGS > YES > Time and Date > YES > Auto Time Zone > YES > On/Off > YES.
Date	SETTINGS > YES > Time and Date > YES > Set Date > YES > enter the year (two digits), month, and day > YES. <i>Note!</i> If you have chosen another date format you must enter the date differently.
Date Format	SETTINGS > YES > Time and Date > YES > Date Format > YES > select date format > YES.

Display Language	SETTINGS > YES > Language > YES > Set Menu > YES > select language > YES. <i>Note!</i> From standby, enter ☒ 0000 ☑ to choose English. Enter ☒ 8888 ☑ to chose Automatic.
Display Light	SETTINGS > YES > Display > YES > Light > YES > select setting > YES.
Input Method	SETTINGS > YES > Language > YES > Input > YES > * to select or deselect an input method > YES. <i>Note!</i> Press and hold # to toggle between input methods when you are entering or editing a phone book entry or a message.
Key Sound	SETTINGS > YES > Sounds & Alerts > YES > Key Sound > YES > select a setting > YES.
Master Reset	SETTINGS > YES > Master Reset > YES > enter the phone lock code > YES.
Menu Help	SETTINGS > YES > Display > YES > Menu Help > On/Off > YES.
Message Signal	SETTINGS > YES > Sounds & Alerts > YES > Message Alert > YES > select a setting > YES.
Minute Minder	CALL INFO > YES > Call Timers > YES > Minute Minder > YES > On/Off > YES.
New Greeting	SETTINGS > YES > Display > YES > User Greeting > YES > Custom > YES > compose greeting > YES.

Some menus/features are operator dependent.

Phone Number Display	SETTINGS > YES > Display > YES > My Numbers > YES > Voice > YES > enter the number > YES. (This path may vary depending on other activated features.)
Standard Greeting	SETTINGS > YES > Display > YES > User Greeting > YES > Standard > YES.
Time Format	SETTINGS > YES > Time and Date > YES > Time Format > YES > select 24-hour or 12-hour format (am/pm) > YES.
Time/Clock	SETTINGS > YES > Time and Date > YES > Set Time > YES > enter the time in hours and minutes > YES. <i>Note!</i> Use # to toggle between am/pm.
Turn Off Greeting	SETTINGS > YES > Display > YES > User Greeting > YES > Off > YES.
Turn Tones On/Off	ONGOING CALL > YES > Turn Off/On Tones > YES.

Profiles

Your phone is always set to one of the six profiles. When you buy your phone, it is set to the **Normal** profile. You cannot create more profiles, but you can change the name of a profile, change the settings included in a profile, or add an accessory to a certain profile.

Press the side volume key (in standby mode) to find out which profile you are currently in.

Some menus/features are operator dependent.

There are six programmed profiles:

- Normal
- Meeting
- In Car
- Outdoors
- Port H-free (portable handsfree)
- Home

The table below shows the settings of each profile.

Profile Name	Norm	Meet	Car	Out	H-free	Home
Ring Volume	5(6)	0(6)	6(6)	6(6)	6(6)	5(6)
Increasing Ring	Off	Off	Off	Off	Off	Off
Accept Calls	From All					
All Voice Calls	Off	Off	Off	Off	Off	Off
Calling Cards	None	None	None	None	None	None
Light	Auto	Auto	On	Auto	Auto	Auto
Line 1/2	L1	L1	L1	L1	L1	L1
Silent	Off	On	Off	Off	Off	Off
Auto Activation	Off	Off	On	Off	On	Off

Profile Name	Norm	Meet	Car	Out	H-free	Home
Accessories	-	-	Car Handsfree	-	Handsfree	-

Choosing a Profile Manually

You can always choose to use another profile than the one you currently use. If you choose another profile besides **Normal**, an icon is shown in standby .

SETTINGS > **YES** > Profiles > **YES** > Select Profile > **YES** > select the profile you want > **YES**.

Note! You can also find **Select Profile** in the **My Shortcuts** menu.

Note! A profile with no accessories associated, such as **Meeting** or **Normal**, must be chosen manually, even if automatic activation is on. The profiles associated with accessories can be chosen automatically.

Changing the Profile Settings

You can rename the pre-programmed profiles and change the settings according to your wishes.

Changing a Profile Setting

SETTINGS > **YES** > Profiles > **YES** > Edit Profile > **YES** (a list of the profile settings appears) > **YES** to select > change the profile setting according to your wishes.

Note! You cannot change the name of the **Normal** profile.

If you change a setting which is included in a certain profile, the profile is updated. With the **Reset Profiles** function, you can change

all profile settings back to the way they were set when you bought your phone.

Resetting the Profile Settings

SETTINGS > YES > Profiles > YES > Reset Profiles > YES > answer YES if you are sure you want to reset all profiles.

Turning Automatic Activation On/Off

SETTINGS > YES > Profiles > YES > Edit Profiles > YES > Auto Activation > YES > Select On or Off.

Adding Accessories to a Profile

You can add one or many accessories to a profile.

Tip! If you usually use a portable handsfree together with a specific charger, you may add the charger to the **Port H-free** profile. The phone recognizes the accessory as it is connected and switches profile automatically.

Note! The first accessory that is connected to the phone which switches the profile. Only profiles associated with accessories can be activated automatically. You must first choose the profile manually to which you want to add an accessory, see “Choosing a Profile Manually” on page 24.

Adding an Accessory to a Profile

Note! You cannot add an accessory to the Normal profile.

1 SETTINGS > YES > Profiles > YES > Edit Profiles > YES > Accessories > YES. Now you are in the list of the accessories which are already associated with the profile.

Some menus/features are operator dependent.

- 2 Select **Add accessory?**.
- 3 Select an accessory. The question **Automatic activation on?** appears, if automatic activation is not on already.
- 4 Press **YES** to turn automatic activation on, which means that the profile will be chosen automatically when the accessory is connected.

You can associate 12 accessories with a profile, besides the portable and vehicle handsfree units. Accessories above this number will work as ordinary non-profile accessories. You cannot have the same accessory associated with several profiles.

Removing an Accessory from a Profile

- 1 SETTINGS > YES > Profiles > YES > Edit Profiles > YES > Accessories > YES.
- 2 Scroll to the accessory that you want to remove and press **CLR**.
- 3 **Delete?** appears. Press **YES**.

Some menus/features are operator dependent.

Your Phone Book

Memories

You can save phone numbers and associated names in:

- the SIM card memory
- the phone memory

Your entries are first saved in the positions on your SIM card. The actual number of memory positions available depends on your SIM card. Saving your numbers in the card memory allows you to use the numbers saved on the SIM card even when you change phones and insert your SIM card into another phone.

By saving your numbers in the phone memory, they are always available to you in your phone, even if you change SIM cards. The phone memory holds 200 positions in which your entries are saved when all SIM positions are occupied.

Creating a Phone Book Entry

Every phone number that you save includes a position number. You can save the phone numbers together with a name to make it easier for you to keep track of your phone numbers. For more information on entering names with your phone book entries, see “Entering Special Characters” on page 30.

1 PHONE BOOK > YES > Add Number > YES > Add new? (a list of numbers recently used may appear) > select a listed number or enter a phone number that you wish to save (including the area code) > YES > enter a name that you want to associate with the phone number > YES.

2 You now have three options:

- To save the number in the suggested first empty position, press YES.
- To save the number in another position, press the CLR key to erase the position number, enter a new position number and press YES. Overwrite? will appear to warn that you are choosing a position number already in use. Press YES to overwrite.
- To save the number in the phone memory, you need to know how many positions you have on your SIM card. You can check this in Memory Status in the PHONE BOOK menu. If you, for example, have 200 positions on your SIM, you can enter position number 201 to save a number in the phone memory.

International Numbers

If you intend to use your phone both at home and abroad, it is a good idea to save all phone numbers as international phone numbers (with the (+) sign which automatically replaces the international dialing prefix for the country you are calling from) followed by the phone number.

Tip! Press and hold 0 to enter the + sign. You do not need to enter the + symbol if you are entering the country code.

Adding a Voice Label

If you have turned the Voice Dialing on, you are asked if you want to add a voice label to your phone book entry. Follow the prompts. For more information, see "Recording Voice Dialing Labels" on page 50.

Calling a Phone Book Entry

Choosing a Sort Order

You can either call a number by using the name saved with it or you can call the number by using the memory position that it was saved in. The order of searching for names and numbers depends on the sort order you have chosen (by name or by position).

PHONE BOOK > YES > Options > YES > Sort Order > YES > select a sort order.

Calling a Number

Tip! Press and hold **↵** to quickly enter Find and Call. Press YES to enter alphabetical listing of entries (you must set By Name in your sort order to see the alphabetical listing).

PHONE BOOK > YES > Find and Call > YES > enter the position number or the name (or the first few letters of the name) associated with the number that you want to call > YES > press **↶** or **↷** until you find the correct name and number > YES to make the call.

Some menus/features are operator dependent.

Shortcuts to Phone Book Entries

Tip! From standby, enter the position number followed by # to see what is stored in that position.

Tip! Press and hold one of the keys 2-9 to find an entry beginning with a specific letter. Press and hold 2 to take you to the first entry beginning with the letter A (or closest following).

Once you are in the list of phone book entries you can use **↶** or **↷** to scroll through the positions, or enter a position number or a letter to go to a certain entry.

Speed Dialing

You can call the phone numbers that you have saved in positions 1-9 in the SIM memory by entering the position number and then pressing YES.

Keeping the Phone Book Up to Date

- 1 PHONE BOOK > YES > Find and Edit > YES.
- 2 Enter the position number or the name for the entry that you wish to edit. Press YES. If the name displayed is not the one you want, press **↶** or **↷** until you find the correct name and number.
- 3 Press YES to select the entry.
- 4 Select Edit. Edit the number and press YES.
- 5 Use **↶** or **↷** to move the cursor. Use the CLR key to delete.
- 6 Edit the name and press YES.
- 7 Edit the position number and press YES.

Some menus/features are operator dependent.

Copying Entries From One SIM to Another

If you want to change SIM cards, you do not need to save all the entries in your phone book once again. Instead, you can copy the entries from one SIM card to another, via the phone's memory.

- 1 **PHONE BOOK > YES > Options > YES > Copy > YES > Copy from card.**
- 2 Enter the position number on the SIM card from which you want to start copying and press **YES**.
If you do not enter a number, the phone will start copying from position one on the SIM card.
- 3 Press **YES** again to start copying.
- 4 Wait until the display reads **Phone book entries copied:** together with the number of copied entries.
- 5 Switch off your phone, enter another SIM card and switch on the phone.
- 6 **PHONE BOOK > YES > Options > YES > Copy > YES > Copy to card.**
- 7 Enter the position number from which you want to start copying and press **YES**.
If you do not enter a number, the phone will start copying from number one, in the phone memory, over to the new SIM card.
- 8 Press **YES** again to start copying.
- 9 Wait until the display reads **Phone book entries copied:** together with the number of copied entries.

Checking the Status of the Memories

The **Memory Status** function in your phone book lets you check how many memory positions you have left in your memories.

PHONE BOOK > YES > Memory Status > YES.

When the SIM Card Memory Is Full

When all SIM card positions are full, an icon ■ appears next to the position number. From now on your entries are stored in the phone memory. If all positions, including the phone memory are full, you have to delete an old number by entering a position that is already occupied and press **YES**.

Deleting an entry from the memory

PHONE BOOK > YES > Find and Edit > YES > enter the position number/name that you want to delete > YES > Delete > YES > Delete? > YES.

Deleting all entries from the phone memory

PHONE BOOK > YES > Options > YES > Delete All > YES > Delete all in phone memory? appears > YES > .

All entries in the phone memory are deleted.

Telephone Banking Services

If you use telephone banking services, you can save the phone number of your bank together with your personal codes and account numbers. You only need to add pauses between the phone number, account number and security code. You insert a pause by pressing and holding the * key. Talk to your bank about the correct flow of the phone number, codes and the number of pauses that are required.

Saving a phone number with an account number and security code

- 1 PHONE BOOK > YES > Add Number > YES.
- 2 After entering the phone number, press and hold the * key until the pause character p appears in the display.
- 3 Enter the code, if needed enter another pause, another code and so on.
- 4 Enter the name that you want to associate with the phone number and code and press YES.
- 5 Press YES to save.
If you want to save the number in a different position than the one suggested. See “Creating a Phone Book Entry” on page 26.

To make a call with tone signal codes, proceed as described in “Calling a Phone Book Entry” on page 27. When you make the call, the phone dials the number, waits until the call is answered and then sends the code. If you insert another pause and another code, it pauses again, sends the next code and so on.

Some menus/features are operator dependent.

Groups

The phone also allows you to create groups of phone book entries. In this way you can send a text message to several recipients at the same time. An icon  will appear next to any group phone book entries. See “Text Messaging (SMS)” on page 35.

Creating a new group	PHONE BOOK > YES > Groups > YES > Add new? > YES > enter name > YES > Add new? > YES > select an entry in your phone book > YES > Add new? > YES to add additional members > NO to end.
Adding a new member	PHONE BOOK > YES > Groups > YES > select group > Edit > YES > Add new? > select new member > YES.
Deleting a member	PHONE BOOK > YES > Groups > YES > select group > Edit > select the member to delete > Press CLR > Delete? > YES.
Deleting a group	PHONE BOOK > YES > Groups > YES > select group > Delete > YES > Delete? > YES.

Some menus/features are operator dependent.

E-mail Addresses

You can save e-mail addresses to be used when you want to send a text message as an e-mail. You can save 10 e-mail addresses consisting of 60 characters each. See “Sending Text Messages” on page 35.

Save an e-mail address	PHONE BOOK > YES > Email Addresses > YES > Add new? > YES > enter email address > YES > enter a name > YES.
Edit an e-mail address	PHONE BOOK > YES > Email Addresses > YES > select an entry > Edit > edit the address > YES.
Delete an e-mail address	PHONE BOOK > YES > Email Addresses > YES > select an entry > Delete > YES.

Note! The @ sign is accessed by pressing the 0 key three times.

Entering Special Characters

Your phone is equipped with several methods for inputting text. These features are especially helpful when entering SMS messages and Phone Book names. Refer to “More Personalization Options” on page 22 to change input methods. The available input methods are:

- Predictive Text
- Multi-Tap
- Numeric

Tip! Press and hold the # key to toggle between input methods.

Predictive Text Input

The T9™ software is designed to assist you when entering text – for phone book entries, or text messages. The software uses the phone’s internal dictionary to quickly scan possible word variations to determine the correct word.

Selecting Predictive Text Input

SETTINGS > YES > Display > YES > T9 Text Input > YES > * to select or deselect an input method > YES.

Using Predictive Text Input

Each numeral on your keypad has corresponding letters. For instance, the 2 key includes letters A, B, and C. When you are using Predictive Text Input, you only need to press each key once to enter the letter. The intelligent software will decipher what you are attempting to spell. Occasionally, the word you are attempting to enter may be similar to another word (for example, ball and call). If the phone does not suggest the word you desire, press 0 to see other words.

To enter the word HELLO, press each of these keys once: 4, 3, 5, 5, 6.

Tip! The punctuation characters are found on the 1 key when T9 Text Input is activated. Press # key to insert a space between words.

Tip! Since acronyms, names, and slang words are not found in the internal dictionary, you may need to toggle to multi-tap mode to enter these terms.

Multi-Tap Input

Multi-tapping is another method for entering letters when you are using the Phone Book and when you are composing a short message

(SMS). Multi-tapping is the best method for entering slang terms or acronyms.

Press the appropriate key, **1–9, 0** or **#**, repeatedly until the character you want appears in the display.

Press...	to get...
1	Space - ? ! , . : ; " ' < = > () _ 1
2	A B C Ä Å Æ à Ç 2 Γ
3	D E F è É 3 Δ Φ
4	G H I ì 4
5	J K L 5 Λ
6	M N O Ñ Ö Ø ò 6
7	P Q R S Ò 7 Π Σ
8	T U V Ü ù 8
9	W X Y Z 9
0	+ & @ / □ % \$ £ ¥ § ζ ; 0 Θ Ξ Ψ Ω
#	# * ↵

- To enter an 'A', press **2** once. To enter a 'B', press **2** twice quickly.
- To enter lowercase letters, enter the letter, for example an 'A' and then press *. An 'A' appears. Lowercase letters now appear until you press * again.
- To enter numbers, press and hold any numeric key.
- To delete letters and numbers, press the **CLR** key. Press and hold **CLR** to delete the entire entry.
- Press the **1** key quickly to enter a space between characters or names.

Some menus/features are operator dependent.

Numeric Input

Numeric Input is best used when entering numbers, such as stock quotes, birthdays, and phone numbers.

Using the Call List

The **Call List** is a phone number log that saves information (time, date, phone number and name) about the last 30 incoming and outgoing calls. Once your list exceeds 30 calls, the oldest one is deleted.

Note! Depending on whether a call is ongoing or not, the menus **CALL INFO** and **ONGOING CALL** will replace each other.

What Calls Are Saved?

The numbers that you have dialed are always saved. If your subscription includes the Calling Line Identification (CLI) service and the caller's network sends the number, you will also find the numbers of answered and missed calls in the **Call List**. If you subscribe to Calling Party Name (CNAP), you will also see the caller's name. If the incoming call is a restricted number, the display shows **Withheld**. You can call any of the numbers in the **Call List**.

The Call List Saves:

- Dialed Number 
- Answered Calls 
- Missed Calls 

All the calls are saved together in chronological order. The last call you have made is saved in the first position. If the same number is called more than once, the latest call replaces earlier ones. If you check a call

Some menus/features are operator dependent.

within 24 hours, the time of the call is displayed. Otherwise, the time is replaced by the date.

Note! If you change SIM cards or turn the Call List off, the list is cleared. Called numbers may remain in the SIM card memory though.

Using the Call List

Calling a number from the list	CALL INFO > YES > Call List > YES > scroll to the number > YES .
Deleting a number from the list	CALL INFO > YES > Call List > YES > scroll to a number > press CLR > YES (after Delete? prompt).
Clearing the list	CALL INFO > YES > Options > YES > Clear Call List > YES > Clear? > YES .
Turning the list On/Off	CALL INFO > YES > Options > YES > Set Call List > YES > On/Off.

Missed Calls

If you have missed a call, the message **Missed Calls: 1** appears in standby mode, where the number 1 indicates the number of missed calls.

- 1 Press **YES** to display the missed calls.
- 2 If you wish to call a number from the list of missed calls, press **YES** at the number you want to call.

Note! You can also see the Missed Calls List in the CALL INFO menu. Missed calls are also saved in the Call List.

Showing And Hiding Your Number

Some operators offer subscriptions where your phone number is normally hidden. You can choose to show or hide your number for a particular call, if Calling Line Identification Restriction service (CLIR) is supported by your subscription.

Enter the phone number you wish to call > Call Info > **YES** > Next Call > **YES** > Hide My Number (or Show My Number) > **YES** to make the call.

Calling Cards

When making international or long distance calls, you may not want your operator to charge you for these calls on your normal account. If you have a credit card or a calling card, you may want to redirect the charges to one of these accounts instead. The Calling card service lets you redirect the charges to either a credit card account or to a calling card account.

You can save two separate card numbers in your phone. These numbers are protected by a four- to eight-digit phone lock code. When you buy your phone the code is set to 0000. You may change the code to one that you choose yourself. See "Phone Lock" on page 58.

Note! You cannot use the Calling card service when making a fax or a data call.

Activating the Calling Card Service

PHONE BOOK > **YES** > Options > **YES** > Set CallingCards > **YES** > enter your phone lock code (0000) > **YES** > On.

The Calling card service is now on and the sub-menu **Calling Cards** is available in the **PHONE BOOK** menu.

Saving Calling Card Numbers

You can save two calling card numbers in your phone.

- 1 Scroll to **PHONE BOOK > YES > Calling Cards > YES**.
- 2 Enter your phone lock code and press **YES**.
- 3 Select **Add new?**.
- 4 Enter the access number of the calling card server and press **YES**.
- 5 Enter a name that you want to associate with your calling card server and press **YES**.
- 6 Enter the verification code of the calling card server and press **YES**.
- 7 Select whether you want to send the number that you want to call or the verification code first and press **YES** to confirm your choice.

Note! Your network operator will give you the information needed for the verification codes.

Deleting a card number

- 1 Scroll to **PHONE BOOK > YES > Calling Cards > YES**.
- 2 Scroll to the card number that you want to delete and press **YES**.
- 3 Select **Delete**. The question **Delete?** appears in the display.
- 4 Press **YES**. The card number has been deleted.

Editing a card number

- 1 Scroll to **PHONE BOOK > YES > Calling Cards > YES**.
- 2 Scroll to the card number that you want to edit and press **YES**.

Some menus/features are operator dependent.

- 3 Select **Edit**. You may now edit the card number.

- 4 Press **YES** to confirm the new number.

You may now also edit the name and code.

Choosing a Card

If you have saved two card numbers, you must choose which card you want to use before making a calling card call.

Scroll to **PHONE BOOK > YES > Calling Cards > YES >** enter your phone lock code **> YES >** select the card that you want to use **>** select **Activate card**.

Making a Calling Card Call

- 1 In standby mode, enter the phone number of your calling card server or retrieve it from the **Phone Book** by pressing and holding **↵**.
- 2 Press and hold **YES**.
The access number of the calling card server is called and during the connecting phase, you are asked to send the phone number of the person that you want to call and the verification code, in the order chosen earlier (see above).
- 3 To send the number and verification code during the connecting phase, press **YES** when the display shows **Send** or wait a few seconds and they are sent automatically. Now you are connected to your personal phone call.

Some menus/features are operator dependent.

Voicemail Service

Voicemail Notification

Some operators inform you of a new voicemail by posting a specific Voicemail icon . Most operators, however, inform you by sending a text message (SMS), for example asking you to call your Voicemail Service. You may also hear an alert signal or see the message **New voicemail**.

Note! For more information about your Voicemail Service, please refer to the information provided by your network operator.

Storing your Voicemail number

If you want your phone to easily interact with your Voicemail Service, you can store the number to your Voicemail Service. You will get the number in the information provided by your network operator.

MESSAGES > YES > Options > YES > Voicemail No. > YES > enter your Voicemail number > YES.

Note! The number to your Voicemail Service may be different if you are calling from a network that is not your home network.

Changing Voicemail Numbers

Note! MESSAGES > YES > Options > YES > Voicemail No. > YES > press and hold CLR to delete the existing number > enter your new Voicemail number > YES.

Calling Your Voicemail

Tip! Press and hold **1** from standby to easily call your Voicemail Service.

When you receive notification of a new voicemail, press **YES** to call your Voicemail Service. If you press **NO**, you can call your Voicemail Service at a later time to listen to your recorded messages.

Note! You can also access your voicemail through the menu system:
MESSAGES > YES > Call Voicemail > YES.

Changing the Message Alert Signal

MESSAGES > YES > Options > YES > Message Alert > YES > select the signal you want.

If you subscribe to the Two Line Service, you may have different Voicemail numbers for your two lines. You may also set different options for the two lines.

Tip! You can set all incoming calls on Line 1 to be forwarded to your Voicemail and let all incoming calls on Line 2 be connected.

Some menus/features are operator dependent.

Text Messaging (SMS)

Enabling Your Phone to Send SMS

If your SIM card does not contain the phone number to your network service center, you must specify the number yourself. Otherwise you cannot reply to received messages or send your own messages.

Activate Service Center	MESSAGES > YES > Options > YES > Service Centers > YES > scroll to the number you want > YES > Activate.
Enter a Phone Number to Your Service Center	If no number is found in the list, you have to set the number yourself. You can obtain the service center number from your network operator. MESSAGES > YES > Options > YES > Service Centers > YES > Add new? > YES > enter the number, including the international (+) sign, and country code > YES.

Sending Text Messages

Composing a Text Message

MESSAGES > YES > Send New > YES > enter your message > YES > Enter the recipient's phone number or recall it from the phone book by pressing **↵** > YES. Sending message appears in the display followed by Message has been sent.

Note! Your phone will default to predictive text input when you are composing an SMS. For more information on entering text and the letters, see "Entering Special Characters" on page 30.

Storing the Message for Later Use

If you do not want to send the message now, you can save it in the phone memory and send it later.

Press **NO** when you are asked to enter a phone number. The message can now be recalled from the **Unsent** list in the MESSAGES menu.

Sending the Message Later

MESSAGES > YES > Unsent > YES > select the message you want to send (the message appears in the display) > YES > Send.

Note! The same procedure is used with all types of messages, for example e-mail, fax messages, etc. Check with your network operator to find out which message types you can use.

Some menus/features are operator dependent.

Sending Text Messages to a Group

With your phone you can send text messages to a pre-defined group. You need to specify a group and save it in your phone book before you can send text messages to a group. When you send text messages to a group, you will be charged for each member included in that group.

MESSAGES > **YES** > Send New > **YES** > enter your message > **YES** > PHONE BOOK > Groups > **YES** > select the group you want > **YES**.

Customizing Your Text Messages

Message Type

Your phone can send different types of messages. Your network operator's service center may offer the option of converting a text message into a format (e-mail, fax, etc.) that suits the equipment that is going to receive the message. Please contact your network operator to find out which message types you can use and how.

You can set a standard message type that you want to use or you can turn on a **Set on Send** option, which means that you are asked to select which message type you want to send, before sending it.

MESSAGES > **YES** > Options > **YES** > Message Type > **YES** > Set Default > **YES** > select the message type you want. The selected message type is now standard until you change it.

Turning the Set on Send Function On/Off

MESSAGES > **YES** > Options > **YES** > Message Type > **YES** > Set on Send > **YES** > select On /Off.

Validity Period

Validity Period is a network dependent feature. If your message cannot be delivered because the recipient has turned off the phone, your service center can save the message to send it later. If the service center has not been able to reach the recipient within a certain time, the message will be deleted. You can set a validity period as your standard or you can turn on a **Set on Send** option, which means that you are asked to set the validity period before sending the message.

MESSAGES > **YES** > Options > **YES** > Validity Period > **YES** > Set Default > **YES** > select the validity period you want.

Note! The selected validity period is now your standard until you change it.

Reply to Messages

If you want the recipient of your message to reply, you can turn on the **Request Reply** option. When this function is on, you are asked to choose if you want the recipient to reply or not before your message is sent. If you want the recipient to reply, select **On** and press **YES**.

MESSAGES > **YES** > Options > **YES** > Reply Request > **YES** > select On/Off.

Templates for Text Messages

Templates are predefined messages that make sending an SMS much easier. You can create your own templates for messages that you frequently send. For instance, "Please call me back" or "I'll be late for dinner." You can also create templates that give you the option of filling in specific information. For instance, "I will be ___ minutes late for the meeting on ___."

Some menus/features are operator dependent.

Saving a Template	MESSAGES > YES > Templates > YES > Add new? > YES > enter the message > YES > Send message now? appears > YES > enter phone number > YES . <i>Note!</i> If you want to wait to send the message, press NO after the Send message now? prompt. The message is saved as a template for later use.
Sending a template	MESSAGES > YES > Templates > YES > select the template you want to send > YES > Create SMS > edit the template if desired > YES > enter recipient's phone number > YES .
Deleting a template	MESSAGES > YES > Templates > YES > select the message to delete > CLR > Delete? appears > YES .

For more information on how to enter text, See "Entering Special Characters" on page 30.

Receiving a Text Message

When you receive a message, you hear a beep or tone and the message **New message Read now?** appears in the display.

Reading the message now

- 1 Press **YES** when you see the question **New message Read now?**. The display shows when the message was received and from what number it was sent, if your network supports the Calling Line Identification service (CLI). If you have saved the number together with a name in the phone book, the name is shown instead.
- 2 Scroll through the message using the arrow keys. An arrow at the bottom right corner of the display indicates that there is more text in the message.
- 3 At the end of the message, when the arrow in the display disappears. **Proceed?** will appear. Press **YES**. A new menu with different options appears:
 - Delete
 - Reply
 - Forward
 - Save
 - Call
 - Read Next

Note! If the sender of the message wants you to reply, the message **Reply requested Reply?** appears in the display when you press **YES**, if this function is supported by your network operator. If you do not want to reply, press **NO**.

Deleting Messages

You can also delete a message by pressing **CLR** while reading it. The message **Delete?** appears in the display. Press **YES** to delete the message while reading it.

Some menus/features are operator dependent.

You can also delete the message without reading it.

MESSAGES > **YES** > **Inbox** > **YES** > select the message you want to delete > **CLR** (Delete? appears) > **YES**.

Saving Messages to Read Later

The Phone Memory

The phone memory can hold 30 messages. When all memory positions are full, the oldest read message is overwritten when a new message is received. If the phone memory becomes full of unread messages, new messages are automatically saved on the SIM card. Messages remain in the phone memory until you delete them, until you insert a different SIM card or until the phone needs the memory space to save new messages.

Note! Concatenated messages can take more than one segment, depending on the length of the message.

The SIM Card Memory

You can save important messages on your SIM card. Messages that are saved on the SIM card remain there until you delete them. They will not be overwritten if you receive any new messages. The maximum number of messages that you can save depends on your SIM card.

Saving Messages

1 When you have read the message, press **YES**.

2 Select **Save** in the option list.

The message automatically moves from the phone memory to the SIM card memory. The display shows the position of the message and the number of saved messages, for example the third message of fifteen that can be saved on the SIM card.

Note! If you save your messages on the SIM card, you can reach them if you should use your SIM card with another phone.

Saving Unread Messages

Press **NO** when you see the question **New message Read now?**. The message is now saved in the phone memory and an envelope icon  appears at the top of the display. The envelope icon disappears as soon as you have read the message. If you want to read the message later you can retrieve it from the **Inbox** menu (see below).

Reading a Saved Text Message

MESSAGES > **YES** > **Inbox** > **YES** > select the message you want to read > read the message.

 indicates an unread message.

 indicates that the message that you already read and saved on the SIM card.

If you want to read the next message, press **YES** at the end of the message > choose **Read Next** in the option list.

Calling a Phone Number Found in a Message

1 Select the phone number, for example, **Call 9195551212**.

2 Press **YES** when the number is highlighted.

Calling the Sender of the Message

1 When you have read the message, press **YES**.

2 Select **Call** in the option list.

If you have saved the number together with a name in the phone book, the name of the person who sent the message appears together with **Call**.

Area Information

Note! This feature may not be available on all networks.

MESSAGES > YES > Options > YES > Area Info > YES > Reception > On /Off.

Area Information Message Types

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:	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 inquiries (national)
057	Directory inquiries (international)

Some menus/features are operator dependent.

Code: Message Type:

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.

Area Information Message List

You can decide which types of area information messages you wish to receive. The number of Area Info codes that can be saved depends on your SIM card.

Inserting an Area Information code

MESSAGES > YES > Options > YES > Area Info > YES > Edit List > YES > Add new? > YES > enter the new code > YES.

Deleting the code

MESSAGES > YES > Options > YES > Area Info > YES > Edit List > YES > select the code you want to delete > CLR > Erase? > YES.

Receiving an Area Message

When you receive an Area Information message, the message automatically appears in the display. You read the message in the same way as you read an ordinary text message, see "Receiving a Text Message" on page 37. When you have read the message, press YES. The message is deleted.

Some menus/features are operator dependent.

Cell Information

The Cell information channel (see “Area Information Message List” on page 39) is used by network operators for sending messages to their subscribers within a certain network area. For example, the operator may inform you that you are within your home network area and that you can now make calls at a lower rate.

This feature may not be supported by your network operator.

MESSAGES > **YES** > Options > **YES** > Cell Information > **YES** > On/Off.

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Some menus/features are operator dependent.

Call Information

During a call, the duration of the call is shown in the display. When you end the call, the call duration information is shown for another three seconds. If you subscribe to cost information, the call cost (or the number of call units) is displayed instead of the call duration.

Note! Depending on whether a call is ongoing or not, the menus CALL INFO and ONGOING CALL will replace each other.

Total Call Time or Call Cost

The Call Info menu allows you to check the total time or cost of your calls.

Check duration of last call	CALL INFO > YES > Call Timers > YES > Last Call > YES.
Check cost of the last call.	CALL INFO > YES > Call Costs > YES > Last Call > YES.
Check time of outgoing calls	CALL INFO > YES > Call Timers > YES > Outgoing Time > YES.
Check total call time	CALL INFO > YES > Call Timers > YES > Total Time > YES.
Check total call cost	CALL INFO > YES > Call Costs > YES > Total Cost > YES.

Call Information

Reset total call time	CALL INFO > YES > Call Timers > YES > Clear Timers > YES > choose a timer to clear.
Reset total call cost	CALL INFO > YES > Call Costs > YES > Clear Total Cost > YES > enter PIN2.

Note! If you subscribe to cost information, you must enter your PIN2 to clear the cost or time counter.

Determining the Call Cost

The Tariff function lets you enter and specify the price per call unit. The price entered is stored on your SIM card.

Note! This service must be supported by your subscription and your network. If you do not specify a price per call unit, the number of call units is displayed during a call, and in 'Last call' and 'Total cost' in the 'Call Info' menu.

Entering a Price Per Call Unit

Scroll to CALL INFO > YES > Call Costs > YES > Set Tariff > YES > enter your PIN2 > YES > Select Change Tariff > enter the code for the currency you want.

Tip! USD for US Dollar > YES > enter the price per call unit (for example 0.75) > YES.

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Some menus/features are operator dependent.

To enter the decimal point, press #.

To revert to call units

Scroll to CALL INFO > YES > Call Costs > YES > Set Tariff > YES > enter your PIN2 > YES > select Units.

Credit Limit for Calls

If both your network and SIM card support this feature, you can enter a total amount of money that can be used for making calls. This could be useful when you lend your phone to someone and do not want their call costs to exceed a certain amount which you can decide. After a call is made, the cost is deducted from this amount. When the amount reaches zero, no more calls can be made.

Note! As the price of a call may vary due to where you are calling from, at what time of the day you are calling and so on, the credit limit is only an estimated value.

Set a specific credit limit	CALL INFO > YES > Call Costs > YES > Set Credit > YES > Enter PIN2 > YES > Change Credit > enter amount > YES.
Set unlimited credit	CALL INFO > YES > Call Costs > YES > Set Credit > YES > Enter PIN2 > YES > Unlimited.

Note! If you set the credit to Unlimited, the cost counter starts from zero and increases.

Some menus/features are operator dependent.

Call Options

Call Forwarding

If you want to make certain that your incoming calls are correctly handled when you are unable to answer them, you can use the **Forward Calls** service to forward them to another phone number.

If you subscribe to the Two Line Service, you may set different **Forward Calls** for your two voice lines (Line 1 and Line 2). You will then have an additional forward alternative (**All Line 2 Calls**).

If you placed your phone in a specific Ericsson Desktop Charger, your calls may be forwarded automatically.

When you are making a phone call and the phone call is forwarded to another number, this is indicated in your display, if supported by your subscription. Similarly, when receiving an incoming phone call which has been forwarded from another number, this is indicated in your display, if supported by your subscription.

Activating Call Forwarding	<p>SETTINGS > YES > Call Options > YES > Forward Calls > YES > choose a forwarding option > Activate > (the most recently used number for the forward function will appear) enter a new number, if desired > YES.</p> <p>The forward calls icon will appear  in the display.</p>
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Canceling Call Forwarding	SETTINGS > YES > Call Options > YES > Forward Calls > YES > select the option to cancel > YES > Cancel.
Checking the Status of Call Forward	SETTINGS > YES > Call Options > YES > Forward Calls > YES > select the option to check > YES > Get Status.
Checking the Status of all Forwarded Calls	SETTINGS > YES > Call Options > YES > Forward Calls > YES > Check All > YES > Cancel.

Restrict Calls

A password, obtained from your network operator, is required to activate call restriction. The following calls can be restricted.

- **All Outgoing** – all outgoing calls
- **Outgoing Intl** – all outgoing international calls
- **Out Intl Roam** – all outgoing international calls except to your home country
- **All Incoming** – all incoming calls
- **Inc when Roam** – all incoming calls when you are abroad (when roaming).

Some menus/features are operator dependent.

Note! If you forward incoming calls, you cannot activate some Restrict Calls options. Likewise, if you restrict calls, you cannot activate some Forward Calls options.

Activate Call Restrict	SETTINGS > YES > Call Options > YES > Restrict Calls > YES > select type (activate, cancel, get status) > YES .
Cancel All Restrict Calls	SETTINGS > YES > Call Options > YES > Restrict Calls > YES > Cancel All > YES > enter password > YES .
Check Status of Call Restrict	SETTINGS > YES > Call Options > YES > Restrict Calls > YES > scroll to option > YES > Get Status > YES .
Change Passwords	SETTINGS > YES > Call Options > YES > Restrict Calls > YES > Change Passwd > YES > enter old password > YES > enter new password > YES > repeat new password > YES .

Fixed Dialing

The Fixed Dialing function allows calls to be made only to certain numbers saved on the SIM card. If an attempt is made to call other numbers, the message **Number not permitted** appears in the display. **Fixed Dialing** requires a SIM card that allows fixed numbers to be saved. The fixed numbers are normally protected by your PIN2. The quantity of fixed numbers you can save depends on your SIM card.

It is possible to save partial numbers, for example an area code, or an area code followed by the first digits common to several numbers.

Tip! Storing 919555 allows calls to be made to all numbers starting with 919555 Numbers beginning with the international (+) sign and country code can also be saved, allowing you to make calls abroad.

Numbers which include question marks can be saved. A question mark should be read as a wild card (it can represent any number 0–9). To enter a question mark press and hold #.

Note! The Fixed Dialing service does not prohibit calls to the emergency number 911 (or international emergency number 112).

Activate Fixed Dialing	Phone Book > YES > Options > YES > Fixed Dialing > YES > enter your PIN2 > YES > select On/Off.
Save Fixed Numbers	Phone Book > YES > Fixed Numbers > YES > Add new? > YES > enter your PIN2 > YES > enter the fixed number > YES > enter the name you want to associate with the number > YES .
Edit a Saved Fixed Number	Phone Book > YES > Fixed Numbers > YES > Edit > YES > scroll to the fixed number that you want to edit > YES > select Edit > enter your PIN2 > YES > edit the fixed number > YES > edit the name > YES > enter the position number > YES .

Delete a Fixed Number	Phone Book > YES > Fixed Numbers > YES > scroll to the fixed number that you want to delete > YES > select Delete > enter your PIN2 > YES. The fixed number is deleted.
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Closed User Groups

This feature limits outgoing calls to specified numbers. This can be very useful when operators give lower rates for specific groups.

Note! The index numbers are provided by your network operator.

Add a Closed User Group	SETTINGS > YES > Call Options > YES > Closed Groups > YES > Edit List > YES > Add new? > YES > enter the name of the group > YES > enter the index number of the group > YES.
Activate a Closed User Group	SETTINGS > YES > Call Options > YES > Closed Groups > YES > Edit List > YES > scroll to the group > YES > Activate > YES.
Call Outside a Closed User Group	SETTINGS > YES > Call Options > YES > Closed Groups > YES > Open Calls > YES > On.

Call Options

Some menus/features are operator dependent.

Edit a Name in the List	SETTINGS > YES > Call Options > YES > Closed Groups > YES > Edit List > YES > scroll to the group to edit > YES > Edit > enter a new name > YES.
Delete a Group from the List	SETTINGS > YES > Call Options > YES > Closed Groups > YES > Edit List > YES > scroll to the group to delete > YES > Delete.

Accept Calls

With the **Accept Calls** service, you can choose to receive calls only from certain numbers. Other calls are automatically rejected by a busy tone. You have to store the numbers that you want to receive in an **Accepted List**. The rejected calls are saved in the **Call List** in the **CALL INFO** menu. When you buy your phone, the setting for the **Accept Calls** service is set to **From All** and you will receive calls as normal. To change the **Accept Calls** options, follow this path and the extension noted in the table.

Add New Numbers to List	SETTINGS > YES > Call Options > YES > Accept Calls > YES > Accepted List > YES > Add new? > YES > select a number from your phone book.
Delete Numbers from the List	SETTINGS > YES > Call Options > YES > Accept Calls > YES > Accepted List > YES > scroll to the number to delete > press CLR > YES.

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Some menus/features are operator dependent.

Activate the From List	SETTINGS > YES > Call Options > YES > Accept Calls > YES > Accepted List > YES > select From list.
Activate the From No One Function	SETTINGS > YES > Call Options > YES > Accept Calls > YES > Accepted List > YES > select From No One.
Activate the From All Function	SETTINGS > YES > Call Options > YES > Accept Calls > YES > Accepted List > YES > select From All.

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Some menus/features are operator dependent.

Handling Multiple Calls

Note! Depending on whether a call is ongoing or not, the menus CALL INFO and ONGOING CALL will replace each other.

The Call Waiting Service

If you wish to be able to receive a second call while another call is in progress, you must turn on the Call Waiting service.

The Call Waiting service may not be available on all networks. If you are engaged in a fax or a data call, you will not hear any incoming calls. Incoming calls are rejected.

Activate Call Waiting	SETTINGS >YES > Call Options >YES > Call Waiting > YES > Activate > YES.
Cancel Call Waiting	SETTINGS >YES > Call Options >YES > Call Waiting > YES > Cancel > YES.
Check Status	SETTINGS >YES > Call Options >YES > Call Waiting > YES > Get Status >YES.

Receiving a Second Call

If the Call Waiting service is on, you hear a tone in the earpiece if you receive a second call. The number or name of the caller is normally shown at the top of the display together with a list of the alternatives

Answer, Busy and Release & Answer. If the incoming call is a restricted number, the display shows Private.

Put Current Call on Hold to Answer Waiting Call	Press YES .	Your held call is marked in grey in the display and the active call is marked in black.
Reject Waiting Call	Select Busy .	If the caller's network supports it, the caller hears a busy tone. If Forward When Busy is on, the waiting call is forwarded to the number you have specified.
End Current Call and Answer Waiting Call	Select Release & Answer .	You will now be connected to the second caller.

Note! You may also receive a third call. You must disconnect one of the calls or create a conference call before you can answer the third call. See "Conference Calling" on the following page.

Some menus/features are operator dependent.

Making a Second Call

Put the current call on hold by pressing **YES** > enter the number you wish to call > **YES**.

Tip! You may also retrieve the number from your phone book by pressing and holding **Ⓜ**.

Note! You can only put one call on hold.

One Active Call and One Call On Hold

When you have one active call and one call on hold, you can do one of the following:

Switch Between the Two Calls	YES .
End Active Call and Return to Call on Hold	NO > Retrieve call? appears > YES . (If you press NO , the call on hold will be ended.)
End Both Calls	ONGOING CALL > YES > Release all > YES .
Connect the two calls (Call transfer)	ONGOING CALL > YES > Transfer call > YES .
Join Two Calls into a Conference Call	ONGOING CALL > YES > Join calls > YES .

Conference Calling

A conference call is a call with more than two participants. As in an ordinary conference, all participants can hear each other at the same time. You may include up to five participants in a conference call.

To create a conference call, you must have one active call and one call on hold.

ONGOING CALL > **YES** > Join Calls > **YES**.

Adding New Participants to the Conference Group

You may put the conference group on hold and then add new participants.

Press **YES** to put the conference group on hold > Call the next person you wish to include in the conference group > scroll to **ONGOING CALL** > **YES** > Join Calls > **YES**.

You can include up to five participants in the conference group by repeating process.

Checking the Participants in the Conference Group

ONGOING CALL > **YES** > Parties in Conf > **YES**.

The first participant's phone number is displayed, if available. If the participant's number and name are stored in your phone book, the name is displayed instead. Otherwise the display shows party 1, 2, etc.

Scroll with **⏪** or **⏩** to check the other participants.

Having a Private Conversation with one Participants

If you wish to have a private conversation with one of the participants, you may extract that participant from the conference and put the other participants on hold.

ONGOING CALL > **YES** > **Extract Part** > **YES** > select the participant that you want to extract > **YES**.

To rejoin the participant to the conference group, scroll to **ONGOING CALL** > **YES** > **Join Calls** > **YES**.

Releasing Participants from the Conference Group

You can release participants from the conference group one by one or all at once.

ONGOING CALL > **YES** > **Release Part** > **YES** > select the participant that you want to release > **YES**.

To release all participants, scroll to **Ongoing Call** > **YES** > **Release All** > **YES**.

Making a Call while a Conference Call Is in Progress

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

YES > enter the number you wish to call > **YES**.

- Press **YES** to switch between the new call and the conference group.
- Press **NO** and then **YES** to end the new call and return to the conference group.

Ending the Conference Call

Press **NO**.

Handling Multiple Calls

Some menus/features are operator dependent.

Using Two Voice Lines

If your subscription supports the **Two Line Service**, your phone will have two voice lines with different phone numbers, separate bills and perhaps different subscription services. This is useful, for example, if you want to keep business calls and private calls on separate lines.

When you buy your phone, the names of the lines are normally Line 1 and Line 2, but you can change their names. You can only send text messages (SMS) on Line 1. An icon (☎ ☎) indicates the line currently chosen for outgoing calls.

SETTINGS > **YES** > **Display** > **YES** > **Edit Line Tags** > **YES** > select a line > enter a new name > **YES**.

Changing Phone Lines

Note! Incoming calls can be received on both lines, regardless of the line currently chosen.

CALL INFO > **YES** > **Next Call** > **YES** > select **Switch to Line 1** (or **Switch to Line 2**).

From now on, all outgoing calls are made on this line.

Note! Depending on whether a call is ongoing or not, the menus **CALL INFO** and **ONGOING CALL** will replace each other.

Different Settings for Each Line

You may have different settings for each line, for example, the ring signal or forward calls. You may also have separate voicemail numbers for each phone line, if supported by your subscription. Some operators may show the call time or call cost for each line respectively.

Some menus/features are operator dependent.

Voice Activation

The phone is equipped with a built-in voice recognition system known as **Voice Activation**.

This system allows you to:

- voice dial – make calls
- voice answer – answer and reject calls

Voice Dialing

Activating the Voice Dialing function

PHONE BOOK > YES > Options > YES > Voice Dialing > On.

Recording Voice Dialing Labels

You can record (save) a voice label together with a name and number in your phone book. The voice label and the name do not have to match. That is, you can store a number with the name **Home** (that is what you see in the display when searching for a number in your phone book), but your voice label might be **Christina**. The voice labels are stored on your phone.

Note! You will need to record new voice labels if you change phones or SIM cards. The message **Voice Dial Error SIM Changed!** will appear when you insert a new SIM and attempt to activate the Voice Dial feature.

If you insert a new SIM card and attempt to record a new voice label, **SIM changed! Erase all voice labels?** will appear. Press **NO** to keep the original labels.

Note! Your phone can hold up to 10 different voice labels.

Adding a Voice Dialing Label to a Phone Book Entry

- 1 PHONE BOOK > YES > Find and Edit > YES > YES to see alphabetical list (according to sort order) or enter the name.
- 2 Select the name you want to add a voice label to > YES.
- 3 Add voice > YES.
- 4 After the Tone, Say the Name appears. Playing the Recording – Is it Ok? appears. Press YES to store or press NO to start over.
The voice label icon  appears next to the position number.

Replacing or Erasing Voice Dialing Label

- 1 Scroll to PHONE BOOK > YES > Voice Labels > select a label to erase or replace.
- 2 The name and number is displayed and the voice label is played.
- 3 Press YES to select > select Replace voice or Erase voice > YES > follow prompts.

Using Voice Dialing

Once you have recorded your voice labels and the Voice Dialing function is on, you can start using the Voice Dialing system.

- 1 Clear the display using **CLR**.
- 2 Press and hold the **YES** key, or the press the upper side volume key briefly.
- 3 Say the voice label after the prompt.

Voice Label List

If the **Voice Dialing** function is on, the **PHONE BOOK** menu includes a list of labels. When selected, you can scroll through the names and numbers which have a voice label attached. When such a number is displayed, its voice label is played back. You can call the number by pressing **YES**.

PHONE BOOK > YES > Voice labels > scroll through the list to hear the labels.

Voice Answering

Recording the Voice Answering Labels

Voice Answering is only available when you are in handsfree mode. To maximize sound quality, you should be attached to a handsfree device when you are recording your voice answering labels. Be certain the **Voice Answering** option in the **SETTINGS** menu is activated.

Voice Activation

Some menus/features are operator dependent.

Turning On Voice Answering

SETTINGS > YES > Handsfree > YES > Voice Answering > YES > On > YES.

Creating Voice Answering Labels

The word that you choose to accept or reject calls can be any word in any language, but the recording time is limited. Try to make the words unique and not too short, such as **Answer** to accept and **Busy** to reject incoming calls.

- 1 Scroll to **SETTINGS > YES > Handsfree > YES > Voice Answering > YES > ON > YES.**
- 2 Follow the phone's prompts to add the voice answering labels. For instance, say "Answer" for answering and "Busy" for rejecting. Press **YES** when prompted to save your recordings.

Note! Be sure that you have two different words for accepting or rejecting.

Voice Answering

When you receive an incoming call, clearly say the voice command that you have recorded.

Recording Problems

If the phone could not detect any speech, one of the following might have happened:

- The name of the voice label was too short
- The background noise of your recording location was too loud
- You spoke too softly

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Some menus/features are operator dependent.

- You spoke before the beep
- The label is too similar in sound to another label

Try to change one of these factors and repeat the steps in “Adding a Voice Dialing Label to a Phone Book Entry.”

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Calendar

The **Calendar** makes it possible for you to keep track of important phone calls that you need to make or meetings that you need to attend. You can also have the phone remind you before an appointment. In this way, you can be sure that you don't miss anything important, no matter where you are.

You can store three different types of appointments in your **Calendar**:

- **Meeting**, including date and time, duration, subject, location and a reminder.
- **Phone call**, including date and time, duration, what phone number to call, subject and a reminder.
- **Reminders**, including date, time and subject.

Adding a Meeting

- 1 Extras > **YES** > Calendar > **YES** > Add new > **YES**.
- 2 Select **Meeting** > **YES**.
- 3 Enter the **Start date**: > **YES**.
- 4 Enter the **Start time**: > **YES**. (Use * to toggle between am/pm.)
- 5 Use **↶** or **↷** to select the **Duration** time for the meeting. Use * to select a duration.
- 6 Press **YES**.

Note! The phone will alert you if you are scheduling a meeting that conflicts with another appointment.

- 7 Enter the **Subject** > **YES**. The phone will default to predictive text input. See "Predictive Text Input" on page 30.
- 8 Enter the **Location** > **YES**.
- 9 Use **↶** or **↷** to select when to get a **Reminder** about the meeting. Use * to select a reminder time.
- 10 Press **YES**. When the reminder has been stored, the display shows **New entry added**.

Adding a Phone Call

- 1 Extras > **YES** > Calendar > **YES** > Add new > **YES**.
 - 2 Select **Phone call** > **YES**.
 - 3 Enter the **Start date**: > **YES**.
 - 4 Enter the **Start time**: > **YES**. (Use * to toggle between am/pm.)
 - 5 Use **↶** or **↷** to select the **Duration** time for the meeting. Use * to select a duration.
 - 6 Press **YES**.
- Note!* The phone will alert you if you are scheduling a meeting that conflicts with another appointment.
- 7 Enter the phone number of the person you are going to call > **YES**.
 - 8 Enter the **Subject** > **YES**. The phone will default to predictive text input. See "Predictive Text Input" on page 30.

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9 Use **↶** or **↷** to select when you want your **Reminder** to sound or appear. Use **S** to select a reminder time.

10 Press **YES**. New entry added appears.

Using the Phone Call Reminder Function to Place a Call

When you add a reminder to a phone call entry, the phone number will appear along with the reminder. When setting the reminder, choose **On Time** to have the reminder appear at the same time you have scheduled the call.

- 1 When the reminder appears (or sounds), press **YES**.
- 2 **Call?** will appear. Press **YES** to call the stored number.

Adding a Reminder

- 1 Extras > **YES** > Calendar > **YES** > Add new > **YES**.
- 2 Select **Reminder** and then press **YES**.
- 3 Enter the **Start date**: and press **YES**.
- 4 Enter the **Start time**: and press **YES**.
- 5 Enter the **Subject**: and press **YES**.

When the reminder has been stored, the display shows **New entry added**.

Using Your Calendar

Viewing Today's Appointments

- 1 Extras > **YES** > Calendar > **YES** > View today > **YES**.
- 2 Navigate through the appointments using **↶** or **↷**, or select **Add new** to add a new appointment for today.

Viewing Weekly/Monthly Appointments

The weekly overview displays all your appointments during a certain week. All your appointments are displayed as boxes, and the number of the week is displayed in the top right-hand corner.

- 1 Extras > **YES** > Calendar > **YES** > Week view /Month view > **YES**.
- 2 Use the keypad in the following ways:
 - Use the side volume keys to jump from one day to another.
 - Press **1** and **3** to jump a *week* backward or forward.
 - Press **4** and **6** to jump a *month* backward or forward.
 - Press **7** and **9** to jump a *year* backward or forward.
 - Use **↶** or **↷** to move backward and forward within one day.
 - Press **CLR** to return to today's date in the month view. Press and hold **YES** to jump to the weekly overview.
 - Press **YES** to see daily overview.

Calling a Phone Number Stored in an Appointment

- 1 Extras > **YES** > Calendar > **YES**.
- 2 Go to the day of the appointment in which the phone number is stored, by selecting either **View today**, **Week view** or **Month view**.

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- 3 Scroll to the appointment and press **YES** and then **YES** again.
- 4 Select Call from the list.

Managing Your Calendar

Deleting Appointments

- 1 Extras > **YES** > Calendar > **YES**.
- 2 Go to the day of the appointment you wish to delete by selecting either **View today**, **Week view**, or **Month view**.
- 3 **View today** > scroll to the appointment you wish to delete > **CLR**.

Note! In **Week view** and **Month view**: First select the day of the appointment and then scroll to the appointment you wish to delete and press **CLR**.

Editing Calendar Appointments

- 1 Extras > **YES** > Calendar > **YES**.
- 2 Go to the day of the appointment you wish to edit by selecting either **View today**, **Week view**, or **Month view**.
- 3 Scroll to the appointment you wish to edit and press **YES**. Press **YES** again.
- 4 Select **Edit**.
- 5 Enter the correct date and time. Press **YES** after each selection.

Note! If you do not want to change a part of an entry, for example, the date, press **YES** and it remains the same. The entry has been successfully changed when you see the text **Saved** in the display.

Some menus/features are operator dependent.

Setting Network Preferences

When you turn on the phone, it searches for the last accessed network. If this is not within range, you may use another network, provided your home network has an agreement that allows you to do so. This is called **roaming**.

The order of preference in which the phone chooses a network is determined by a list of preferred networks on your SIM card. Your phone includes a number of functions that let you determine how it searches for a network. You may also choose a network yourself from those within range.

Selecting a Specific Network	<p>Settings > YES > Networks > YES > Select Network > YES.</p> <p>If there is more than one network within range, scroll to the network you want and press YES to select it.</p>
Automatic Search	<p>Settings > YES > Networks > YES > Search Mode > YES.</p> <p>The phone automatically starts searching for a network according to the list of preferred networks stored on your SIM card.</p>

Display Information

The active network is marked with a filled button. The network name and the following information is available in the display. Other networks without icons are available.

	Preferred network indicator	Indicates that a network is preferred and can be used.
	Forbidden network indicator	Indicates that a network is forbidden and cannot be used.
	Home network indicator	Indicates that your network is within range and can be used.

Forbidden Networks

The names of the forbidden networks are stored on your SIM card. If such a forbidden network is within range, it is left out when the phone searches for a network (automatic search mode).

If your home network and a forbidden network come to an agreement that allows you to use the forbidden network, you can select this network even though the message **Forbidden** is displayed.

List of Preferred Networks

You can create and edit a list that defines which order your phone will select a network during automatic network selection, when your home network is not within range. The number of networks that can be stored in the list depends on your SIM card.

You can review the network list and rearrange the order of the networks. You can also add new networks to the list and delete networks from it. Follow this path and the extensions noted below.

Review list	SETTINGS > YES > Networks > YES > Preferred Nets > YES > scroll with ↶ or ↷ .
View network name	SETTINGS > YES > Networks > YES > Preferred Nets > YES > scroll to network name > YES > Full Name.
Delete a network	SETTINGS > YES > Networks > YES > Preferred Nets > YES > scroll to the network to delete > YES > Delete.
Rearrange the list	SETTINGS > YES > Networks > YES > Preferred Nets > YES > scroll to the network to move > YES > Change Priority > enter new position > YES.

Some menus/features are operator dependent.

Add a network	<p>SETTINGS > YES > Networks > YES > Preferred Nets > YES > Add new? > YES > scroll to the network to add > YES* > enter a position number > YES.</p> <p>*If the network you want does not appear in the list, scroll to Other and press YES. Enter the three-digit country number and the two-digit network number and press YES. All lower prioritized networks will be shifted one step down in the list.</p>
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Search Modes

Automatic search mode means that your phone searches for the last accessed network first. If this is not available, it automatically searches for another available network within range.

Manual search mode means that your phone searches for the last accessed network first. If this is not available, the question **Select net?** appears. You then need to choose a network as described on the previous page.

Automatic Search	Settings > YES > Networks > YES > Search Mode > YES > Automatic > YES.
Manual Search	Settings > YES > Networks > YES > Search Mode > YES > Manual > YES.

Some menus/features are operator dependent.

Security

This icon indicates () that either SIM Card Lock or Phone Lock is activated.

SIM Card Lock

The SIM card lock only protects your subscription and not your phone itself from unauthorized use. If you change SIM cards, the phone still works with the new SIM card. Most SIM cards are locked at the time of purchase. If the SIM card lock is on, you have to enter the PIN every time you turn on your phone.

Note! If you enter your PIN incorrectly three times in a row, the SIM card is blocked. This is indicated by the message **PIN blocked**. If this happens you need to unblock it to access your subscription. If you enter the wrong PUK 10 times in a row, your card is permanently blocked. If this happens, you should contact your network operator.

Unblock SIM Card	PIN blocked appears > enter your PUK (or PUK2) which you will find in the information supplied by your network operator > YES > enter a new four- to eight-digit PIN (or PIN2) > YES > re-enter the new PIN (or PIN2) to confirm > YES .
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Change PIN	SETTINGS > YES > Locks > YES > Card Lock > YES > Change PIN (or PIN2) > YES > enter the old PIN* > YES > enter the new PIN > YES > repeat new PIN > YES .
Turn Off/On SIM Card Lock	SETTINGS > YES > Locks > YES > Card Lock > YES > Protection > YES > Off (or On) > YES > Enter PIN2 > YES .

Note! If the message **Codes do not match** appears, this means you entered the new PIN incorrectly. If the message **Wrong PIN** appears, followed by **Old PIN**;, you entered your old PIN incorrectly.

Phone Lock

The phone lock protects the phone against unauthorized use if it is stolen and the SIM card is exchanged. It is not on when you buy the phone. You can change the phone lock code (0000) to any 4- to 8-digit personal code.

The phone lock can be **On**, **Automatic**, or **Off**.

Phone Lock On

If the phone lock is **On**, the message **Phone locked Phone lock code:** appears each time you turn on the phone. You have to enter your code followed by **YES** to use your phone.

Some menus/features are operator dependent.

Automatic

If the phone lock is set to **Automatic**, you do not need to enter your phone lock code until a different SIM card is inserted in the phone. After the phone lock code has been entered correctly, the phone can be used with the new SIM card. You are not asked to enter the phone lock code again until the original SIM card or a different SIM card is inserted.

Changing the Phone Lock Code	SETTINGS > YES > Locks > YES > Phone Lock > YES > Change Code > YES > enter the old code > YES > enter the new code > YES > repeat new code > YES.
Setting the Phone Lock	SETTINGS > YES > Locks > YES > Phone Lock > YES > Protection > YES > select On/Automatic/Off (the current selected setting is not available in the list) > enter the phone lock code > YES (the new lock status is shown).

Keypad Lock

This icon  indicates the keypad is locked.

Note! Calls to 911 (or 112, the international number) can be made when the keypad is locked. If the phone alarm rings, you can turn it off by pressing any key.

The keypad remains locked until you:

- answer an incoming call.
- replace the battery.
- unlock the keypad.

Manual Keylock

Lock Keypad	From Standby, press and hold CLR > 2 to select Keylock On > YES.
Unlock Keypad	From Standby, press and hold CLR > Keylock off > YES.

Automatic Keylock

Automatic keylock means that if no keys are pressed in 25 seconds, the keypad will be locked. The keypad lock is always disabled if the phone is connected to vehicle handsfree equipment.

SETTINGS > YES > Locks > YES > Auto Keylock > YES > On > YES.

Some menus/features are operator dependent.

Extras

Alarm Clock

The phone has an alarm clock, which you may find useful when traveling. When it is on, an icon  is shown in the display.

The alarm rings at the time set and the display flashes, even if the phone is turned off. The volume of the alarm signal is always increasing, provided the battery is attached and charged.

The alarm rings for 60 seconds and is repeated every nine minutes, if you do not turn it off. After 60 minutes, the repeat function is turned off automatically.

Set the Alarm	EXTRAS > YES > Alarm Clock > YES > enter the time > YES.
Change Alarm	EXTRAS > YES > Alarm Clock > YES > Set New Time > YES > enter the time > YES.
Turn Alarm Off When it Rings	Press any key to turn the alarm off when it rings. If you do not want the alarm to be repeated, press YES.
Turn Alarm Off	EXTRAS > YES > Alarm Clock > YES > Select Cancel.

Calculator

The phone has a built-in calculator, which can add, subtract, divide and multiply. EXTRAS > YES > Calculator.

- Press # to get +, -, x, /.
- Press CLR to erase a figure to the left of the cursor.
- Press * to enter a decimal point.

Using the Calculator

In this example we are going to divide 134 by 32.

Tip! EXTRAS > YES > Calculator > YES > enter 134 > press # repeatedly until the division sign (/) appears > enter 32 > YES to get the answer.

To clear the display, press CLR.

Games

Your phone has four different games for your enjoyment. There are help texts available in each game as a guide for you to get started.

The following games are available:

- Tetris®
- Solitaire

- Maze
- Erix

Tetris®

The object of **Tetris** is to prevent the blocks from reaching the top. Each time you fill a line, the line disappears.

EXTRAS > **YES** > Games > **YES** > Tetris > **YES**.

Tetris appears in the display > select **Start** > select level (1–10) by using **↶** or **↷** > press any key to start.

Controlling the game

- Press **8** or the lower side volume key = move left
- Press **2** or the upper side volume key = move right
- Press **5** or **9** to rotate
- Press **3** or **6** to drop faster
- Press **CLR** to pause
- Press **NO** to quit

*Tetris®; © Elorg 1987. Classic Tetris™; © Elorg 1998
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Solitaire

The object of **Solitaire** is to form four piles of cards, one per suit, running from ace to king. The cards are dealt out into seven columns. The last six columns have one or more cards facing downward. If the top card in a column is removed, revealing the face-down card, you may turn it face up. Only kings, or stacks of cards beginning with a king may be moved to an empty column.

Extras

Some menus/features are operator dependent.

Columns of cards are built up in descending order and alternating color. For example, the eight of hearts may be placed on either the nine of clubs or spades.

The remaining cards in the deck are available for play. You can turn these cards one at a time. The card in the discard pile may be placed on the columns or the ace piles. When you run out of cards in the deck, you can flip it over and continue.

EXTRAS > **YES** > Games > **YES** > Solitaire > **YES**.

Solitaire appears in the display > to start a game select **New** (or **Resume** if you have played before).

Instead of choosing **Start** you can scroll with **↶** or **↷** to select **Resume game** or **Help** (at step 2 above).

Controlling the game

- Press **1** to select card/pile, confirm move, clip card.
- Press **2** to turn up new card from game deck.
- Press **3** to put card on ace pile.
- Press **4** to view a pile (selection and move is possible).

Maze

The objective of **Maze** is to eat the items in the Maze while avoiding the monsters. Once accomplished, the degree of difficulty will increase.

EXTRAS > **YES** > Games > **YES** > Maze > **YES** > **YES** to start game.

Controlling Maze

- Press **↶** or **↷** to change selections (help, game difficulty, etc.).
- Press **CLR** to pause the game.
- Press **2** to move up.

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Some menus/features are operator dependent.

- Press **8** to move down.
- Press **6** to move right.
- Press **4** to move left.

Erix

The objective of Erix is to isolate the bouncing objects into as small a space as possible. You will draw lines to reduce the playing space. The percentage of space to isolate is displayed in the top corner of the screen. Once accomplished, the degree of difficulty will increase.

EXTRAS > **YES** > Games > **YES** > Erix > **YES** > **YES** to start game.

Controlling Erix

- **←** or **→** to change selections (help, game difficulty, etc.), to move left and right within the game.
- Press **CLR** to pause the game.
- Press **2** to move up.
- Press **8** to move down.
- Press **6** to move right.
- Press **4** to move left.

Timer

The phone has a built-in 24-hour timer. You set the time you want and when that time is out, an alert signal sounds.

Setting the Timer

EXTRAS > **YES** > Timer > **YES** > enter the hours, minutes and seconds > **YES**.

The countdown begins. The timer is shown in standby mode. When the alert sounds, press any key to turn it off.

Setting a New Time When the Timer is Running

EXTRAS > **YES** > Timer > **YES** > Set New Time > **YES** > enter the time > **YES**.

The countdown begins. The timer is shown in standby mode. When the alert sounds, press any key to turn it off.

Turning Off the timer

EXTRAS > **YES** > Timer > **YES** > select **Cancel**.

Note! The timer does not work when the phone is turned off.

Stopwatch

The phone has a built-in stopwatch for you to time a certain activity.

Running the Stopwatch

EXTRAS > **YES** > Stopwatch > **YES** > **YES** to start the stopwatch > **YES** again to stop it.

Resetting the Stopwatch

Press **CLR** when the stopwatch is not running.

Some menus/features are operator dependent.

Note! By pressing # when the stopwatch is running, you can store up to 9 lap times. Press  or  to check your stored lap times. If you receive an incoming call or voice or text message while the stopwatch is running, the stopwatch is turned off. If you exit the stop watch menu the stop watch is turned off.

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Online Services

Online Services

The **Online Services** is the network operators' way of offering customized services, independently of mobile phones and mobile phone manufacturers.

Compatibility

Added value services based on the **Online Services** require two things in order to work:

- a mobile phone that supports the **Online Services**. Your Ericsson phone is such a phone.
- a network operator offering the **Online Services**.

Note! The **Online Services** on the SIM are designed and run by network operators and not by mobile phone manufacturers. If you require further information about the **Online Services**, please contact your network operator.

New Menu

A SIM card which supports the **Online Services** works in the same way as a normal SIM card.

When you have inserted your SIM card and turned on your phone, your network operator may download data to your SIM card. After the first data download and after restarting your phone, the proactive

SIM offers a new menu in the phone. The menu offers you new features and services, which can be used instantly.

In your phone, this menu appears under the **Extras** menu. There can only be one new submenu entry under the main menu, but there can be several submenus under the new submenu entry.

Entering your New Menu System

1 **EXTRAS > YES > Online Services > YES.**

If any submenus appear, select the one that you want and press **YES**.

2 Press **NO** to go back to the standby menu.

Note! Some operators may not use the name **Online Services** for this menu. Please consult your network operator for more information.

Proactive SIM

The **Online Services** provides a proactive SIM. This means that the SIM can tell the phone to take certain actions. These actions could include:

- Showing text from the SIM in the phone's display
- Setting up a call to a number on the SIM
- Initiating a dialog with the user

Note! All these actions are taken by the SIM card and have nothing to do with the phone's software.

Data Download to the SIM Over the Air

Your network operator may at any time download new data to your SIM card over the air. This new data could consist of new features or a new menu.

Resetting your SIM Card

When the operator updates your SIM card over the air, the phone notifies you by showing a message in your display. You also hear a beep.

In order for your new SIM settings to take effect, you have to turn off your phone and then turn it on again.

Note! After a data download the phone may not work and you will not be able to use it until you restart it. This feature is operator dependent and will probably not happen very often.

SIM Card Initiated Features

Note! Some SIM cards may not allow certain numbers to be processed through your network. You will receive a message from the phone that the call is not possible or is not allowed. Refer to your network operator for more details.

The SIM card may prompt you to make a call. This could happen even if you are already engaged in a call.

Online Services

Some menus/features are operator dependent.

When this happens, the phone will notify you by producing a sound and showing a message in the display.

- If you are not engaged in a call, a message is shown in the display, asking you whether you want to confirm and make the SIM card initiated call.

If you want to make the SIM card initiated call, press **YES**.

If you do not want to make the SIM card initiated call, press **NO**.

- If you are already engaged in a call, you are asked either to put the current call on hold or to end it. A message appears in the display, asking you whether you want to confirm and make the SIM card initiated call.

If you want to make the SIM card initiated call, press **YES**.

If you do not want to make the SIM card initiated call (you may want to continue with the ongoing call), press **NO**.

Sending a SIM Card Initiated SMS

The SIM card may set up an SMS (text message) and ask you to send this message, for example by the question **Send message now?** Press **YES** if you want to send the SMS.

Details of Services Offered

All services and functions that come with the **Online Services** are network dependent. Please contact your network operator for details of services offered by the **Online Services**.

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Some menus/features are operator dependent.

Ericsson Mobile Internet

When you are on the move and in need of communication and information, the **Mobile Internet** is the answer.

The **Mobile Internet** is a service supplied by Ericsson to make it easier for you to communicate and receive information quickly, wherever you are. It gives you access to various messaging services, on-line customer services, user manuals and other useful information. With the **Mobile Internet** you can also download communications software to ensure you get the best out of your Ericsson products.

The Ericsson Mobile Internet address is:
<http://mobileinternet.ericsson.com>

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Some menus/features are operator dependent.

Using the WAP Browser

Your phone has a Wireless Application Protocol (WAP) browser which lets you connect to the Internet and access specially designed interactive services. WAP is a standard specially created for mobile communications devices and gives fast access to information and services on the Internet.

Examples of WAP SERVICES you will be able to find are:

- Ericsson Mobile Internet (<http://mobileinternet.ericsson.com>) a portal offering you online access to customer services, user's guides, and useful information when you are traveling
- Reservation services
- News, sports, and weather
- Restaurants, cinemas, games, etc.
- Banking and stock exchange quotes
- Voice mail, e-mail, and fax mail

Terminology

In this chapter, and in the WAP Services menu, you will see many new terms. Here is a brief description of some of the terms that may appear.

WAP – Wireless Application Protocol. A standard created specifically for mobile communications devices that gives you fast and easy internet access from your phone.

WAP Gateway Address – The WAP Gateway access number to your network operator's WAP gateway. Contact your network operator if this information is not stored in your WAP Services settings.

Bookmark – Like any Internet browser, your phone has the capability to store your favorite bookmarks.

Homepage – The page your phone will default to when you begin browsing. Each profile has its own homepage.

Profile – Customized settings to simplify browsing. Each profile has its own settings such as gateway number, homepage, password, and name.

GSM Data – Your bearer for WAP Services. GSM Data, also called Circuit Switched Data, provides transmission rates up to 9.6 k/bits per second.

Preparing Your Phone for WAP

Before you can start using the WAP browser, you need to make sure that your access settings are set correctly. You need to set up your User ID and WAP Gateway address.

Depending on your network operator, you can receive the access settings you need in different ways.

- When you buy your phone together with a WAP subscription. Your operator has already entered all the WAP settings you need.

Some menus/features are operator dependent.

- Over the air via SMS. Your operator sends you a text message with the access settings you need. When this happens you will be asked if you want to install the settings and specify which WAP profile you want them to apply to.

Note! Always make sure who the sender of the message is before you install any settings. If you are unsure, choose not to install any settings by pressing **NO**.

- Manually. Your operator provides you with the settings you need. You can then enter them yourself.

Entering the WAP Settings Manually

The WAP settings you enter will be associated with one of the WAP profiles. If you want to use more than one WAP profile, you need to specify the settings for each profile. See “Using WAP Profiles” on page 70.

Note! Please refer to the information provided by your operator before you enter your settings.

Setting up a GSM Data Connection

- 1 WAP SERVICES > **YES** > WAP Settings > **YES**.
- 2 Select a WAP profile > **YES**.
- 3 Access > **YES** > WAP Gateway > **YES** > User ID > **YES**.
- 4 Enter the User ID to your WAP gateway > **YES**.
- 5 Select **Password** > **YES**.
- 6 Enter the password to your WAP gateway > **YES**.
- 7 Select **IP Address** > **YES**.
- 8 Enter the IP address to your WAP gateway **YES**.
An IP address looks something like this: 123.4.67.901.

Note! An IP address consists of four groups of digits, with a maximum of three digits in each group. If one of your digit groups consists of only one or two digits, you have to enter a zero (0) in front of the original digit for each digit that is missing. For example, if you were to enter the IP number above, 123.4.67.901, you should enter 123.004.067.901.

9 After you have entered the IP address, press **NO** to go back one level in the menus. You are now in the **Access** menu. Follow the instructions below.

10 GSM Data > **YES** > Phone Number > **YES**.

11 Enter the phone number you use with your GSM Data connection > **YES**.

12 User ID > **YES**.

13 Enter the User ID for your GSM Data Connection > **YES**.

14 Password > **YES**.

15 Enter the password for your GSM Data Connection > **YES**.

16 Dial Type > **YES**.

17 Select **Analog** or ISDN connection > **YES**.

You have now entered the settings you need to start browsing the internet.

Opening a WAP Page

There are three ways to open a WAP page:

- by opening a homepage
- by entering the URL or address of the WAP page
- by opening a bookmark that you have saved.

Opening a Homepage

When you buy your phone, the Ericsson Mobile Internet is set as your homepage for all WAP profiles. If you want, you can choose another WAP page as your homepage. See “Changing Homepages” on page 69.

- 1 WAP SERVICES > **YES**.
- 2 Select the top menu > **YES**.

The name of this menu depends on what you have chosen to call or name it. See “Renaming WAP Profiles” on page 71.

Entering a URL

- 1 WAP SERVICES > **YES** > Enter Address > **YES**.
- 2 Enter the address, for example `mobileinternet.ericsson.com` > **YES**.

Tip! If the WAP address starts with `http://`, you do not need to enter this prefix. You only need to enter the prefix if it starts with something else, for example, `ftp://`.

Changing Homepages

- 1 WAP SERVICES > **YES** > WAP Settings > **YES**.
- 2 Select the WAP Profile you want to change > **YES**.
- 3 Edit Homepage > **YES**.
- 4 Enter a name for this homepage > **YES**.
- 5 Enter the address to the WAP page you want to set as your homepage > **YES**.

Options While Browsing

While you are browsing, you can press and hold **YES** to reach an **Options** submenu. The menu may look different depending on what page you are browsing. It can, for example, contain special features

Using the WAP Browser

Some menus/features are operator dependent.

of the WAP page you are currently browsing. It always, however, contains the following options:

- **Go to Menu.** Go back to the WAP Services menu where you can access your bookmarks.
- **Reload page.** Get the latest version of the WAP page you are browsing.
- **Add bookmark.** Add the page you are currently browsing to your list of bookmarks.
- **Send link.** Send the current page as a bookmark to another person via SMS.
- **New homepage.** Set the current WAP page as your homepage.
- **Exit WAP.** End your browsing.

Reaching the Options Menu

Press and hold **YES** while you are browsing.

If you select **Go to Menu** from the **Options** menu, you can easily return to the WAP page you are currently browsing.

Returning to the Browser

WAP SERVICES > **YES** > Resume > **YES**.

Ending your WAP Session

- 1 When you are browsing, press and hold **YES** until the **Options** submenu appears.
- 2 Select to **Exit** > **YES**.
- 3 **Data Call in Progress Remain Connected?** will appear.
- 4 Press **YES** to continue the WAP session or press **NO** to exit and return to standby.

Some menus/features are operator dependent.

Bookmarks

If there are some WAP pages that you often visit, you can save these as bookmarks, making it easier to go to these pages.

You can only add bookmarks while you are browsing.

Adding Bookmarks

- 1 Start the browser in one of the ways described in this chapter.
- 2 Go to the WAP page you want to bookmark.
- 3 Press and hold **YES** until the **Options** submenu appears.
- 4 Select **Add bookmark** > **YES**.

Wait until the message **Bookmark saved** appears in the display.

Opening Bookmarks While Browsing

- 1 When you are browsing, press and hold **YES** until the **Options** submenu appears.
- 2 Scroll to **Go to Menu** > **YES** > **Bookmarks** > **YES**.
- 3 Select the bookmark you want > **YES**.
- 4 Select **Go to** > **YES**.

Images

If you do not want to display the images on the WAP page that you are browsing, you can turn them off. Images take longer to download, but the WAP page may look better with them.

If an image contains a link, you can access the link by highlighting the image, then press **YES**.

If you turn off the **Image Load** function, the images appear as icons in the display.

Turning the Image Load Function On or Off

- 1 WAP SERVICES > **YES** > WAP Settings > **YES**.
- 2 Select a WAP Profile > **YES**.
- 3 **Image Load** > **YES**.
- 4 Select **On or Off** > **YES**.

Download Timeout

Some WAP pages can take a long time to download. You can specify the time that should pass before the download attempt is stopped.

- 1 WAP SERVICES > **YES** > WAP Settings > **YES**.
- 2 Select a WAP profile > **YES**.
- 3 **Access** > **YES** > **Response Timer** > **YES**.
- 4 Enter how many seconds you want the download to continue before it stops. Press **YES**.

Using WAP Profiles

Your phone comes with three WAP profiles to help simplify your browsing. You can, for example, associate one profile to your operator's WAP page and one to your company's intranet. Instead of having to

enter the access settings, when you want to switch between your operator's WAP page and your company's intranet, you can simply switch profiles. It is important to remember two things about the WAP profiles:

- You can set different homepages, one for each WAP profile. When you switch profiles, the homepage changes to the homepage set for that profile.
- A saved bookmark may not work with all WAP profiles. When you save a bookmark, it is associated with the WAP profile that you are currently using. If you cannot access a bookmark, you may solve the problem by switching profiles and then accessing the bookmark again.

Switching WAP Profiles

- 1 WAP SERVICES > **YES** > WAP Profile > **YES**.
- 2 Select a WAP profile > **YES**.

This WAP profile is active until you switch again.

Renaming WAP Profiles

You can change the name of your WAP profiles to a name of your own choice.

- 1 WAP SERVICES > **YES** > WAP Settings > **YES**.
- 2 Select a WAP profile > **YES**.
- 3 Select **Rename** > **YES**.
- 4 Enter a new name > **YES**.

Edit the homepage of a WAP profile

- 1 WAP SERVICES > **YES** > WAP Settings > **YES**.

Using the WAP Browser

Some menus/features are operator dependent.

- 2 Select a WAP profile > **YES**.
- 3 Select **Edit Homepage** > **YES**.
- 4 Enter a guiding name for this profile > **YES**.
- 5 Enter the address to the WAP page you want to set as your homepage for this profile and press **YES**.

Security

When you use certain WAP services, for example e-commerce, you need a secure connection between your phone and the WAP gateway. To establish secure connections, you need to have **certificates** saved in your phone. If you have certificates saved in your phone, you trust all WAP gateways that the certificate supplier (for example, a network operator), has certified. A certificate contains, for example, the name of the certificate supplier and a validity period.

Checking the Certificates in Your Phone

WAP SERVICES > **YES** > Certificates . Now you can see a list of the available certificates.

Setting a Secure Connection

- 1 WAP SERVICES > **YES** > WAP Settings > **YES**.
- 2 Select the profile for which you want the secure connection.
- 3 Select **WAP Security** > **YES**.
- 4 Select **On** > **YES**.

Some menus/features are operator dependent.

Troubleshooting

This chapter lists some problems that you might encounter while using your phone. Some problems require that you call your network operator, but most of the problems you encounter you can easily correct yourself.

Error Messages

Insert Card

There is no SIM card in the phone or you may have inserted it incorrectly. Insert a SIM card. See “Step 2: Insert the SIM Card” on page 10.

Insert Correct SIM Card

The phone is set to only work with certain SIM cards. Insert the correct SIM card.

SOS Calls Only

You are within range of a network but you are not allowed to use it. However, in an emergency, some operators allow you to call the international emergency number 112 (or 911). See “Making Emergency Calls” on page 18.

No Network

There is no network within range or the received signal is too weak. You have to move to get a signal that is strong enough.

Wrong PIN, Wrong PIN2

You have entered your PIN or PIN2 incorrectly. Enter the correct PIN or PIN2, and press **YES**. See “SIM Card Lock” on page 58.

Codes do not match

When you want to change a security code (for example your PIN) you have to confirm the new code by entering it again. The two codes that you have entered do not match. See “SIM Card Lock” on page 58.

PIN/PIN2 Blocked

You have entered your PIN or PIN2 incorrectly three times in a row. To unblock, see “SIM Card Lock” on page 58.

PUK blocked – Contact operator

You entered your personal unblocking key code (PUK) incorrectly 10 times in a row. Contact your network operator.

Phone Locked

The phone is locked. To unlock the phone, see “Phone Lock” on page 58.

Phone lock code:

Your phone comes with the phone lock code, **0000**. You can change it to any four-to eight-digit code. See “Phone Lock” on page 58.

Number not permitted

The **Fixed Dialing** function is on and the number you have dialled is not part of your fixed numbers list. See “Fixed Dialing” on page 44.

Charging, alien battery

The battery you are using is not an Ericsson-approved battery and is charging slowly for safety reasons.

Other Problems

No Indication of Charging

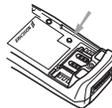
When you start charging a battery that is empty or a battery that has not been used for a long time, it may take a while until the battery meter appears.

The Phone Cannot Be Powered On

Recharge or replace the battery. See “Step 3: Attach the Battery” on page 11.

Screen Display Freezes

If the display does not respond to keypad entries or the phone appears to be locked, it may be necessary to reset the phone by pressing the Hardware Reset button (located under the battery). Press and hold the **NO** key to power the phone on.



Some menus/features are operator dependent.

Accessories, Accessibility, and Internet

Technical Assistance/Ordering Accessories

- North America – 1-800-ERICSSON (1-800-374-2776)
- Latin America – 305-755-6789
- Other countries – 919-472-7908

Accessible Solutions/Special Needs

For information on Accessible Solutions for individuals with special needs call the Ericsson Special Needs Center at 877-878-1996 (TTY) or 877-207-2056 (voice), or visit the Ericsson Special Needs Center at: <http://www.ericsson-snc.com>

Internet

Visit Ericsson on the internet at: <http://mobile.ericsson.com>

Some menus/features are operator dependent.

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Some menus/features are operator dependent.

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Storing Numbers in Phone Book

Enter phone number > **PHONE BOOK** > **YES** > **Add Number** > **YES** > **YES** to select number > enter name > **YES** to select next available position.

Adding a Voice Label to an Existing Phone Book Entry

Scroll to **HONE OOK** > **YES** > **Find and Edit** > enter the name or press **YES** again to view the entire list > **Add voice** > Follow the prompts to record and store.

Emergency Calls

Enter 911 (or 112) and press **YES** to call.

Handling Multiple Calls

When on a call, scroll to **ONGOING CALL**. Use this menu to initiate conference calls or to toggle between several calls.

Setting the Alarm

EXTRAS > **Alarm Clock** > enter the alarm time, in hours and minutes > **YES**. When the alarm sounds, press any key to deactivate. Press **YES** to turn off the alarm.

International Calls

Press and hold down **0** until **+** appears (the **+** symbol replaces the international code). Enter the number. Press **YES** to call.

Website

<http://mobile.ericsson.com>

Technical Support

North America – 1-800 ERICSSON
Latin America – 305-755-6789
Other Countries – 919-472-7908

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Quick Card

Voice Dialing

Press and hold **Yes** or press and hold a side volume key to prompt voice dialing. Say the label after the prompt.

Checking Battery Status

Press a side volume key.

Phone Book Position Information

Press the position number and # to view what is stored in that position.

Toggle Input Methods

Press and hold # while you are entering text.

Find and Call

Press and hold the right arrow key. Press **Yes** to see an alphabetical listing (depends on sort order).

My Shortcuts

Press and hold the left arrow key to access the first submenu in the **MY SHORTCUTS** Menu.

Viewing Phone Book Entries

Hold down a number key to view Phone Book entries beginning with the corresponding letter (for instance, press 4 to see entries beginning with G).

Voicecall

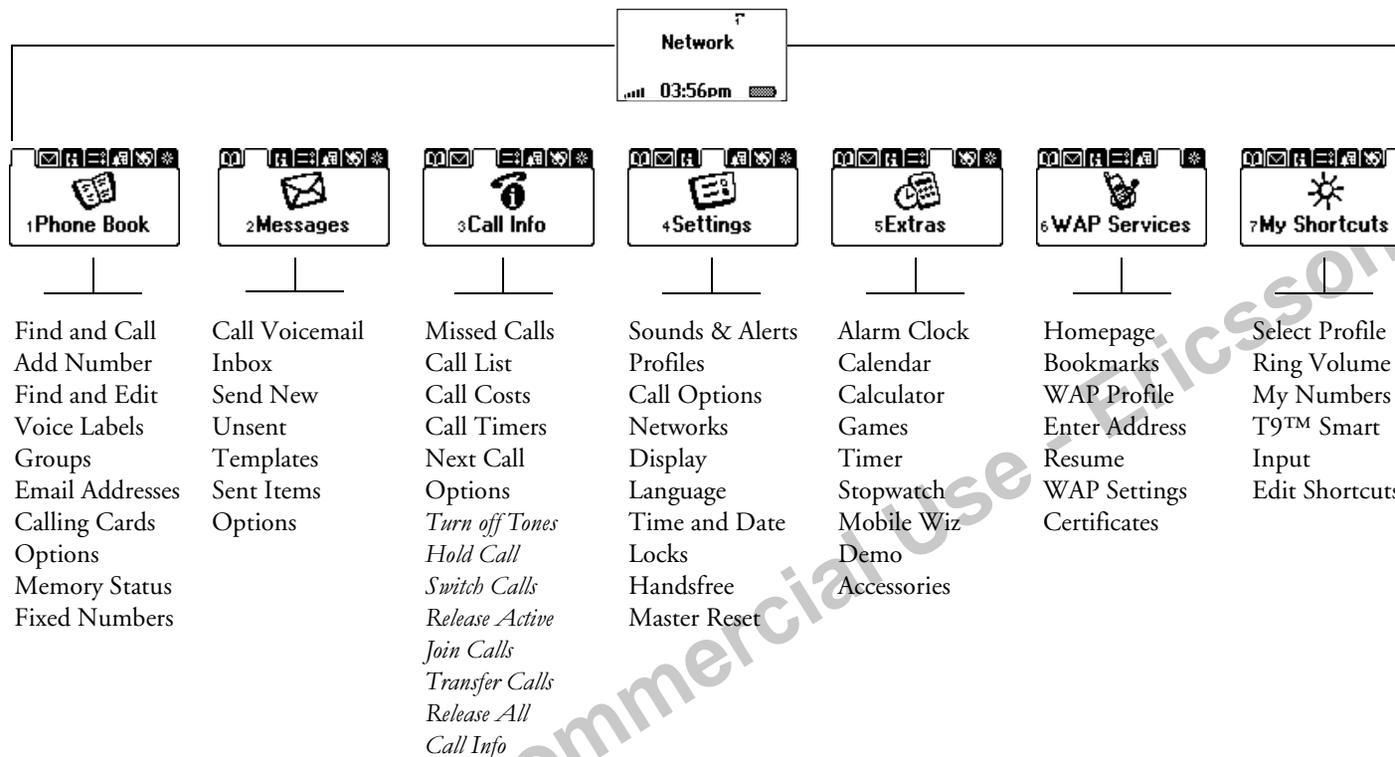
Press and hold 1.

Microphone Mute (during a call)

Press and hold CLR.

Keypad Lock/Silent Mode

Press and hold CLR to lock/unlock the keypad or turn on/off silent mode.



Note! Some menus/features are operator dependent.

ONGOING CALL replaces CALL INFO when engaged in a call. The submenus shown in italics will appear under the ONGOING CALL menu.

The Accessories submenu only appears when an accessory is connected.

<http://www.ericsson.com/phones>



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