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2 	A B C 2 Ä Å à ¢ ß Ç a b c 2 ä å à ¢ ß ç	2
3 	D E F 3 Δ Ê è Φ d e f 3 Δ é è Φ	3
4 	G H I 4 Γ Ì g h i 4 Γ ì	4
5 	J K L 5 Λ j k l 5 Λ	5
6 	M N O 6 Ñ Ò Ó Ò Ω m n o 6 ñ ò ó ò Ω	6
7 	P Q R S 7 Π Β Σ p q r s 7 π β σ	7
8 	T U V 8 Θ Û Ü t u v 8 θ ü ü	8
9 	W X Y Z 9 Ξ Ψ w x y z 9 ξ ψ	9

Erasing text

If you have entered a wrong character or number, press **Clear** to erase. Pressing and holding **Clear** will clear a whole line.

Press **Left** or **Right** to move the cursor backward/forward.

Using key lock

The key lock helps to prevent unwanted key operations when you carry your phone.

To enable key lock:

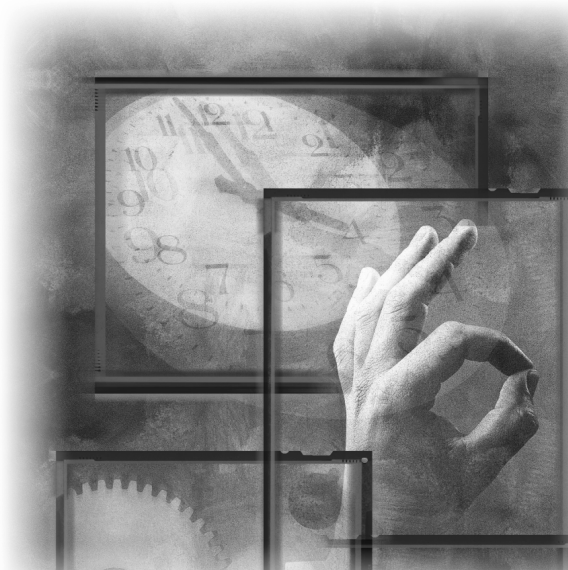
In standby mode, press the left soft key, then  key.

To unlock:

Basic Operations

Press **Unlock**, and then press  key.

Phone Book



Adding a Phone Book entry

You can add a new entry to Phone Book in the following ways:

Method 1

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Add** and press **Select**.
3. You will be prompted to enter the name of the entry. Enter the name and press **OK**.
4. Enter the phone number and press **OK**.

Method 2

1. In standby mode, enter the number using the alphanumeric keys.
2. Press **Save**. You will be prompted to enter the name of the entry. Enter the name and press **OK**.

Method 3

1. During a call, enter the number using the alphanumeric keys.
2. Press **Save**. You will be prompted to enter the name of the entry. Enter the name and press **OK**.

Searching for a Phone Book entry

To search for a Phone Book entry:

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Press **Select**.
3. Enter the name of the Phone Book entry you want to look for. You can also enter only the beginning few letters of the name.
4. The entries that match the name (or contain the letters) you entered will appear on the screen.

Editing a Phone Book entry

Editing name

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the name and press **Options**.
4. Press **Select**.

5. Edit the name and when finished, press **OK**.

Editing number

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the number and press **Options**.
4. Scroll to **Edit** in the menu that appears and press **Select**.
5. Edit the number and when finished, press **OK**.

Adding new phone number to existing entries

You can record up to 4 different phone numbers under a Phone Book entry that is stored in the phone memory.

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the name (or number) and press **Options**.
4. Scroll to **Add Number** and press **Select**.
5. Enter the new number and when finished, press **OK**.
6. You will be prompted to select a type for the new number. Scroll to an appropriate type and press **Select**.

Changing caller group

The Caller group function allows you to separate your Phone Book entries in different groups. For details about the Caller group function, please refer to "Setting up Caller Group" on page 31.

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the name (or number) and press **Options**.
4. Scroll to **Change Group** and press **Select**.
5. Scroll to a desired caller group and press **Select**.

Sending a entry as business card

With this function, you can send the details of a Phone Book entry to another person as a business card.

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the name (or number) and press **Options**.
4. Scroll to **Send business card** and press **Select**.

5. If you want to send the business card as a new message immediately, scroll to **Send as SMS** and press **Select**. Enter the number of the recipient (or pick up a recipient from Phone Book by pressing **Names**) and press **Send**. If you want to edit the business card before sending it, scroll to **Send as text** and press **Select**.

Assigning default phone number

If you have multiple phone numbers in a Phone Book entry, you can assign one of these numbers as default number. This default number is dialed when you make a call from the Phone Book or using the Speed Dial function.

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the number you want to set as default and press **Options**.
4. Scroll to **Set as default** and press **Select**.

Changing the type of number

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the number and press **Options**.
4. Scroll to **Change Type** and press **Select**.
5. Scroll to a desired type for the number and press **OK**.

Sending messages from Phone Book

To send a new message from Phone Book:

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the number and press **Options**.
4. Scroll to **Send message** and press **Select**.
5. Compose the message. When finished, press **Options** and then **Send** to send the message.

Erasing Phone Book entry

Method 1

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Erase** and press **Select**.

To erase Phone Book entries one by one:

1. Scroll to **One by one** and press **Select**.
2. Scroll to select the Phone Book entry you want to erase and press **OK**.
3. Press **OK**.

To erase all Phone Book entries:

1. Scroll to **All**.
2. To delete all Phone Book entries stored in phone memory, scroll to **Phone**.
To delete entries on the SIM card, scroll to **SIM**.
3. Press **Select**.

Method 2

1. In Phone Book, scroll to the entry you want to erase and press **Detail**.
2. Scroll to the name (or number) and press **Options**.
3. Scroll to **Erase** and press **Select**.

Copying Phone Book entry

Method 1

With the copy function, you can copy (or moving) Phone Book entries in the phone memory to SIM card memory and vice versa. Please note that if you copy a Phone Book entry with multiple numbers from phone memory to SIM card, only the first (default) number will remain.

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Copy** and press **Select**.

To copy Phone Book entries from phone to SIM card:

- Press **Select**. You can choose to copy Phone Book entries one by one or all at once.
- Select **Keep original** (copy the Phone Book entry to a new location) or **Move original** (move the Phone Book entry to a new location).

To copy Phone Book entries from SIM card to phone:

- Scroll to **SIM to Phone** and press **Select**. You can choose to copy Phone Book entries one by one or all at once.
- Select **Keep original** (copy the Phone Book entry to a new location) or **Move original** (move the Phone Book entry to a new location).

Method 2

1. In Phone Book, scroll to the entry you want to copy and press **Detail**.
2. Scroll to the name (or number) and press **Options**.

3. Scroll to **Copy** and press **Select**.
4. If you want to keep the original and make a copy to another location (i.e. if your Phone Book is using SIM card memory, it will be copied to the phone memory and vice versa), scroll to **Keep original**. To move the entry to another location, scroll to **Move original**.
5. Press **Select**.

Setting up Speed Dial

Speed Dial is a shortcut that allows you to make a call simply by long pressing alphanumeric keys  ~ .

To set up speed dial:

Method 1

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Speed Dial** and press **Select**.
3. Choose an empty speed dial key and press **Select**.
4. Your Phone Book entries will appear on the screen. Pick up a number by pressing **Select**.

Method 2

1. Long press a key that has not been assigned a speed dial number.
2. The screen will prompt you to assign the speed dial key. Press **OK**.
3. Press **Select**.
4. Your Phone Book entries will appear on the screen. Pick up a number by pressing **Select**.

Viewing speed dial number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Speed Dial** and press **Select**.
3. On the speed dial list that appears, scroll to choose a number to view.
4. Press **Options** and select **View**.

Changing speed dial number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Speed Dial** and press **Select**.
3. On the speed dial list that appears, scroll to choose a number to change.

4. Press **Options** and select **Change**.
5. Your Phone Book numbers will appear on the screen. Pick up a new number by pressing **Select**.

Erasing speed dial number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Speed Dial** and press **Select**.
3. On the speed dial list that appears, scroll to choose a number to erase.
4. Press **Options** and select **Erase**.

Setting up Caller Group

You can place your Phone Book entries under different Caller Groups and give each Caller Group different ringtone, backlight and screen graphic. When you have an incoming call, you can judge the caller by its specific Caller Group.

Changing caller group settings

Changing caller group name

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Caller Group** and press **Select**.
3. The Caller Group list will appear on the screen. Scroll to a caller group and press **Select**.
4. Press **Select**.
5. Enter a new name of the Caller Group.
6. Press **OK**.

Changing caller group ringtone

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Caller Group** and press **Select**.
3. The Caller Group list will appear on the screen. Scroll to a caller group and press **Select**.
4. Scroll to **Ring Tone** and press **Select**.
5. Scroll to a desired ring tone and press **OK**.

Changing caller group graphic

1. Enter Phone Book by pressing the right soft key in standby mode.

2. Scroll to **Caller Group** and press **Select**.
3. The Caller Group list will appear on the screen. Scroll to a caller group and press **Select**.
4. Scroll to **Graphic** and press **Select**.
5. Press **On** (display graphic) or **Off** (do not display graphic).
6. If **On** is selected, scroll to **View** to view available graphics. Scroll to a desired graphic and press **OK**.

Miscellaneous settings

Personal number

If your SIM card supports, your phone number will be recognized and displayed here. Otherwise, you need to specify your phone number manually. You can specify up to 2 numbers.

Adding a personal number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Personal Number** and press **Select**.
3. Press **Options** and press **Select**.
4. Enter your name and phone number.
5. Press **OK**.

Editing personal number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Personal Number** and press **Select**.
3. Scroll to the number you want to edit and press **Options**.
4. Scroll to **Edit** and press **Select**.
5. Edit the name and number. When finished, press **OK**.

Erasing personal number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Personal Number** and press **Select**.
3. Scroll to the number you want to erase and press **Options**.
4. Scroll to **Erase** and press **Select**.
5. Press **OK**.

Your own business card

With the business card function, you can edit your personal information and send it to other person via a short message.

Creating your own business card

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Scroll to **Edit** and press **Select**.
4. Enter your personal information. When finished, press **Save**.

Viewing your business card

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Press **Select**.

Sending your business card

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Scroll to **Send My Own Card** and press **Select**.
4. If you want to send the business card as a new message immediately, scroll to **Send as SMS** and press **Select**. Enter the number of the recipient (or pick up a recipient from Phone Book by pressing **Names**) and press **Send**. If you want to edit the business card before sending it, scroll to **Send as text** and press **Select**.

Before sending a business card, you can specify the contents of the information.

1. Scroll to **Info. setting** and press **Select**.
2. Scroll to an item and press **Off** or **On**. Only checked items will be included in the business card.

Editing your business card

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Scroll to **Edit** and press **Select**.
4. Edit the contents of your business card. When finished, press **Save**.

Erasing your business card

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **My Own Card** and press **Select**.

3. Scroll to **Erase** and press **Select**.
4. Press **OK**.

Fixed dial number

If your SIM card supports, you can use this function to restrict outgoing calls only to the numbers (or the numbers that begin with the same digit(s)) on the fixed dial list.

Activating Fixed dial

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Press **On**.
4. Enter your PIN 2 code and press **OK**.

Adding new Fixed dial number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **Number list** and press **Select**.
4. Press **Select**.
6. Enter your PIN 2 code and press **OK**.
7. Enter the name of the fixed dial number and press **OK**.
8. Enter the number and press **OK**.

Viewing Fixed dial number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **Number list** and press **Select**.

Editing Fixed dial number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **Number list** and press **Select**.
4. Scroll to a Fixed dial number and press **Options**.
5. Scroll to **Edit** and press **Select**.
6. Enter your PIN2 code and press **OK**.
7. Edit the name and number. When finished, press **OK**.

Erasing Fix dial number

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **Number list** and press **Select**.
4. Scroll to a Fixed dial number and press **Options**.
5. Scroll to **Erase** if you want to erase selected Fixed dial number. If you want to erase all fixed dial numbers, scroll to **Erase all**. Press **Select**.
6. Enter your PIN2 code and press **OK**.
7. Press **OK** to confirm.

Phone Book memory setting

Selecting Phone Book memory

You can select the memory to use for your Phone Book.

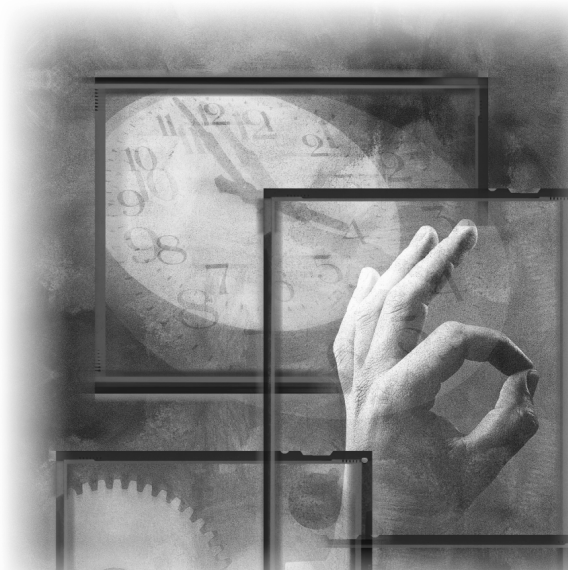
1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Option** and press **Select**.
3. Press **Select**.
4. Scroll to **SIM** and press **Select** if you want to use SIM memory, or scroll to **Phone** and press **Select** if you want to use phone memory.
5. Press **OK**.

Checking Phone Book memory status

1. Enter Phone Book by pressing the right soft key in standby mode.
2. Scroll to **Option** and press **Select**.
3. Scroll to **Memory status** and press **Select**.

Dialing lo ???

The Main Menu



The main menu of your phone is accessed by pressing the left soft key in standby mode.

Press **Up** or **Down** to scroll the menu.

Press **Right** or **Select** to view the contents of the menu or select an option.

Press **Left** or **Exit** to return to previous menu or abort selection.

You can also navigate using the quick access keys:

1. In standby mode, press the left soft key.
 2. Press the quick access keys. For example, to go to **Dialed Calls**, press  .
- See Appendix for the quick access keys.



Message

The options in the Message menu allow you to write, send and receive messages and setup message settings.

Note

Before you can use Message functions, make sure that related message settings are configured properly. (Depending on your operator, the settings may have already been programmed on the SIM card). Refer to "Text message settings" on page 43 for details.

Writing and sending new messages

You can write and send text messages. Your phone supports EMS (Enhanced Messaging Service) standard which allows you to insert picture, sound, animation and melodies..., etc. in a message.

Note

The recipient's phone must also support EMS functionality to receive and view your EMS messages.

To write a new message:

1. In standby mode, press the let soft key, **Select**.
2. Press **Select** two times.
3. Enter the contents of the message. When writing, you can press **Options** to access the options below:
 - **Send**: Send the message immediately. If this option is selected, you will be prompted to enter the number of the recipients. You can also pick up recipients from your Phone Book by pressing **Names**.
 - The message can be sent to one recipient and copy to up to 9 recipients.
 - **Save**: Save the message as a draft in Outbox.
 - **Insert template**: Insert preset messages template. You can also customize your own templates. Please refer to "Customizing preset message templates" on page 42 for how to customize message templates.
 - **Insert personal data**: Insert a name or phone number from your Phone Book. You can also insert your own business card into the message.
 - **Insert picture**: Insert a picture into the message. You can also draw your own picture. For details, refer to "Alarm clock" on page 75.
 - **Insert animation**: Insert an animation into the message.
 - **Insert sound**: Insert sound effect into the message.

- **Insert melody:** Insert a ring tone melody into the message.
- **Insert calendar note:** Insert a calendar note into the message.
- 4. If the message is sent, copy will be stored in your Outbox.

You can also send a message from message templates. Please refer to "Sending a message from templates" on page 42 for details.

Viewing sent messages

The draft and sent messages are automatically stored in the Outbox. To open the Outbox and check these messages:

1. In standby mode, press the left soft key, **Select**.
2. Press **Select**.
3. Scroll to **Outbox** and press **Select**. A list of draft and sent messages will appear on the screen. The icon that appears in front of a message indicates the status of the message.

Icon	Status of message
	Unsent message
	Sent message

4. Scroll to a message and press **Select**. The message will be opened.
5. Press **Options** and you can also choose to perform the following operations to selected message.
 - **Erase:** Erase current message.
 - **Send:** Send this message to other recipients.
 - **Edit:** Edit current message. You can send the message after you finish editing.
 - **Use number:** Capture the numbers in the message. The numbers captured will appear on the screen. Scroll to a number and press **Select**. You can call the number directly or save it in Phone Book.

Viewing received messages

When a new message is received, the new message prompt and the icon



will appear on the screen.

Press **Detail**. The list of received messages will appear on the screen.

Viewing received messages in the Inbox

The messages you received are stored in the Inbox.

To open Inbox and view received messages:

1. In standby mode, press the left soft key, **Select**.
2. Press **Select**.
3. Scroll to **Inbox** and press **Select**. A list of received messages will appear on the screen. The icon that appears in front of a message indicates the status and type of it.

Icon	Status of message
	Unread message
	Read message
	Unread e-mail message
	Read e-mail message
	Unread Fax message
	Read Fax message
	Unread paging message
	Read paging message
	Unread message in any other format
	Read message in any other format

4. Scroll to a message you want to read and press **Select**. The contents of the message will be opened to the screen.
5. You can press **Options** to perform the following operations:
 - **Erase**: Erase current message.
 - **Reply**: Reply to current message.
 - **Forward**: Send this message to other recipients.
 - **Edit**: Edit current message. You can send the message after you finish editing.
 - **Use number**: Capture the numbers in the message. The numbers captured will appear on the screen. Scroll to a number and press **Select**. You can call the number directly or save it in Phone Book.

- **Callback:** Make a call to the sender of current message.
- **Open Chatroom:** Open a new chatroom session with the sender of current message. You can also add other members to the chatroom.

Chatroom

The Chatroom function allows you to chat on-line with multiple members via text messages. In a chat session, you can invite up to 4 members to your chatroom and talk to each other simultaneously.

If someone else invites you to join his/her chatroom, you will be notified by a chat message. Press **OK** to join the chat.

Opening a new chat session

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Chatroom** and press **Select**.
3. Enter the number of chat member, or pick a member from your Phone Book by pressing **Names**. Repeat this step if you want to invite multiple members to your chatroom.
4. Press **OK**.
5. Enter your nickname and press **OK**.

In a chat session, the chat members' message will appear on the screen following their nicknames. You can enter your message and send it by pressing **Options**, **Select**. Your message will appear on the screen following the symbol ">" and your nickname.

Options during a chat session

Press **Options** during a chat session. Scroll to an option and press **Select** to select it.

- **Send:** Send the message you entered.
- **Insert template:** Insert message templates into your chat message. You can also customize your own message templates. See "Customizing message template" on page 42 for details.
- **Insert Smiley:** Insert smiley symbols into your chat message.
- **Nickname:** change your nickname during a chat session. Enter your new nickname and press **OK**.
- **Chat numbers:** Invite new members to your chatroom. Enter the number of chat member, or pick a member from your Phone Book by pressing **Names**.
- **View History:** View the history of current chat session.

Customizing preset message templates

Templates are frequently used phrases preset in phone memory. When writing a message, you can insert them into your message directly. You can also customize your own templates.

Customizing message template

1. In standby mode, press the left soft key, **Select**.
2. Press **Select**.
3. Scroll to **Template** and press **Select**.
4. Scroll to an empty template and press **Select**.
5. Scroll to **Edit template** and press **Select**.
6. Write the contents of the template. When done, press **Save**.

Erasing customized message template

1. In standby mode, press the left soft key, **Select**.
2. Press **Select**.
3. Scroll to **Template** and press **Select**.
4. Scroll to a customized template and press **Select**.
5. Scroll to **Erase template** and press **Select**.

Sending a message from templates

1. In standby mode, press the left soft key, **Select**.
2. Press **Select**.
3. Scroll to **Template** and press **Select**.
4. Scroll to a template you want to send and press **Select**.
5. Press **Select**.
6. Enter the recipients number or pick one from Phone Book by pressing **Names**.
7. Press **Send** and the message will be sent.

Erasing all messages

This function allows you to erase all messages in Inbox and Outbox.

1. In standby mode, press the left soft key, **Select**.
2. Press **Select**.
3. Scroll to **Erase all** and press **Select**.
4. Press **Erase**.

Text message settings

Configuring text message setting profiles

The message settings can be configured in different profiles. Usually you use the profile of your operator on the SIM card. If your SIM card does not contain such profile, you need to set up a profile in your phone.

Using the profile on your SIM card

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Settings** and press **Select**.
3. Press **Select** three times.

Configuring a new profile

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Settings** and press **Select**.
3. Press **Select**.
4. Scroll to an empty profile and press **Select**.
5. Scroll to **Customize** and press **Select**.
6. Complete following settings:
 - **Name**: Enter a name for this profile.
 - **Center number**: Enter the message center number. This number is supplied by your operator.
 - **Send As**: Defines the type of message. Your system operator may be able to convert your message to the type you select here. Press **Left** or **Right** to select a type.
 - **Valid Period**: The valid period determines the duration of time the message is stored in the message center if it can not be successfully received by the recipient. Press **Left** or **Right** to select a duration.
6. Press **Save**.

Using a self-configured profile

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Settings** and press **Select**.
3. Press **Select**.
4. Scroll to the profile you configured and press **OK**.
5. Press **Select**.

Configuring voice mailbox number

Depending on your operator, the voice mailbox number may have already been programmed on the SIM card and your phone can detect it automatically. Otherwise, you have to enter it following the steps below:

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Voice mail** and press **Select**.
3. Enter the voice mailbox number and press **Save**.

Message options

Message status report

If this function is turned on, your operator will send you a message delivery report, letting you know if your message is sent successfully.

To turn on/off the message status report:

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Settings** and press **Select**.
3. Scroll to **Misc. setting** and press **Select**.
4. Press **On** (or **Off**).

Reply path

The Reply Path function allows the recipient of your message to send you a reply message via your message center.

To turn on/off the reply path:

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Settings** and press **Select**.
3. Scroll to **Misc. setting** and press **Select**.
4. Scroll to **Reply Path** and press **On** (or **Off**).

Send by GSM or GPRS

Depending on your selection here, your message can be sent either by GSM or by GPRS.

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Settings** and press **Select**.
3. Scroll to **Misc. setting** and press **Select**.
4. Scroll to **Send by** and press **Select**.
5. Scroll one of the following items and press **OK**.

- **GSM first:** Send messages via GSM network first. If GSM network is not available, send messages via GPRS.
- **GPRS first:** Send messages via GPRS first. If GSM network is not available, send messages via GSM network.
- **GSM only:** Send messages via GSM network only.
- **GPRS only:** Send messages via GPRS only.

Checking message memory status

The messages you received and the copy of your sent messages are stored in the memory in your phone and on the SIM card. You can check the status of the memory here.

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Settings** and press **Select**.
3. Scroll to **Misc. setting** and press **Select**.
4. Scroll to **Memory status** and press **Select**.

Sending history

After you send a message, the related data will be registered to the sending history for you to check later.

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Sending history** and press **Select**.
3. The list of history records will appear on the screen. Scroll to a record and press **Select** to view its details.

Cell broadcast options

Cell broadcast refers to the text messages that your operator sends to all subscribers. For example, on-line traffic report or notification from the system operator. For details about cell broadcast services and contents, please contact your operator.

Turning on or off cell broadcast

You can choose to turn on or off the cell broadcast.

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Cell broadcast** and press **Select**.
3. Press **On** (or **Off**).

Setting up cell broadcast topics

The Main Menu

You can edit cell broadcast topics in the topics list.

1. In standby mode, press **the left soft key, Select**.
2. Scroll to **Cell broadcast** and press **Select**.
3. Scroll to **Topic** and press **Select**.
4. Scroll to the topic you want to edit.
5. Edit the topic. When done, press **Save**.

Sending message service commands

With this function you can edit and send certain service commands to your operator to perform certain operations.

For details on service commands and how to use them, please consult your operator.

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Service command** and press **Select**.
3. Enter the command and press **Send**.

Call Meter

The options in the Call Meter menu allow you to easily manage your phone call records.

Viewing missed call records

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Press **Select**. The list of missed calls will appear on the screen. Each call record is represented by the name of the caller. If the caller can not be found in your Phone Book, or the number is unknown, **No Number** will appear.
4. You can press **Options** to access the following options:
 - **View**: View date and time record of the missed call.
 - **Erase**: Erase this call record. Press **OK** to erase it.

Viewing received call records

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Received calls** and press **Select**. The list of received calls will appear on the screen. Each call record is represented by the name of the caller. If the caller can not be found in your Phone Book, or the number is unknown, **No Number** will appear.
4. You can press **Options** to access the following options:
 - **View**: View date and time record of the missed call.
 - **Erase**: Erase this call record. Press **OK** to erase it.

Viewing dialed call records

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Dialed calls** and press **Select**. The list of dialed calls will appear on the screen. Each call record is represented by the name of the recipient. If the recipient can not be found in your Phone Book, only the number you dialed will appear.
4. You can press **Options** to access the following options:
 - **View**: View date and time record of the missed call.
 - **Erase**: Erase this call record. Press **Select** to erase it.
 - **Call**: Make a call to the recipient immediately.

- **Save:** Save this record to Phone Book.

Erasing all call records

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Erase all** and press **Select**.
4. Press **OK**.

Viewing call time information

You can check the duration of your phone calls with this function. The information includes the duration of the last call, all calls, received calls and dialed calls.

To view call time information:

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Call Time** and press **Select**.
4. Scroll to the type of information you want to view and press **Select**.

Clearing call timer

The call time can be cleared by resetting the call timer.

1. In standby mode, press **the left soft key**.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Call Time** and press **Select**.
4. Scroll **Clear timer** and press **Select**.

Viewing call cost information

If your operator supports, you can check the cost of your last call and all calls with this function. Note that the call cost shown here may not exactly reflect the amount of your phone bill, since there may be different discount rates offered by your system operator in different time periods.

Note

You need PIN2 code to access certain call cost functions.

Viewing call cost

1. In standby mode, press the left soft key.

2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Call Cost** and press **Select**.
4. Scroll to **Last call** or **All calls** and press **Select**.

Clearing call cost

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Call Cost** and press **Select**.
4. Scroll to **Clear cost** and press **Select**.
5. Enter your PIN2 code and press **OK**.

Viewing remaining call cost credit

Call cost credit is used to limit the cost of your call. If your call cost exceeds such credit, you will not be able to make phone calls. However, you can still make emergency calls.

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Call Cost** and press **Select**.
4. Scroll to **Credit remaining** and press **Select**.

Configuring call cost settings

Note

You will be prompted to enter your PIN2 code when modifying call cost settings.

Before you can obtain call cost information, you need to configure call cost settings following the steps below:

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Call Cost** and press **Select**.
4. Scroll to **Setting** and press **Select**.
5. Scroll to an item and press **Select** to configure.
 - **Cost limit**: Enter a cost limit. This limit is also your call cost credit.
 - **Currency**: Enter the currency that will be used to calculate your call cost.
 - **Price unit**: Enter the unit of price that will be used to calculate your call cost.
6. When done, press **OK**.

Viewing GPRS related information

GPRS data

GPRS data counter

The GPRS data counter provides information about the size of data you sent/received via GPRS.

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **GPRS data counter** and press **Select**.
4. Scroll to an item below and press **Select** to view corresponding information:

Last sent: Display the total size of data you last sent.

Last received: Display the total size of data you last received.

Total sent: Display the total size of data you sent.

Total received: Display the total size of data you received.

Clearing GPRS data counter

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **GPRS data counter** and press **Select**.
4. Scroll to **Clear counter** and press **Select**.

GPRS connection time

GPRS timer

The GPRS time counter provides information about the duration you spent on GPRS connection.

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **GPRS connection time** and press **Select**.
4. Scroll to an item below and press **Select** to view corresponding information:
 - **Last connection:** Display the duration of your last GPRS connection.
 - **Total connection:** Display accumulated duration of all GPRS connection.

Clearing GPRS timer

1. In standby mode, press **the left soft key**.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **GPRS connection time** and press **Select**.
4. Scroll to **Clear timer** and press **Select**.

In-call count

The In-call count function automatically counts the time or cost and displays such information on the screen when you are on a call.

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **In-call count** and press **Select**.
4. Scroll to **Call time** (display call time during a call) or **Call cost** (display call time during a call) and press **Select**.

Session information

If this function is activated, the time and cost information of the phone call will appear on the screen after you end a call.

1. In standby mode, press the left soft key.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Session information** and press **On** (to activate it) or **Off** (to deactivate it).

Call Feature

The options in the Call Feature menu allows you to access advanced call features.

Note

Some of the call features described in this section are operator dependent. Please consult your operator for availability.

Call divert

If for any reason you can not answer a call, you can activate the call divert function to direct incoming calls to a specific phone number. If Call divert function is activated, the icon  will appear on the screen.

Diverting voice calls

To activate call divert function for voice calls:

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Press **Select**.
4. Press **Select**.
5. Scroll to a desired condition:
 - **When Busy**: divert all voice calls when you are on a call.
 - **No Reply**: divert all voice calls when they are not answered.
 - **Not Reachable**: divert all voice calls when you are outside your operator's network service area.
 - **Not Available**: divert all voice calls whenever you are not available for answering a call.
 - **All Calls**: divert all incoming voice calls.
6. Press **Select**.
7. Enter the number you want to divert to and press **OK**, or press **Names** to pick up the number from your Phone Book.
8. Press **OK**.

Deactivating voice call divert function

To cancel specific call divert function, scroll to **Off** and press **Select** in step 6 above.

Inquiring status

To inquire the service status of specific call divert function, scroll to **Status** and press **Select** in step 6 above.

Diverting data or fax calls

To activate call divert function for voice calls:

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Press **Select**.
4. Scroll to **Fax calls** (to divert Fax calls) or **Data calls** (to divert data calls) and press **Select**.
5. Press **Select**.
6. Enter the number you want to divert to and press **OK**, or press **Names** to pick up the number from your Phone Book.
7. Press **OK**.

Deactivating data or fax call divert function

Scroll to **Off** and press **Select** in step 5 above.

Inquiring status

Scroll to **Status** and press **Select** in step 5 above.

Deactivating all call divert functions

You can deactivate all call divert functions (including voice, Fax and data calls) at once.

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Press **Select**.
4. Scroll to **Cancel all** and press **Select**.

Call waiting

If activated, the Call waiting function allows you to answer the second incoming call when you are on a call. See "Answering a new incoming call" on page 19 for details.

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.

3. Scroll to **Call waiting** and press **Select**.
4. Scroll to **On** and press **Select**.

Deactivating call waiting

To cancel call waiting, scroll to **Off** and press **Select** in step 4 above.

Inquiring status

To inquire the service status of call waiting function, scroll to **Status** and press **Select** in step 4 above.

Call barring

With Call barring function, you can bar (restrict) incoming and outgoing calls under certain conditions.

Note

You need network code to activate/deactivate call barring function. Such code is available from your operator.

Barring outgoing calls

To bar outgoing calls:

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Call barring** and press **Select**.
4. Press **Select**.
5. Scroll to a desired barring condition:
 - **Int'l calls**: bar all outgoing international calls.
 - **Int'l calls except home**: bar all outgoing international calls except the calls made to your home country.
 - **All calls**: bar all outgoing calls.
6. Press **Select**.
7. Press **Select**.
8. Enter your network code and press **OK**. The phone will contact the system and activate selected call barring function.

Cancel barring of outgoing calls

To deactivate barring of outgoing calls, scroll to **Off** and press **Select** in step 7 above.

Inquiring status

To inquire the service status of call barring function, scroll to **Status** and press **Select** in step 7 above.

Barring incoming calls

To bar incoming calls:

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Call barring** and press **Select**.
4. Scroll to **Incoming calls** and press **Select**.
5. Scroll to a desired barring condition:
 - **When roaming**: bar all incoming calls when roaming.
 - **All calls**: bar all incoming calls.
6. Press **Select**.
7. Press **Select**.
8. Enter your network code and press **OK**. The phone will contact the system and activate selected call barring function.

Cancel barring of incoming calls

To deactivate barring of outgoing calls, scroll to **Off** and press **Select** in step 7 above.

Inquiring status

To inquire the service status of call barring function, scroll to **Status** and press **Select** in step 7 above.

Cancel all call barring functions

You can deactivate all call barring functions (including barring of incoming and outgoing calls) here.

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Call barring** and press **Select**.
4. Scroll to **Cancel all** and press **Select**.
5. Enter your network code and press **OK**.

Changing network code

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Call barring** and press **Select**.
4. Scroll to **Change password** and press **Select**.
5. Enter your network code and press **OK**.
6. Enter new network code and press **OK**.
7. Enter new network code again to confirm. Press **OK**.

Showing/hiding your number

Depending on your operator, you may choose to show or hide your number when making a call. If your number is hidden, it will not be shown to the person who receives your call.

To show/hide your number:

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Show number** and press **Select**.
4. Scroll to one of the following:
 - **Preset**: use your operator setting. Your operator decides whether to show your number or not.
 - **On**: show your number.
 - **Off**: hide your number.
5. Press **OK**.

Selecting a phone line to use

Depending on your subscription to the operator, you may use two different phone lines (numbers) to receive and make voice calls. You can select a phone line to use here.

To select a phone line:

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Phone lines** and press **Select**.
4. Scroll to **Line 1** (to use phone line 1) or **Line 2** (to use phone line 2).
5. Press **OK**.

If phone line 2 is selected, the icon  will appear on the screen.

Anykey answer

The anykey answer function allows you to answer a call by pressing any key (except **End** and  key). You can activate/deactivate such function here.

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Anykey answer** and press **On** (to activate it) or **Off** (to deactivate it).

Auto redial

If this function is activated, your phone redials the number automatically when your attempt to make a call fails.

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Auto redial** and press **On** (to activate it) or **Off** (to deactivate it).

Speed dialing

You can activate/deactivate speed dialing function here. You must activate speed dialing before you setup speed dialing numbers.

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Speed dialing** and press **On** (to activate it) or **Off** (to deactivate it).

Receiving a fax or data call

Depending on your subscription to the operator, you may be able to receive fax and data calls. However, if you do not have separate data and voice lines, you need to setup the type of phone call to answer.

To receive a fax or data call:

1. Before receiving the call, connect the phone to a computer using one of the methods below:
 - Place the phone near the computer and align the infrared port of the phone to the one on the computer.
 - Connect the phone to the computer using the data cable (available separately).
2. In standby mode, press the left soft key.
3. Scroll to **Call feature** and press **Select**.

4. Scroll to **Next call** and press **Select**.
 5. Depending on the type of call to receive, scroll to **Fax** or **Data** and press **OK**.
 6. Open the software program on the computer and answer the call.
- The icon  (the next call is set as Fax call) or  (the next call is set as data call) will appear on the screen.
- To receive voice calls after the data or fax call:
1. In standby mode, press the left soft key.
 2. Scroll to **Call feature** and press **Select**.
 3. Scroll to **Next call** and press **Select**.
 4. Scroll to **Voice** and press **OK**.

Talk and Fax

If you have subscribed the fax service to your operator and you have activated this function, you can send or receive fax after making a voice call.

To activate/deactivate the talk and fax function:

1. In standby mode, press the left soft key.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Talk and Fax** and press **On** (to activate it) or **Off** (to deactivate it).

Sound

The options in the Sound menu allows you to setup the sound settings of your phone.

Sound profiles

A sound profile is a combination of sound settings. Your phone provides 6 pre-configured sound profiles and you can select one that fits your circumstances to use. For example, in a meeting, you can select to use the Meeting profile. You can also configure these profiles according to your preferences.

Note about sound profiles

The [Headset](#) profiles won't work unless a handsfree kit or headset is plugged into your phone.

Default profile settings							
	Ringing volume	Ringing tone	Incoming call alert	Vibrating	Message alert tone	Keypad tones	Warning tones
General	Volume 5	Tone 1	Continue ringing	On	Tone 1	Level 3	On
Meeting	Volume 1	Tone 3	Ring once	Off	Tone 2	Level 1	Off
Outdoor	Volume 5	Tone 4	Continue ringing	On	Tone 3	Level 4	On
(Empty)	Volume 5	Tone 4	Continue ringing	On	Tone 3	Level 4	On
Headset	Volume 4	Tone 1	Continue ringing	Off	Tone 4	Level 2	On

Selecting a sound profile

To select a sound profile to use:

1. In standby mode, press the left soft key.
2. Scroll to [Sound](#) and press [Select](#).
3. Press [Select](#).
4. Scroll to desired sound profile and press [OK](#).

5. Press **Select**.

Or:

1. Press the power key in standby mode. The sound profiles will appear on the screen.

2. Scroll to desired profile and press **Select**.

The name of selected sound profile will appear on the screen in standby mode.

Customizing a sound profile

To customize a sound profile:

1. In standby mode, press the left soft key.

2. Scroll to **Sound** and press **Select**.

3. Press **Select**.

4. Scroll to the sound profile you want to customize and press **Select**.

5. Scroll to **Customize** and press **Select**.

6. Use the following options to customize settings. Scroll to each option and press **Select** to customize.

- **Ringing volume:** Scroll to a desired ringing volume and press **OK**. 5 volume levels are available.
- **Ringing tone:** Scroll to a desired ringing tone and press **OK**. There are 30 built-in ringing tones and 5 ringing tones you can compose by yourself (see "Composing your ringing tones" on page 61 for how to compose a ringing tone).
- **Incoming call alert:** Here you can select the ringing mode of incoming calls. Available modes are: **Off** (no ringing tone), **Continue Ringing**, **Ring Once**, **Ascending**, **Group** (the phone rings only when calls from selected caller groups are received). If **Group** is selected, you will be prompted to select a caller group.
- **Vibrating:** Press **On** to activate vibration, or **Off** to deactivate it.
- **Message alert tone:** Select the sound that is played upon receiving a message. There are 4 tones available for selection. If **Off** is selected, the message alert tone will be turned off.
- **Keypad tones:** Scroll to select a desired keypad tone level, or **Off** to deactivate it.
- **Warning tones:** Warning tone is played when phone battery is low, or there is an error in operation. Press **On** to activate warning tone, or **Off** to deactivate it.

Renaming a sound profile

1. In standby mode, press the left soft key.
2. Scroll to **Sound** and press **Select**.
3. Press **Select**.
4. Scroll to the sound profile you want to rename and press **OK**.
5. Enter the new name and press **OK**.

Note

The **Headset** profiles can't be renamed.

Composing your ringing tones

With the Tone editor function, you can create your unique ringing tone or compose a ringing tone according to your favorite songs. You can create up to 5 ringing tones.

1. In standby mode, press the left soft key.
2. Scroll to **Sound** and press **Select**.
3. Scroll to **Tone editor** and press **Select**.
4. The ringing tone editor screen appears. Press an appropriate key to insert symbols. Please see the table below for the mapping of keys and symbols.

Press this key...	To...
	Insert a C sharp note.
	Insert a D sharp note.
	Insert an E sharp note.
	Insert an F sharp note.
	Insert a G sharp note.
	Insert an A sharp note.
	Insert a B sharp note.
	Increase the length of selected note/rest.

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	Move the note one octave up.	
	Decrease the length of selected note/rest.	
	Move the note one octave down.	
	Insert a rest.	
	Up	Move selected symbol up on the staff.
	Down	Move selected symbol down on the staff.
	Left	Select previous symbol.
	Right	Select next symbol.

When selecting a note, inserting a note, moving selected note up/down or changing the length of the note, corresponding tone is played.

Note

You can insert up to 126 symbols in one ringing tone.

For example, to get the melody on the left:



1st symbol	Press  to get an F sharp note.
2nd symbol	Press  to get a G sharp note.
	Press  three times to increase length.
3rd symbol	Press  to get a D sharp note.
	Press  four times to decrease length.
4th symbol	Press  to insert a rest.

5. Press **Options** to select from the following: