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- **Insert sound:** Insert sound effect into the message.
- **Insert melody:** Insert a ring tone melody 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 41 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 **Menu, Select**.
2. 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

3. Scroll to a message and press **Select**. The message will be opened.
4. 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.

Receiving messages

When a new message is received, **New message** and the icon  will appear on the screen.

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

Viewing received messages

The messages you received are stored in the Inbox.

To open Inbox and view received messages:

1. In standby mode, press **Menu, Select**.
2. Press **Select**. A list of received 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
	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

3. Scroll to a message you want to read and press **Select**. The contents of the message will be opened to the screen.
4. You can press **Options** to perform the following operations:
 - **Erase**: Erase current message.
 - **Reply**: Reply to 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.
 - **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 **Menu**, **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**. Enter your nickname and press **OK**.

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

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 41 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 templates

Templates are frequently used phrases stored 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 **Menu, Select.**
2. Scroll to **Template** and press **Select.**
3. Scroll to an empty template and press **Select.**
4. Scroll to **Edit** and press **Select.**
5. Write the contents of the template.
6. When done, press **Options.**
7. Scroll to **Save** and press **Select.**

Erasing customized message template

1. In standby mode, press **Menu, Select.**
2. Scroll to **Template** and press **Select.**
3. Scroll to a customized template and press **Select.**
4. Scroll to **Erase template** and press **Select.**

Sending a message from templates

1. In standby mode, press **Menu, Select.**
2. Scroll to **Template** and press **Select.**
3. Scroll to the template you want to send and press **Select.**
4. Press **Select.**
5. Enter the recipient's number or pick one from Phone Book by pressing **Names.**
6. 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 **Menu, Select.**
2. Scroll to **Erase all** and press **Select.**
3. Press **Erase.**

Message settings

Configuring message setting profiles

The message settings can be configured in different profiles. Usually you use the profile of your operator pre-programmed 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 **Menu**, **Select**.
2. Scroll to **Profile** and press **Select**.
3. Press **Select**.

Configuring a new profile

1. In standby mode, press **Menu**, **Select**.
2. Scroll to **Profile** and press **Select**.
3. Scroll to an empty profile (**Profile 1** or **Profile 2**) and press **OK**.
4. Scroll to **Customize** and press **Select**.
5. Complete the 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 **◀** or **▶** 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 **◀** or **▶** to select a duration.
6. Press **Save**.

Using a self-configured profile

1. In standby mode, press **Menu**, **Select**.
2. Scroll to **Profile** and press **Select**.
3. Scroll to the profile you configured and press **Select**.
4. 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 **Menu, 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 **Menu, Select.**
2. Scroll to **Option** and press **Select.**
3. 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 **Menu, Select.**
2. Scroll to **Option** and press **Select.**
3. Press **Select.**
4. Scroll to **Reply Path.**
5. 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 **Menu, Select.**
2. Scroll to **Option** and press **Select.**
3. 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.

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- **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 **Menu, Select**.
2. Scroll to **Option** and press **Select**.
3. Scroll to **Memory status** and press **Select**.

Message delivery records

With this function, you can view history records of the messages sent from your phone.

1. In standby mode, press **Menu, Select**.
2. Scroll to **Option** and press **Select**.
3. Scroll to **Sending history** and press **Select**.
4. The history records will appear on the screen. You can 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 **Menu, Select**.
2. Scroll to **Cell broadcast** and press **Select**.
3. Press **On** (or **Off**).

Setting up cell broadcast topics

You can edit cell broadcast topics in the topics list.

1. In standby mode, press **Menu, 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 **Menu**, **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 **Menu**.
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 shown 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 of the missed call.
 - **Erase**: Erase this call record. Press **OK** to erase it.

Viewing received call records

1. In standby mode, press **Menu**.
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 shown 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 of the missed call.
 - **Erase**: Erase this call record. Press **OK** to erase it.

Viewing dialed call records

1. In standby mode, press **Menu**.
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 shown 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 of the missed call.
 - **Erase**: Erase this call record. Press **OK** 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 **Menu**.
2. Scroll to **Call meter** and press **Select**.
3. Scroll to **Erase all** and press **Select**.
4. Press **OK** to confirm deletion.

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 **Menu**.
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 **Menu**.
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.

Note

You need PIN2 code to access certain call cost functions.

Viewing call cost

1. In standby mode, press **Menu**.
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 **Menu**.
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.

1. In standby mode, press **Menu**.
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 **Menu**.
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 **Menu**.
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 **Menu**.
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 **Menu**.
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 **Menu**.
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 Incall 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 **Menu**.
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 **Menu**.
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 **Menu**.
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 designated number 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 vioce calls:

1. In standby mode, press **Menu**.
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 designated number 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 **Menu**.
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 18 for details.

1. In standby mode, press **Menu**.
2. Scroll to **Call feature** and press **Select**.

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

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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 **Menu**.
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 **Menu**.
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 **Menu**.
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 the 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 **Menu**.
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 **Menu**.
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 **Menu**.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Anykey answer** and press **On** (to activate it) or **Off** (to deactivate it).

Flip answer

If the phone flip is closed and the Flip answer function is activated, you can answer an incoming call directly by opening the flip.

1. In standby mode, press **Menu**.
2. Scroll to **Call feature** and press **Select**.
3. Scroll to **Flip 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 **Menu**.
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.

1. In standby mode, press **Menu**.
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, your 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 **Menu**.
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 **Menu**.
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

To turn on/off the talk and fax function:

1. In standby mode, press **Menu**.
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

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

Note about sound profiles

The **Handsfree** and **Headset** profiles won't work unless a handsfree kit or headset is plugged into your phone.

Selecting a sound profile

To select a sound profile to use:

1. In standby mode, press **Menu**.
2. Scroll to **Sound** and press **Select**.
3. Press **Select**.
4. Scroll to desired sound profile and press **Select**.
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 **OK**.

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 **Menu**.
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. The following options are available. 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 20 built-in ringing tones and 5 ringing tones you can compose by yourself (see "Composing your ringing tones" on page 59 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** (apply caller group settings when calls from selected caller groups are received). If **Group** is selected, you will be prompted to select caller group(s).
- **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**: Press **On** to activate keypad tone, 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 warning tone, or **Off** to deactivate it.
- **Startup music**: When activated, the phone will play melody when you turn it on. Press **On** to activate startup music, or **Off** to deactivate it.

Renaming a sound profile

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

Note

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

Composing your ringing tones

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

The Main Menu

1. In standby mode, press **Menu**.
2. Scroll to **Sound** and press **Select**.
3. Scroll to **Tone editor** and press **Select**.
4. Scroll to an empty ringing tone and press **Select**.
5. 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.
	Move the note one octave up.
	Decrease the length of selected note/rest.
	Move the note one octave down.
	Insert a rest.

	▲	Move selected symbol up on the staff.
	▼	Move selected symbol down on the staff.
	◀	Select previous symbol.
	▶	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 a 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.

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

Play: Press **Select** to play the ringing tone you just created.

Save: Press **Select** to save the ringing tone you just created.

Musical instrument: Press **Select**. You can specify a musical instrument that is used to play the ring tone. When done, press **OK**.

Tempo: Press **Select** to change the speed of tempo. Scroll to a tempo and press **OK**. The larger the number, the slower the tempo.

Clear Screen: Press **Select** to delete all symbols.

Erase: Press **Select** to erase selected ring tone.

Rename: Press **Select** to change the name of current ringing tone. Enter the new name and press **OK**.

Minute reminder

If this function is activated, your phone will generate a beep tone every minute when you are on a call to remind you of the call time.

1. In standby mode, press **Menu**.
2. Scroll to **Sound** and press **Select**.
3. Scroll to **Minute reminder** and press **On** (to activate it) or **Off** (to deactivate it).

Phone setup

The options in the Phone Setup menu allows you to setup the phone according to your preferences.

Changing menu language

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Press **Select**.
4. Scroll to a preferred language and press **Select**.

Adjusting backlight duration

This option allows you to change the duration of backlight in standby mode. Note that longer backlight consumes more battery power. You can also choose to turn it off.

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Backlight** and press **Select**.
4. Scroll to desired duration and press **OK**. If **Off** is selected, the backlight will be turned off.

Adjusting screen contrast

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Adjust contrast** and press **Select**.
4. Press **◀** or **▶** to select an appropriate contrast level and press **OK**.

Clock

Showing/hiding clock on the screen

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Clock** and press **Select**.
4. Press **On** (to show clock) or **Off** (to hide clock).

Setting up current time and date

Before you can use the clock of your phone, you need to setup current time and date first.

Selecting time zone

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Clock** and press **Select**.
4. Scroll to **Local time zone** and press **Select**.
5. Press **◀** or **▶** to scroll to your time zone and press **Save**.

Setting up current time and date

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Clock** and press **Select**.
4. Scroll to **Set the date** and press **Select**.
5. Enter current date using alphanumeric keys and press **Save**.
6. Scroll to **Set the time** and press **Select**.
7. Enter current time using the alphanumeric keys and press **Save**.

Setting up date format

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Clock** and press **Select**.
4. Scroll to **Date format** and press **Select**.
5. Scroll to a desired format and press **OK**.

World clock

The world clock function allows you to view current time of major cities in the world.

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Clock** and press **Select**.
4. Scroll to **World Clock** and press **Select**.
5. Press **◀** or **▶** to scroll to a desired city, and the current time will appear on the screen. You can also press **Detail** to view detailed time information of selected city.

Auto power off

If this function is activated, your phone can be switched off automatically at the specified time.

Activating Auto power off

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Auto power off** and press **Select**.
4. Scroll to **On** and press **OK**.
5. Enter the power off time using alphanumeric keys. When done, press **▼**.
6. Press **◀** or **▶** to select desired repeat type.
7. Press **Save**.

The icon  will appear on the screen.

Deactivating Auto power off

To deactivate Auto power off function, scroll to **Off** and press **OK** in step 4 above.

Idle screen display

Screen saver

Screen saver appears on phone screen when there is no user operation for a period of time in standby mode. You can select a preferred animation to use and setup the duration of time (timeout period) before the animation is displayed.

Activating screen saver

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Display** and press **Select**.
4. Press **Select**.
5. Scroll to an animation and the animation will appear in a few seconds. Press **OK** to select current animation. Otherwise, press **Back** to select another animation.

Deactivating Screen saver

To deactivate Screen saver, scroll to **Off** and press **OK** in step 5 above.

Setting up timeout period

Timeout period is the duration of time before the activation of screen saver.

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Display** and press **Select**.
4. Press **Select**.
5. Scroll to **Timeout** and press **Select**.
6. Scroll to a desired period and press **OK**.

Standby logo

With this function, you can use a favorite picture (or pictures you draw with My Picture function, see "My Picture" on page 72 for details) as the logo that is displayed on the screen in standby mode.

The name of your operator on the screen will be replaced by the standby logo.

Showing/hiding standby logo

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Display** and press **Select**.
4. Scroll to **Standby logo** and press **Select**.
5. Press **On** (to show logo) or **Off** (to hide logo).

Selecting standby logo

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Display** and press **Select**.
4. Scroll to **Standby logo** and press **Select**.
5. Scroll to **Update logo** and press **Select**.
6. Scroll to a desired category and press **Select**.
7. Scroll to a desired picture and press **Select**.

Key lock

Activating Key lock

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Key lock** and press **Select**.
4. Scroll to **Auto** (the phone activates key lock automatically if there is no key operation in 20 seconds) or **Lock now** (activate Key lock immediately) and press **Select**.

In standby mode, you can also activate key lock by pressing **Menu**,  key. To unlock, press **Unlock**,  key.

Deactivating Key lock

To deactivate Key lock function, scroll to **Off** and press **OK** in step 4 above.

Selecting default input mode

Here you can select a default input mode to use.

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Input mode** and press **Select**.
4. Scroll to the input mode you want to set as default, and press **OK**.

Restoring factory settings

With this function you can reset most of the menu settings to their original factory values at once.

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Restore factory settings** and press **Select**.
4. Enter your phone code and press **OK**.

Phone security settings

The security settings deal with security codes of your phone. With these codes, you can protect your phone from being accidentally used by another person.

About security codes

Network Code: The code for accessing your operator's network. You can get such code from your operator.

Phone code: The code for preventing unauthorized use of your phone. If Phone code is enabled, you have to enter it each time you turn on your phone. The default Phone code of your phone is **12345678**.

SIM lock code: The SIM lock function prevents your phone from being used with unknown SIM cards and vice versa. If the SIM lock is activated, unknown SIM cards can not be used with your phone. The default SIM lock code of your phone is **12345678**.

PIN code: A 4~8 digit code that is supplied by your operator upon subscription.

PIN2 code: The second set of PIN code that is supplied by your operator to control over certain services (such as call cost calculation). This code is supplied by your operator.

PUK code: The code for unblocking your SIM card. You can get such code from your operator.

Activating/deactivating security codes

Activating/deactivating PIN code

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Security** and press **Select**.
4. Press **Select**.
5. Press **On** (to activate it) or **Off** (to deactivate it).
6. Enter your PIN code and press **OK**.

Activating/deactivating phone code

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Security** and press **Select**.
4. Press **Select**.

5. Scroll to **Phone code** and press **On** (to activate it) or **Off** (to deactivate it).
6. Enter your phone code (the default phone code is **12345678**) and press **OK**.

Activating/deactivating SIM lock

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Security** and press **Select**.
4. Press **Select**.
5. Scroll to **SIM lock** and press **On** (to activate it) or **Off** (to deactivate it).
6. Enter your SIM lock code (the default SIM lock code is **12345678**) and press **OK**.

Changing security codes

Note

Before changing these codes, you must activate them first.

Changing PIN code

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Security** and press **Select**.
4. Scroll to **Change code** and press **Select**.
5. Press **Select**.
6. Enter the old PIN code and press **OK**.
7. Enter the new PIN code and press **OK**.
8. Enter the new PIN code again and press **OK**.

Changing PIN2 code

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Security** and press **Select**.
4. Scroll to **Change code** and press **Select**.
5. Scroll to **PIN2** and press **Select**.
6. Enter the old PIN2 code and press **OK**.
7. Enter the new PIN2 code and press **OK**.
8. Enter the new PIN2 code again and press **OK**.

Changing phone code

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Security** and press **Select**.
4. Scroll to **Change code** and press **Select**.
5. Scroll to **Phone code** and press **Select**.
6. Enter the old Phone code and press **OK**.
7. Enter the new Phone code and press **OK**.
8. Enter the new Phone code again and press **OK**.

Changing SIM lock code

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Security** and press **Select**.
4. Scroll to **Change code** and press **Select**.
5. Scroll to **SIM lock** and press **Select**.
6. Enter the old SIM lock code and press **OK**.
7. Enter the new SIM lock code and press **OK**.
8. Enter the new SIM lock code again and press **OK**.

Closed user group

Closed user group is an operator dependent function. If you have subscribed this feature, you can specify the group of people who can call you and receive your call.

To activate closed user group:

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Security** and press **Select**.
4. Scroll to **Closed user group** and press **Select**.
5. Scroll to one of the following and press **OK**.
 - **Preset**: Activate the closed user group function and use preset closed user group.
 - **On**: Activate the closed user group function and specify a closed user group. You will be prompted to enter the number of the closed user group. The number is available from your system operator.
 - **Off**: deactivate the closed user group function.

Network settings

Network selection

Your phone provides 2 network selection modes: Automatic and Manual. Your phone automatically selects the network of your operator in Automatic mode. In Manual mode, your phone scans the networks available and allows you to select a network to use. For example, if you are roaming under other networks, you can manually select the network that has roaming agreement with your home network.

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Network** and press **Select**.
4. Scroll to **Automatic** or **Manual** and press **Select**. If **Manual** is selected, the phone scans the network and a network operator list appears. Scroll to desired operator and press **Select**.

Band selection

Normally, your phone selects an appropriate band of the network automatically. However, you can also select it manually when you are using your phone in different countries.

1. In standby mode, press **Menu**.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Network** and press **Select**.
4. Scroll to **Band** and press **Select**.
5. Scroll to **Auto**, **900/1800 MHz** or **1900MHz** and press **OK**.

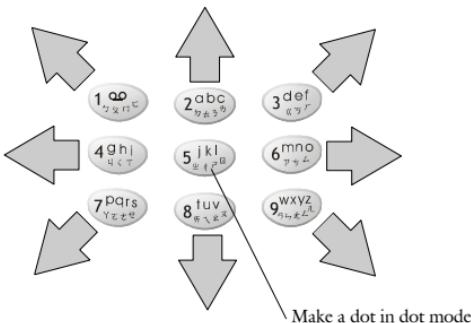
Extras

My Picture

My Picture allows you to draw your own pictures. You can use them as standby logo and insert them into your messages.

Creating My Picture

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Press **Select**.
4. Scroll to an empty picture and press **Select**.
5. Press **Select**.
6. Press **Options**.
7. Scroll to **Picture size** and press **Select**.
8. Press **◀** or **▶** to determine the width of the picture (in pixels), and press **▼**.
9. Press **◀** or **▶** to determine the height of the picture. Press **Save**.
10. Now you can start drawing your picture:
 - Press **0-1** key to switch among line mode (to draw lines), dot mode (to make dots) or eraser mode (to erase lines and dots).
 - Press *** +** key to change the thickness of stroke (when drawing lines) or size of dot (when making dots).
 - Press **# @ #** key to change the step of pen.
 - You can also change drawing modes by pressing **Options**, scrolling to **Pen mode**, **Pen size** and **Pen step** and pressing **OK**.
 - Press **Options**; scroll to **Zoom in** (or **Zoom out**) to zoom in (or out) on the picture.
 - Press **Options**; scroll to **Clear screen** to clear the screen.
 - Press the arrows on the navigation key to draw a line in desired direction (in line mode), or move the cursor to desired position (in dot mode). You can also use the keys on the keypad to control the direction.



11. Press **Options** and **Select** to save the picture.

Editing My Picture

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Press **Select**.
4. Scroll to the picture you want to edit and press **Select**.
5. Press **Select**.
6. Now you can start editing the picture.

Erasing My Picture

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Press **Select**.
4. Scroll to the picture you want to erase and press **Select**.
5. Scroll to **Erase** and press **Select**.

Sending My Picture

With this function, you can send My Picture via message.

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.

3. Press **Select**.
4. Scroll to the picture you want to send and press **Select**.
5. Scroll to **Send** and press **Select**.
6. Press **Options**, **Select**.
7. Enter recipient's number, or press **Names** to pick up a recipient from your Phone Book.
8. Press **Send**.

Alarm clock

Activating alarm clock

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Alarm clock** and press **Select**.
4. Scroll to **On** and press **OK**.
5. Enter alarm time using alphanumeric keys. Press **▼**.
6. Press **◀** or **▶** to select a repeat type.
7. Press **Save**.

Deactivating alarm clock

Scroll to **Off** and press **OK** in step 4 above.

Calendar

With the Calendar function, you can easily write down notes and check appointments on each date to keep you organized.

Writing note

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
 - To write a note for today, press **Select** two times.
 - To write a note for a specific date, scroll to **Go to date** and press **Select**. Enter the date using alphanumeric keys and press **OK**. Press **Select** two times.
4. Specify the following:
 - **Time**: enter the time of the event using alphanumeric keys. Press **▼**.

- **Note type:** Press **◀** or **▶** to select a type for this note. Press **▼**.
- **Content:** enter the content of the event. Press **▼**.
- **Name:** If you want to make a call to someone, enter a name here, or press **Options** and select **From Phone Book** to pick up a name from Phone Book.
- **Phone number:** Same as above. You can enter a phone number here or pick up a phone number in Phone Book by pressing **Options** and select **From Phone Book**.
- **Alarm:** Press **◀** or **▶** to select the time of the alarm to be activated before the event. If **Off** is selected, the alarm will be deactivated.
- **Circulation type:** Press **◀** or **▶** to select the repeat type of this event. If this event occurs only once, select **Off**.

5. Press **Save**.

Viewing note

Viewing today's note

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Press **Select**.
5. Scroll to a note and press **Select**.
6. Press **Select** to view the details of selected note.

Viewing notes on a specific date

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Scroll to **Go to date** and press **Select**.
5. Enter the date using alphanumeric keys and press **OK**.
6. Press **Select**.
7. Scroll to a note and press **Select**.
8. Press **Select** to view the details of selected note.

View all notes

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.

The Main Menu

4. Scroll to **View all notes** and press **Select**.
5. Scroll to a note and press **Select**.
6. Press **Select** to view the details of selected note.

Editing note

1. Scroll to the note you want to edit and press **Select**.
2. Scroll to **Edit** and press **Select**.
3. Edit the note. When done, press **Save**.

Erasing note

Method 1

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Scroll to **Erase notes** and press **Select**.
 - To erase notes one by one, press **Select**.
Scroll to the note you want to erase and press **Delete**.
 - To erase notes on a specific date, scroll to **Of chosen day** and press **Select**.
Enter the date using alphanumeric keys and press **OK**.
Press **Delete**.
 - To erase all notes at once, scroll to **All at once** and press **Select**.
Press **Yes**.
 - To let the phone erase notes automatically, scroll to **Auto erase** and press **Select**.
Scroll to a desired time period and press **OK**.

Method 2

1. Scroll to the note you want to erase and press **Select**.
2. Scroll to **Erase** and press **Select**.

Moving a note to another date

1. Scroll to the note you want to move and press **Select**.
2. Scroll to **Move** and press **Select**.
3. Enter the date using alphanumeric keys.
4. Press **OK**.

Copying a note to another date

1. Scroll to the note you want to copy and press **Select**.
2. Scroll to **Copy** and press **Select**.
3. Enter the date using alphanumeric keys.
4. Press **OK**.

Sending a note

1. Scroll to the note you want to copy and press **Select**.
2. Scroll to **Send note** and press **Select**.
3. You can send the note in two types:
 - Scroll to **Send as SMS** to send the note as a short message. The recipient who uses compatible phone will receive the message as a calendar note. Press **Select**.
Enter the recipient's number, or pick up a recipient from your Phone Book by pressing **Names**.
Press **Send**.
 - Scroll to **Send as text** to send the note as text. You can edit the contents before sending.
Press **Options**, **Select**.
Enter the recipient's number, or pick up a recipient from your Phone Book by pressing **Names**.
Press **Send**.

Viewing calendar in month mode

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Scroll to **Month mode** and press **Select**.
5. Use the navigation key to go to desired day.

The days that have notes are bold. You can highlight them and press **Select** to view notes.

Jumping to a specific day

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Scroll to **Go to date** and press **Select**.

5. Enter the date using alphanumeric keys and press **OK**.

Playing Games

Your phone provides 5 interesting games.

To play a game:

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Game** and press **Select**.
3. Scroll to a game you want to play and press **Select**.
4. Scroll to one of the following:
 - **New Game**: Start a new game.
 - **Level**: Press **▼** or **▲** to select the level of the game and press **OK**.
 - **Top Score**: View top score.
 - **Instruction**: View instructions of the game.

During a game, you can press  key to pause and access the options above.

Ping Pong

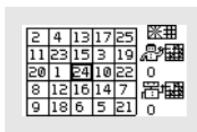


The objective of this game is to move the pad on the bottom of the screen to keep the ball bounding back at the pad on the top of the screen.

Press  key to move the pad to the left, and  key to the right.

The game is over if you fail to catch the ball.

Bingo

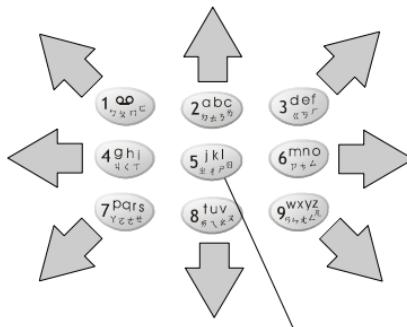


This game is played by two players (you and your phone). Each player assigns 25 non-repeated numbers (1~25) in each cell in a 5-column x 5-row table. Two players cross out a number in turn in order to form a vertical, horizontal or diagonal line on each player's table. The player who gets 5 lines on his table first wins the game.

When the game starts, you will be asked whether to pad the numbers in the table by your self or let the phone pad the numbers automatically. Press **OK** or **No**.

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Press appropriate keys as shown in the illustration below to navigate on the table and cross out a number.



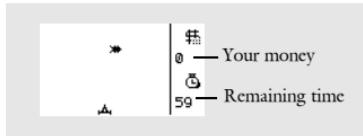
Press this key to cross out a number

Press ▼ or ▲ to view your phone's table.

Insect shooting

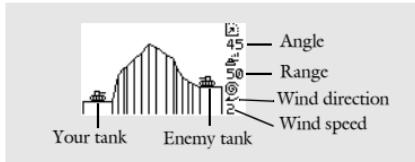
Fire at the insects that fly over your gun to get money and extension of time. The game is over if you can't get any bug in 60 seconds or when time is up.

Press **4ghi** key to move the gun to the left, **6mno** key to the right and **5jkl** key to fire. The second shot can not be fired until the first shot gets the insect or disappears on the screen.



Tank destroyer

Destroy enemy tank using the gun of your tank. You tank is located on the left part of the screen and enemy tank on the right. Consider the wind direction and speed before shooting. Press **4ghi** key and **6mno** key to adjust the range of your gun, **2abc** key and **8tuv** key to adjust angle, and **5jkl** key to fire. The game is over if you get shot by enemy tank.



Thirteen

You are given 13 cards and have to separate them in to 3 decks: deck 1 (containing 3 cards), deck 2 and deck 3 (containing 5 cards each). Press **4ghi** or **6mno** key to select a card and **2abc** or **8tuv** key to assign selected card to deck 1, 2 or 3. Make the combination of cards in each deck as deck 3 > deck 2 > deck 1. When ready, press **5jkl** key to compare your decks with that of all other 3 players. Press **4ghi** or **6mno** key to view different decks of cards, and **2abc** or **8tuv** key to view the result. Press **5jkl** key to view the score of all players.

The player that gets the highest score wins the play. Press any key to start the next play. A game consists of 25 plays.

Calculator

You can use this function to perform simple calculations and convert currencies.

Using calculator

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calculator** and press **Select**.
4. Enter numbers using alphanumeric keys.
5. Press  key to perform operations.

Time pressed	Operation
1	+
2	-
3	*
4	/

You can also press **Options** and select **Add**, **Subtract**, **Multiply** or **Divide** to perform corresponding operations.

Press **Options**, **Select** to get the result of calculation.

Converting currencies

Setting up exchange rate

Exchange rate must be setup before using the currency exchange function.

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calculator** and press **Select**.
4. Scroll to **Exchange rate** and press **Select**.
5. Press **Select**.
6. Enter the exchange rate of foreign unit expressed in domestic unit using alphanumeric keys and press **OK**.
7. Scroll to **Domestic unit expressed in foreign unit** and press **OK**.
8. Enter the exchange rate of domestic unit expressed in foreign unit using alphanumeric keys and press **OK**.

Performing currency exchange

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.

3. Scroll to **Calculator** and press **Select**.
4. Enter the amount of currency and press **Options**.
4. Scroll to **In foreign** or **In domestic** and press **Select**.

Stopwatch

Split timing

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Stopwatch** and press **Select**.
4. Press **Select**.
5. Press **Start** to start timing.
6. Press **Split** to get a split timing. You can get up to 10 split timings.
7. Press **Stop** to stop timing.
8. Press **Options** and you can do the following:
 - Press **Select** to start the timer again.
 - Save the timing record. Scroll to **Save**. Enter the name of the record and press **OK**.
 - Scroll to **Reset** and press **Select** to reset timer.

Lap timing

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Stopwatch** and press **Select**.
4. Scroll to **Lap timing** and press **Select**.
5. Press **Start** to start timing.
6. Press **Lap** to get a lap timing. You can get up to 10 lap timings.
7. Press **Stop** to stop timing.
8. Press **Options** and you can do the following:
 - Press **Select** to start the timer again.
 - Save the timing record. Scroll to **Save**. Enter the name of the record and press **OK**.
 - Scroll to **Reset** and press **Select** to reset timer.

Viewing timing records

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Stopwatch** and press **Select**.

4. Scroll to **View times** and press **Select**.
5. Scroll to the timing record you want to view and press **Select**.

Erasing timing records

1. In standby mode, press **Menu**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Stopwatch** and press **Select**.
4. Scroll to **Erase times** and press **Select**.
5. You can erase timing records one by one or all at once:
 - To erase timing records one by one, press **Select**.
Scroll to the timing record to erase and press **Select**.
Press **Yes**.
 - To erase all timing records at once, scroll to **All at once** and press **Select**.
Press **OK**.

Operator services

If you have subscribed STK (SIM Tool Kit) or other operator services to your operator, there will be an additional item here. The contents of service and how to use them depends on your subscription. Please consult your operator for details.

WAP Service

The WAP Service allows you to access mobile Internet information via your operator using the WAP (Wireless Application Protocol) technology. For example, you can browse weather reports, parking information and on-line banking services.

The WAP settings must be configured before you can use the WAP service. See "Configuring WAP profiles" on page 86 for details.

Browsing the Internet

Going to your homepage

1. In standby mode, press **Menu**.
2. Scroll to **WAP service** and press **Select**.
3. Press **Select**.
4. Your phone will start connecting to the mobile Internet. If connection is successful, the homepage will appear on the screen.

Going to your bookmarked pages

1. In standby mode, press **Menu**.
2. Scroll to **WAP service** and press **Select**.
3. Scroll to Bookmark and press **Select**.
4. Scroll to a desired bookmark and press **Select**.
5. Press **Select**.
6. Your phone will start connecting to the mobile Internet. If connection is successful, the page will appear on the screen.

Navigating the Internet using the options menu

When browsing the mobile Internet, you can press **Options** to access the following options:

- **Home**: Scroll to this option and press **Select** to return to the homepage.
- **Bookmark**: Scroll to this option and press **Select** to open the bookmark list. To go to bookmarked pages, scroll to a bookmark and press **Select** two times.
To edit a bookmark, scroll to a bookmark and press **Select**, then scroll to **Edit** and press **Select**. Enter the name and address of the book mark and then press **OK**.

To erase a bookmark, scroll to a bookmark and press **Select**, then scroll to **Erase** and press **Select** two times.

- **Open link** (appears when you selected a link in the browser): Scroll to this option and press **Select** to open selected link.
- **Add bookmark**: Scroll to this option and press **Select** to bookmark current page.
- **Go to Address**: Go to another page by entering the address. Scroll to this option and press **Select**. Enter the address and press **OK**.
- **Appearance Settings**: This option allows you to configure the appearance of information when browsing the mobile Internet. Scroll to this option and press **Select**. You will be presented with the following sub-options:
 - Text wrapping**: Scroll to this sub-option and press **On** (or **Off**) to turn on or off the text wrapping function.
 - Show image**: Scroll to this sub-option and press **On** (or **Off**) to show or not to show the image.
 - Show title**: Scroll to this sub-option and press **On** (or **Off**) to show or not to show the title of page.
- **Download Settings**: You can decide whether to accept the cookies or not when browsing. Scroll to this option and press **Select** two times. Scroll to **Allow** (to accept cookies) or **Reject** (to reject all cookies) and press **OK**.
- **Reload**: Scroll to this option and press **Select** to reload current page.
- **Clear the Cache**: Scroll to this option and press **Select** to delete all cache files in phone memory.
- **Exit**: Scroll to this option and press **Select** to disconnect from the Internet and exit browser.

Configuring WAP profiles

You can configure up to 5 sets of WAP settings. Each set of WAP settings is called a WAP profile. The WAP profile may have already been programmed on your SIM card after you subscribe the WAP service to your system so you can access mobile Internet immediately. Otherwise, you need to configure the settings manually. Please contact your system operator for details.

Information you need in case you have to set up a WAP profile manually

Before setting up a WAP profile, please be sure to obtain the following parameters from your operator:

Homepage: _____

Session mode: Temporary Permanent

Connection security: On Off

Data bearer: GSM Data GPRS

IP address: _____ . _____ . _____ . _____

Authentication type: Normal Secure

Username: _____

Password: _____

Setting up a WAP profile

1. In standby mode, press **Menu**.
2. Scroll to **WAP service** and press **Select**.
3. Scroll to **Profiles** and press **Select**.
4. Scroll to a profile and press **Select**.
5. Scroll to **Edit** and press **Select**.
6. According to the parameters supplied by your operator, configure the following:

Homepage: Enter the address of the homepage.

Session mode: **Temporary** or **Permanent**.

Connection Security: **On** or **Off**.

Data bearer: **GSM Data** or **GPRS**.

IP address: Enter the IP address.

Authentication type: **Normal** or **Secure**.

Username: Enter the username.

Password: Enter the password.

The setup is complete. Now you are ready to access the mobile Internet.

Selecting and activating a WAP profile

If you have multiple WAP profiles for different operators, you can use this function to select one to use.

1. In standby mode, press **Menu**.
2. Scroll to **WAP service** and press **Select**.
3. Scroll to **Profiles** and press **Select**.
4. Scroll to a desired profile and press **Select**.

Editing a WAP profile

1. In standby mode, press **Menu**.
2. Scroll to **WAP service** and press **Select**.
3. Scroll to **Profiles** and press **Select**.
4. Scroll to the profile you want to edit and press **Select**.
5. Scroll to **Edit** and press **Select**.
6. Edit the contents of the profile.

Renaming a WAP profile

1. In standby mode, press **Menu**.
2. Scroll to **WAP service** and press **Select**.
3. Scroll to **Profiles** and press **Select**.
4. Scroll to the profile you want to rename and press **Select**.
5. Scroll to **Rename** and press **Select**.
6. Enter the new profile name and press **OK**.

My shortcut

You can put 9 most frequently used functions in My Shortcut so you can access them quickly and easily.

Using My shortcut

9 frequently used functions are already pre-programmed in My shortcut and you can use them directly.

To use the pre-programmed shortcut items:

1. In standby mode, press **Menu**.
2. Scroll to **My shortcut** and press **Select**.
3. Scroll to the item you want and press **Select**.

Customizing My shortcut

To customize My Shortcut:

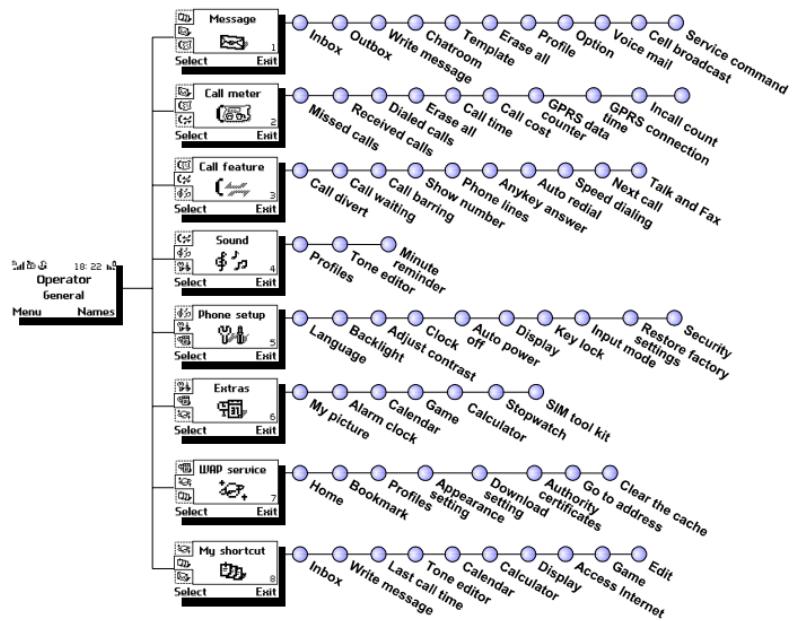
1. In standby mode, press **Menu**.
2. Scroll to **My shortcut** and press **Select**.
3. Scroll to **Edit** and press **Select**.
4. Scroll to a desired item and press **Select**.
5. Specify the position of the item in My shortcut and press **Select**.

Appendix



Appendix

Menu



Quick Reference

Menu	To go to this item	Press these keys
 1	Inbox	Menu Select Select
	Outbox	Menu Select  Select
	Write message	Menu Select  Select
	Chatroom	Menu Select  Select
	Template	Menu Select  Select
	Erase all	Menu Select  Select
	Profile	Menu Select  Select
	Option	Menu Select  Select
	Voice mail	Menu Select  Select
 2	Missed calls	Menu  Select Select
	Received calls	Menu  Select  Select
	Dialed calls	Menu  Select  Select
	Erase all	Menu  Select  Select
	Call time	Menu  Select  Select
	Call cost	Menu  Select  Select
	GPRS data counter	Menu  Select  Select
	GPRS connection time	Menu  Select  Select
	Incall count	Menu  Select  Select

Appendix

 Call feature 3	Call divert	Menu  Select Select
	Call waiting	Menu  Select  Select
	Call barring	Menu  Select  Select
	Show number	Menu  Select  Select
	Phone lines	Menu  Select  Select
	Anykey answer	Menu  Select  Select
	Auto redial	Menu  Select  Select
	Speed dialing	Menu  Select  Select
	Next call	Menu  Select  Select
 Sound 4	Profiles	Menu  Select Select
	Tone editor	Menu  Select  Select
	Minute reminder	Menu  Select  Select
 Phone setup 5	Language	Menu  Select Select
	Backlight	Menu  Select  Select
	Adjust contrast	Menu  Select  Select
	Clock	Menu  Select  Select
	Auto power off	Menu  Select  Select
	Display	Menu  Select  Select
	Key lock	Menu  Select  Select
	Input mode	Menu  Select  Select
	Restore factory settings	Menu  Select  Select

Appendix

 Extras	 WAP service	 My shortcut	6	My picture	Menu  Select Select
				Alarm clock	Menu  Select  Select
				Calendar	Menu  Select  Select
				Game	Menu  Select  Select
				Calculator	Menu  Select  Select
				Stopwatch	Menu  Select  Select
				SIM tool kit	Menu  Select  Select
			7	Home	Menu  Select Select
				Bookmark	Menu  Select  Select
				Profiles	Menu  Select  Select
				Appearance setting	Menu  Select  Select
				Download setting	Menu  Select  Select
				Authority certificates	Menu  Select  Select
				Go to address	Menu  Select  Select
				Clear the cache	Menu  Select  Select
			8	Inbox	Menu  Select Select
				Write message	Menu  Select  Select
				Last call time	Menu  Select  Select
				Tone editor	Menu  Select  Select
				Calendar	Menu  Select  Select
				Calculator	Menu  Select  Select
				Display	Menu  Select  Select
				Access Internet	Menu  Select  Select
				Game	Menu  Select  Select