

be deleted by the server automatically if you don't fetch them in a valid time.

1. In standby mode, press the left soft key, **Select**.
2. Scroll to **Settings** and press **Select**.
3. Scroll to **Multimedia msgs.** and press **Select**.
4. Scroll to **Sending options** and press **Select**.
5. Scroll to **Validity period** and press **Select**.
6. Scroll to a desired period and press **OK**.

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**.

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**.

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

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.
 - **Call**: Make a call to the caller immediately.
 - **Save**: Save this record to Phone Book.

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. Enter your PIN2 code and press **OK**.
6. 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.

- 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.

- In standby mode, press the left soft key.
- Scroll to **Call meter** and press **Select**.
- Scroll to **GPRS data counter** and press **Select**.
- 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

- In standby mode, press the left soft key.
- Scroll to **Call meter** and press **Select**.
- Scroll to **GPRS data counter** and press **Select**.
- 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.

- In standby mode, press the left soft key.
- Scroll to **Call meter** and press **Select**.
- Scroll to **GPRS connection time** and press **Select**.
- 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 **OK**.

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 and press **Select**:
 - **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 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 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 21 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 and press **Select**:
 - **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. 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 6 above.

Inquiring status

To inquire the service status of call barring function, scroll to **Status** and press **Select** in step 6 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 and press **Select**:
 - **When roaming**: bar all incoming calls when roaming.
 - **All calls**: bar all incoming calls.
6. Press **Select**.
7. 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 6 above.

Inquiring status

To inquire the service status of call barring function, scroll to **Status** and press **Select** in step 6 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

You can change the network code with this function.

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 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 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).

Minute reminder

If this function is activated, your phone will beep every 50 seconds when you are on a call to remind you of the call time.

To activate/deactivate the minute reminder function:

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

Connection indication

If this function is activated, you can be notified by the screen prompt of the phone when your outgoing call is connected.

To activate/deactivate connection indicator:

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

4. Scroll to one of the following:
 - **Off**
 - **Vibrating alert**
 - **Tone**
5. 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	Key tone volume	Key tone type	Warning tones	Startup music
General	Volume 5	Tone 1	Continue ringing	On	Tone 1	Level 3	Key tone 1	On	On
Meeting	Volume 1	Tone 1	Ring once	Off	Tone 1	Level 1	Off	Off	Off
Outdoor	Volume 5	Tone 1	Continue ringing	On	Tone 1	Level 4	Key tone 1	On	On
Pager	Volume 5	Tone 1	Continue ringing	On	Tone 1	Level 4	Key tone 1	On	On
Headset	Volume 4	Tone 1	Continue ringing	Off	Tone 1	Level 2	Key tone 1	On	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 **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 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 40 built-in ringing tones and 5 ringing tones you can compose by yourself (see "Composing your ringing tones" on page 76 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.
 - **Key tone volume**: Scroll to a desired keypad tone level and press **OK**. 4 volume levels are available.
 - **Key tone type**: Scroll to select a desired keypad tone type and press **OK**, 4 key tones are available. Press **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.

- **Startup music:** Press **On**, your phone will play music when the phone power is turned on/off. Press **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 **Select**.
5. Scroll to **Rename** and press **Select**.
6. 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.

Sound



Note

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

For example, to get the melody on the left:

49hi

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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:
- Open:** Press **Select** to view exist ringing tones.
 - Play:** Press **Select** to play the ringing tone you just created.
 - Save:** Press **Select** to save the ringing tone you just created.
 - Instruments:** Press **Select** to choose an instrument that is used to play the ring tone.
 - 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 this ring tone.

Quick silence

If you want your phone not to emit any sound under all circumstances, you can activate the quick silence function. The phone will not issue any sound no matter what sound profile is used.

1. In standby mode, press the left soft key.
2. Scroll to **Sound** and press **Select**.
3. Scroll to **Silence** 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 the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Press **Select**.
4. Scroll to preferred language and press **OK**.

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 the left soft key.
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 the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Adjust contrast** and press **Select**.
4. Press Left or Right to select an appropriate contrast level and press **OK**.

Clock

Showing/hiding clock on the screen

1. In standby mode, press the left soft key.
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 the left soft key.
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 **Left** or **Right** to scroll to the time zone where you are located and press **Save**.

Setting up current date

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

Setting up current time

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

Setting up date format

Here you can select a preferred date format.

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

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 **Left** or **Right** 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 the left soft key.
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 **Down**.
6. Press **Left** or **Right** to select desired repeat type.
7. Press **Save**.

Deactivating Auto power off

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

Display settings

Changing color scheme

Your phone provides several color schemes and you can change it whenever you like.

1. In standby mode, press the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Display** and press **Select**.
4. Press **Select**.
5. Scroll to a desired color scheme and press **OK**.

Changing wallpaper

Wallpaper is the background image that is displayed under standby mode. You can change it whenever you like.

1. In standby mode, press the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Display** and press **Select**.
4. Scroll to **Wall paper** and press **Select**.
5. Scroll to a desired wallpaper and press **OK**. If **Off** is selected, the wallpaper image will not be displayed.

Activating screen saver

If the function is activated, screen saver will appear on phone screen when there is no user operation for a period of time in standby mode. If you press any key or there is an incoming call, the screen display will go back to the normal status.

1. In standby mode, press the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Display** and press **Select**.
4. Scroll to **Screen saver** and press **Select**.
5. Scroll to one of the followings and press **OK** to activate it:
 - **Digital clock**: A digital clock will appear on the screen when the phone is idle for a period of time in standby mode.
 - **Power saving**: No picture will appear on the screen when the phone is idle for a period of time in standby mode.
6. Scroll to **Off** and press **OK** to deactivate screen saver.

Showing/hiding standby information

With this function, you can decide the name of your operator and the current sound profile is displayed on the screen or not in standby mode.

1. In standby mode, press the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Display** and press **Select**.
4. Scroll to **Standby info** and press **On** (to show operator's name and sound profile) or **Off** (to hide operator's name and sound profile).

Showing/hiding standby logo

With this function, the name of your operator on the screen will be replaced by the standby logo. To show the standby logo, the standby info. should be activated first.

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).

Key lock

Activating Key lock

1. In standby mode, press the left soft key.
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 activate key lock by pressing the left soft key and then  key. To temporarily unlock, press **Unlock**,  key.

Deactivating Key lock

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

Note

You can still make emergency calls when keypad is locked.

Selecting default input mode

Here you can select a default input mode to use.

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

Changing right softkey function

With this option, you can change the function of the right soft key as a short-cut to a desired feature under standby mode.

1. In standby mode, press the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Right key** and press **Select**.
4. Scroll to a function item 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 the left soft key.
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.

PUK 2 code: The code for unblocking your PIN2 code. You can get such code from your operator.

Activating/deactivating security codes

Activating/deactivating PIN code

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

GPRS attach

You can set up your phone to register to a GPRS network automatically when the power is turned on or to be activated only when an application using GPRS needs it and closed when you end the application.

1. In standby mode, press the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Network** and press **Select**.
4. Scroll to **GPRS attach** and press **Select**.
5. Scroll to **Power on** (Your phone will register to a GPRS network automatically when the power is turned on) or **Application** (GPRS connection is activated when an application using GPRS needs it and closed when you end the application) and press **OK**.

Service light

You can change the color of service light with this function.

1. In standby mode, press the left soft key.
2. Scroll to **Phone setup** and press **Select**.
3. Scroll to **Service light** and press **Select**.
4. Scroll to a favorite color and press **OK**.

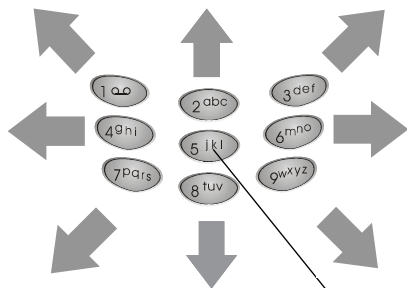
Extras

My Picture

My Picture allows you to draw your own pictures. The pictures can be stored in the multimedia center and be inserted into your messages.

Creating My Picture

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Press **Select**.
4. Press **Options**.
5. Scroll to **Picture size** and press **Select**.
6. Press **Left** or **Right** to determine the width of the picture (in pixels), and press **Down**.
7. Press **Left** or **Right** to determine the height of the picture. Press **Save**.
8. Now you can start drawing your picture:
 - Press  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 line (when drawing lines) or size of dot (when making dots).
 - Press  key to change the color of pen.
 - You can also change the above drawing modes by pressing **Options**, scrolling to **Pen mode**, **Pen color**, **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) and press  key. You can also use the keys on the keypad to control the direction.



Make a dot in dot mode

9. Press **Options**, scroll to **Save** and press **Select** to save the picture.

Editing My Picture

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

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

Alarm clock

Activating alarm clock

1. In standby mode, press the left soft key.
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 **Down**.
6. Press **Left** or **Right** to select a repeat type. Press **Down**.
7. Press **Mark** or **Unmark** to turn on/off vibration. Press **Down**.
8. Press **Left** or **Right** to select an alarm tone.
9. Press **Save**.

When alarm is activated, the icon  will appear on the screen.

When alarm rings, long press volume adjustment key or press **Stop** to stop the alarm. Press volume adjustment key or **Snooze** to activate the Snooze function. If the Snooze function is activated, The alarm will ring again in 5 minutes. Press **Stop** to deactivate the Snooze function. Your phone will activate the Snooze function automatically after the alarm rings for one minute, and the alarm will ring again in 5 minutes.

The alarm still rings when the alarm time is reached even if your phone is turned off. You will be prompted to turn on the phone right away. Press **Yes** or **No** to power on/off your phone.

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 the left soft key.
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 **Down**.
 - **Note type**: Press **Left** or **Right** to select a type for this note. Press **Down**.
 - **Content**: Enter the description of the event. Press **Down**.
 - **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**.
 - **Circulation type**: Press **Left** or **Right** to select the repeat type of this event. If this event occurs only once, select **None**.
 - **Alarm**: Press **Left** or **Right** to select the time of the alarm to be activated before the event. If **Off** is selected, the alarm will be deactivated.
 - **Vibrator**: Press **Mark** or **Unmark** to turn on/off the vibration when alarm is activated.
 - **Alarm tone**: Press **Left** or **Right** to select an alarm tone.
5. Press **Save**.

Viewing note

Viewing today's note

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

Viewing notes on a specific date

1. In standby mode, press the left soft key.
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** to view the details of selected note.

View all notes

1. In standby mode, press **the left soft key**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Scroll to **View all notes** and press **Select**.
5. Press **Up** or **Down** to scroll to a note and press **Select** to view the details of selected note.

Viewing calendar in month mode

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

Editing note

1. Scroll to the note you want to edit and press **Select**.
2. Press **Options**.
3. Scroll to **Edit** and press **Select**.

4. Edit the note. When done, press **Save**.

Erasing note

Method 1

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

Moving a note to another date

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

Copying a note to another date

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

5. Press **OK**.

Sending a note

You can send your calendar note to other person as a message.

1. Scroll to the note you want to send and press **Select**.
2. Press **Options**.
3. Scroll to **Send note** and press **Select**.
4. 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**.

Sending a message

If the calendar note contains a name in your Phone Book, you can use this function to send a message to that name directly.

1. Scroll to the note you want to send and press **Select**.
2. Press **Options**.
3. Scroll to **Send message** and press **Select**.

Account book

The Account book of your phone helps you to track your income and expenses records easily. You can also get a balance result of all your accounting records or records in a specific month.

Creating an accounting record

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.

4. Scroll to **Account book** and press **Select**.
5. Press **Select**.
6. Complete the following:
 - **Date:** Enter the date of the accounting record using alphanumeric keys. When done, press **Down**.
 - **Amount:** Enter the amount of the accounting record using alphanumeric keys. When done, press **Down**.
 - **Item:** Enter the description of the accounting record. When done, press **Down**.
 - **In/Out:** Press **Left** or **Right** to select the type of the accounting record.
7. Press **Save**.

Viewing accounting records

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Scroll to **Account book** and press **Select**.
5. Scroll to **Accounts list** and press **Select**.
6. You can choose to view accounting records of a specific month or view all records.
 - To view accounting records of a specific month, press **Select**. Enter the year and month using alphanumeric keys and press **OK**. Scroll to a record and press **Select**.
 - To view all accounting records, scroll to **All accounts** and press **Select**. All accounting records will appear on the screen. Scroll to a record and press **Select**.

Viewing results of accounting records

1. In standby mode, press **the left soft key**.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Scroll to **Account book** and press **Select**.
5. Scroll to **Total count** and press **Select**.
6. You can choose to view result of accounting records of a specific month or view result of all records.
 - To view result of accounting records of a specific month, press **Select**. Enter the year and month using alphanumeric keys and press **OK**. Scroll to **In** (sum of all income amount), **Out** (sum of all expense amount) or **Balance** (balance of income and expense) and press **Select**.

The Main Menu

Corresponding information will appear on the screen.

- To view result of all accounting records, scroll to **All accounts** and press **Select**.

Scroll to **In** (sum of all income amount), **Out** (sum of all expense amount) or **Balance** (balance of income and expense) and press **Select**.

Corresponding information will appear on the screen.

Editing accounting record

1. Scroll to the accounting record you want to edit and press **Select**.
2. Press **Options**, scroll to **Edit** and press **Select**.
3. Edit the accounting record. When done, press **Save**.

Erasing accounting record

Method 1

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calendar** and press **Select**.
4. Scroll to **Account book** and press **Select**.
5. Scroll to **Erase accounts** and press **Select**.
 - To erase accounting records one by one, press **Select**.
Scroll to the record you want to erase and press **Erase**.
 - To erase records of a specific month, scroll to **Of chosen month** and press **Select**.
Enter the year and month using alphanumeric keys and press **OK**.
 - To erase all records at once, scroll to **All at once** and press **Select**.
Press **Yes**.
 - To let the phone erase accounting records 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. Press **Options**, scroll to **Erase** and press **Select**.

Playing Games

Your phone provides 5 interesting games.

To play a game:

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Game** and press **Select**.
4. Scroll to a game you want to play and press **Select**.
 - **New game:** Start a new game.
 - **Level:** Press **Up** or **Down** to select the level of the game and press **OK**.
 - **Top score:** View top score.
 - **Instruction:** View instructions of the game.

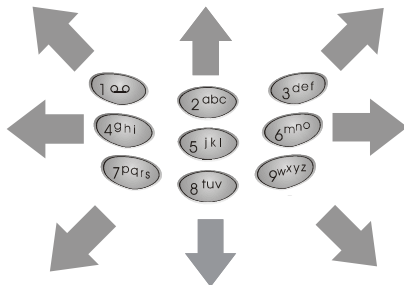
During a game, you can press  key to pause and access the options above.

Five ball

A board with 9x9 squares and several balls in different colors will appear on the screen. The objective of this game is to put 5 or more than 5 balls with the same color in adjacent straight vertical, diagonal or horizontal lines. Once done, the balls will disappear and you will get 2 points for each ball. If you move a ball without being able to make other balls disappear, 3 more new balls will appear on the pad.

Press  key to select a ball and then the navigation key or alphanumeric keys to move the cursor on the pad.

Please see the illustration below for the mapping of key and direction.



The Main Menu

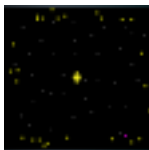
Press  key again to put the ball on a selected square. If there is no more place for the new generated balls, the game is over.



Flying

Move the aircraft away from the attack of enemy fire (the yellow moving dots). The longer you survive, the higher your score. The game is over when you get hit by enemy fire.

Press  key to start the game. Press the navigation key or the alphanumeric keys to move the cursor on the pad.



Popo car

Drive your car and get as more flags as you can. While you are driving, you will be chased by enemy cars. Try to get away from them. When necessary, you can emit a popo to confuse them temporarily. The yellow bar on the right of the screen indicates your fuel level. If the fuel is low, you need to get a fuel-box to refuel. The game is over when you run out of your fuel or when the enemy car gets you.

The Main Menu

Press  key to start the game. Drive your car using the navigation key or the alphanumeric keys.

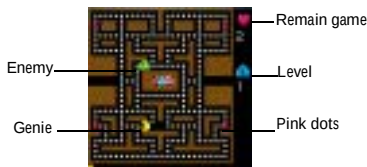
Press  key to emit a popo to confuse enemy cars. The more flags you get, the higher your score.



Genie

Guide the genie to eat the white dots on the path and keep it away from the enemies. If the genie eats the pink dots located at the corners, the enemies will become weak temporarily and you can guide the genie to eat them. The more dots and enemies the genie eats, the higher your score.

Press  key to start the game. Guide the genie using the navigation key or the alphanumeric keys. The game is over once the enemy gets the genie.



Calculator

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

Using calculator

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

Navigation key	Operation
Up	+
Down	-
Left	*
Right	/

Press  key 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 the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Calculator** and press **Select**.
4. Press **Options**.
5. Scroll to **Exchange rate** and press **Select**.
6. 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 **Select**.
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 the left soft key.
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 the left soft key.
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.
 - Scroll to **Save** and press **Select** to save the timing record. 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 the left soft key.
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.
 - Scroll to **Save** and press **Select** to save the timing record. 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 the left soft key.
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 the left soft key.
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 **Yes**.

Voice recorder

You can make a voice recording with this function. The limitation for each recording is 30 seconds.

Recording voice

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Voice recorder** and press **Select**.
4. Press **Select** to start to record your voice.
5. End the recording by pressing **Stop**. Enter the name and press **OK** to save the record.

Playing recordings

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Voice recorder** and press **Select**.
4. Scroll to **Recordings list** and press **Select**.
5. Scroll to a desired recording and press **Select**.
6. Press **Select** to play the recording.

Renaming recordings

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Voice recorder** and press **Select**.
4. Scroll to **Recordings list** and press **Select**.
5. Scroll to a desired recording and press **Select**.
6. Scroll to **Edit title** and press **Select**.
7. Enter the name and press **OK**.

Erasing recordings

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Voice recorder** and press **Select**.
4. Scroll to **Recordings list** and press **Select**.
5. Scroll to a desired recording and press **Select**.
6. Scroll to **Erase** and press **Select**.
7. Press **OK** to delete the recording.

Activating speaker

With this function, you can select to have the recording to be played from the receiver or the speaker.

1. In standby mode, press the left soft key.
2. Scroll to **Extras** and press **Select**.
3. Scroll to **Voice recorder** and press **Select**.
4. Scroll to Speaker settings, press **On(Off)** to activate(disactivate) the speaker function.

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.

If you are using the GPRS network to access WAP services, the icon  will appear on the screen.

The WAP settings must be configured before you can use the WAP service. See "Configuring WAP profiles" on page 108 for details.

Browsing the Internet

Going to your homepage

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

- **Relevant operation:** Here apperas different options which depend on the element you select in the WAP page. Press **Select** to activate the selected function. You can activate a selected function directly in the WAP page by pressing  key.
- **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.
- **Service inbox:** Your operator may send you some service messages that contains WAP links and other information. If such message is received by your phone under standby mode, you can open and read it immediately. Otherwise it will be store in the service inbox. Here you can check the service messages.
- **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 (Dial-up number, Data call type, Data call speed)
☐ GPRS (GPRS access point)

IP address: _____ . _____ . _____ . _____

Authentication type: ☐ Normal ☐ Secure

Username: _____

Password: _____

Setting up a WAP profile

1. In standby mode, press the left soft key.
2. Scroll to **WAP service** and press **Select**.
3. Scroll to **Profiles** and press **Select**.
4. Scroll to an empty 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**. If **GSM** is selected, you need to setup the **Dial-up number**, **Data call type** and **Data call speed**. If

GPRS is selected, you need to setup **GPRS connection type** and **access point**.

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 the left soft key.
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 the left soft key.
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 the left soft key.
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**.

Media center

You can sort out and save the received multimedia objects in the Media center. You can also select desired multimedia objects from the Media center and insert them into the multimedia message that you are writing or editing.

Viewing the contents of the Media center

1. In standby mode, press the left soft key.
2. Scroll to **Media center** and press **Select**.
3. Scroll to a multimedia folder you want to open and press **Select**.
4. Scroll to a multimedia object you want to view and press **Select**.
5. If you select an image, it will appear on the screen. If you select a melody or voice, it will be displayed by your phone.
6. Press **Options** to access the following:
 - **Detail**: View detail information of the file.
 - **Rename**: Change the file name.
 - **Delete**: Delete the file.
 - **Memory info**: Display the memory status of the Media center.

Note

Multimedia messages, Voice recorder and Multimedia center share memory of total 504KB. It will be allocated automatically by your phone. Therefore, the number of the multimedia objects that can be stored in the multimedia center will depend on the memory size of the objects and the remaining space of the multimedia center.

Inserting multimedia objects in multimedia msgs.

1. In standby mode, press the left soft key.
2. Press **Select**.
3. Scroll to **Multimedia msgs.** and press **Select**.
4. Press **Select** and start to write/edit messages.
5. Press **Options**, scroll to **Insert object** and press **Select** two times.
6. Scroll to a desired multimedia folder and press **Select**.
7. Scroll to a desired multimedia object and press **Select**.
8. Press **Options, Select**.

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 My shortcut:

1. Long press  key under standby mode and the shortcut menu will appear.
2. Scroll to an item and press **Select**.

Customizing My shortcut

To customize My Shortcut:

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

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.

Troubleshooting & FAQ



If problems occur when you use your phone, please refer to the table below to find out possible solutions. If your problem is not in the table, or the problem still persists after you try these solutions, please seek your original dealer for help.

When you encounter these problems...	Please check...
Can not turn on the phone	• Is the battery empty? • Is the battery properly installed? • Are the contacts on battery and phone clean? If the contacts appear to be soiled, contact your dealer to clean them.
Unable to make calls .	• Is the reception of network signal in good condition? Move to an open space, or a place closer to window. • Is network selection setting setup properly? If necessary, try to select your network manually. • Have you already activated the fixed dialing and call barring functions? If yes, deactivate them temporarily. • Has the call cost exceeded your cost credit? Check your remaining cost credit and reset the call cost if necessary. • Are you using your phone with other SIM cards when SIM lock protection function has been activated? Deactivate the function if necessary.
Unable to receive calls.	• Is the reception of network signal in good condition? Move to an open space, or a place closer to window. • Have you already activated call divert or call barring functions? Deactivate them if necessary.
Your voice can not be heard.	Have you already turned on the in-call mute function? Turn it off if necessary.
Can not use certain call functions.	To use certain advanced call functions (such as call divert and call barring), you may need to subscribe these services to your operator first.
There are noises during a phone call.	Avoid using the phone near a microwave oven, speaker or TV. Their interference has adverse effect to call quality.
Can not connect to the Internet	• Have you subscribed the Internet (WAP) service to your operator? • Did you enter correct setting parameters (such as APN and IP addresses) in WAP profile setup?

The screen shows "Insert SIM".	• Is your SIM card correctly inserted into the phone? • Are the metal contacts on SIM card clean? If they appear to be soiled, please contact your dealer to clean them.
The battery can not be charged.	• Is the battery charger correctly plugged into the battery charger socket on the phone? • Is the power cord of the charger damaged? • Is the battery very old? Replace with a new battery and try again.
The standby and talk time is apparently shorter than ever.	• Your phone consumes more power when signal reception is poor. Try to move to a better location when you use the phone. • Are you using a new battery? It takes several charge/discharge cycles for the battery to reach its original capacity. • Is the battery very old? Replace it with a new one. • Are you using the phone in very high or low temperature environment? The efficiency of a battery can be effected by ambient temperature.
Can not deactivate call barring or call divert functions.	Is the reception of network signal in good condition? Move to an open space, or a place closer to window.

Care and Maintenance



It is recommended that you observe the cautions below to prevent possible damage to your phone and to keep your phone in good condition.

When using your phone

- Avoid using your phone in dusty, extremely high or low temperature environments.
- Your phone does not provide water-proof capability. Do not spill water onto the phone or use it in the water or rain.
- Avoid removing the battery without turning off the phone in advance. If you want to remove the battery, turn phone power off first.
- Do not apply strong force or shock to the phone.
- Keep the phone and its accessories away from small children.
- Do not insert metal objects into the battery charger socket of the phone. This can short-circuit the battery and result in danger.
- Back up your Phone Book data regularly onto the SIM card.

When cleaning your phone

- Use soft, clean and slightly moistened cloth to clean your phone. Do not let water come into any openings (such as earpiece and microphone) or remain on metal surface (such as the metal contacts).
- Do not wipe your phone with any corrosive liquid or coarse objects. This can damage the outer case of your phone.

When carrying/storing your phone

- Do not leave your phone in hot enclosed places (such as in a car under direct sunlight).
- Avoid pressing and shaking the phone when you carry it.
- Remove the battery from phone if it is not going to be used for a long period of time. Keep the phone and battery in a cool and dry place.

When using the accessories

- Use only approved batteries and accessories. Use of non-approved accessories can cause damage to your phone or yourself.
- Do not use the battery and charger for other purposes.

When using your phone in public areas

Use the phone with manner. Turn it off or make it silent when you are asked to.

When the phone appears to be broken

Care and Maintenance

Do not attempt to disassemble/fix the phone by yourself. Seek your original dealer for help.

Appendix



Left soft key



Quick Reference

Left soft key	To go to this item	Press these keys
Message 	Text messages	Left soft key Select Select
	Multimedia messages	Left soft key Select  Select
	Chatroom	Left soft key Select  Select
	Settings	Left soft key Select  Select
	Voice mail	Left soft key Select  Select
	Cell broadcast	Left soft key Select  Select
	Sending history	Left soft key Select  Select
	Service command	Left soft key Select  Select
Call meter 	Missed calls	Left soft key  Select Select
	Received calls	Left soft key  Select  Select
	Dialed calls	Left soft key  Select  Select
	Erase all	Left soft key  Select  Select
	Call time	Left soft key  Select  Select
	Call cost	Left soft key  Select  Select
	GPRS data counter	Left soft key  Select  Select
	GPRS connection time	Left soft key  Select  Select
	In-call count	Left soft key  Select  Select

Call feature 	Call divert	Left soft key  Select Select
	Call waiting	Left soft key  Select  Select
	Call barring	Left soft key  Select  Select
	Show number	Left soft key  Select  Select
	Phone lines	Left soft key  Select  Select
	Anykey answer	Left soft key  Select  Select
	Auto redial	Left soft key  Select  Select
	Speed dialing	Left soft key  Select  Select
	Next call	Left soft key  Select  Select
Sound 	Profiles	Left soft key  Select Select
	Tone editor	Left soft key  Select  Select
	Silence	Left soft key  Select  Select
Phone setup 	Language	Left soft key  Select Select
	Backlight	Left soft key  Select  Select
	Adjust contrast	Left soft key  Select  Select
	Clock	Left soft key  Select  Select
	Auto power off	Left soft key  Select  Select
	Display	Left soft key  Select  Select
	Key lock	Left soft key  Select  Select
	Input mode	Left soft key  Select  Select
	Right key	Left soft key  Select  Select

Extras 	My picture	Left soft key  Select Select
	Alarm clock	Left soft key  Select  Select
	Calendar	Left soft key  Select  Select
	Game	Left soft key  Select  Select
	Calculator	Left soft key  Select  Select
	Stopwatch	Left soft key  Select  Select
	Voice recorder	Left soft key  Select  Select
WAP Service 	Home	Left soft key  Select Select
	Bookmark	Left soft key  Select  Select
	Profiles	Left soft key  Select  Select
	Appearance settings	Left soft key  Select  Select
	Download settings	Left soft key  Select  Select
	Authority certificates	Left soft key  Select  Select
	Go to address	Left soft key  Select  Select
	Clear the cache	Left soft key  Select  Select
	Service inbox	Left soft key  Select  Select

My shortcut 	Inbox	Left soft key  Select Select
	Write message	Left soft key  Select  Select
	Last call time	Left soft key  Select  Select
	Tone editor	Left soft key  Select  Select
	Calendar	Left soft key  Select  Select
	Calculator	Left soft key  Select  Select
	Display	Left soft key  Select  Select
	Access Internet	Left soft key  Select  Select
	Game	Left soft key  Select  Select