BenQ·SIEMENS EF51

Mobile Phone
User Manual

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Safety Information

For your safety, please read the guidelines below carefully before you use your phone:

Exposure to Radio Frequency Signals

Max. SAR measurement
GSM850: 0.648W/Kg (head); 0.969 W/Kg (body); DCS1800: 0.285 W/Kg.
PCS1900: 0.607 W/Kg (head); 0.327W/Kg (body).

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

European and international agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektringenieure (VDE) DIN- 0848
- Directives of the European Community, Directorate General V in Matters of Radio Frequency Electromagnetic Energy
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95.1- 1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Department of Health and Welfare Canada. Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers and physicians from universities, government health agencies and industry reviewed the available body of research to develop the updated ANSI Standard.

The design of your phone complies with these standards when used normally.

Specific Operating Restrictions

No metallic component allowed in body-worn accessories.

Antenna Care

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

Phone Operation

- Normal Position: Hold the phone as you would with any other telephone.
- To avoid potential RF interference, please do not wear the phone around your neck or in front your chest for long hours.

Batteries

- For safety concerns, when the temperature of the phone goes over 45°C (113F) or below 0°C (32F), charging will halt.
- Do not expose batteries to temperatures below -10°C (14F) or above 45°C (113F). Always take your phone with you when you leave your vehicle.
- Use only genuine battery to ensure the phone's normal operation.

All batteries can cause property damage, injury or burns if a conductive material such as jewelry, keys or beaded chains touches exposed terminals. The material may complete electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, purse or other container with metal objects. When battery is detached from the phone, your batteries are packed with a protective battery cover; please use this cover for storing your batteries when not in use.

Driving

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

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

Electronic Devices

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

Pacemakers

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

Persons with pacemakers:

- Should **ALWAYS** keep the phone more than six inches from their pacemaker when the phone is turned **ON**.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.

If you have any reason to suspect that the interference is taking place, turn your phone **OFF** immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

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

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

Vehicles

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

Posted Facilities

Turn your phone **OFF** in any facility where posted notice so requires.

Aircraft

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

Blasting Areas

To avoid interfering with blasting operations, turn your phone **OFF** when in a "blasting area" or in area posted "TURN OFF TWO-WAY RADIO." Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone **OFF** and do not remove the battery when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks, from your battery, in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. **DO NOT** place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

European Union Directives Conformance Statement

This device complies with the OJ-Directive as below:

Electromagnetic Compatibility Directive (89/336/EEC), Low Voltage Directive (73/23/EEC)

And R&TTE Directive (99/05/EEC).

And also complies with the standard: CE0168

3GPP TS 51.010-1

EN 301 511

EN 50360/ EN 50361

ETSI EN 301 489-1/-7

EN 60950

ETSI EN 300 328 & ETSI EN 301 489-17 (Bluetooth)

Disposal of Waste Electrical and Electronic Equipment (Applicable in the European Union and other European countries with recycling systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable take-back scheme for the recycling of electrical and electronic equipment. By ensuring this product is disposed on correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of material will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local BenQ Mobile office.

<Memo>

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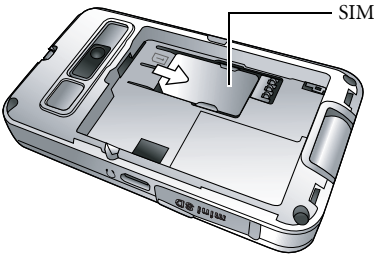
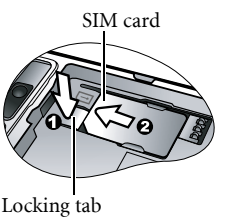
1 Preparing your phone for use

Inserting a SIM card

Slide the entire SIM card into the slot in the direction of the arrow shown on the compartment, with the metal contacts of the SIM card facing down and the cut corner at the top left as illustrated.



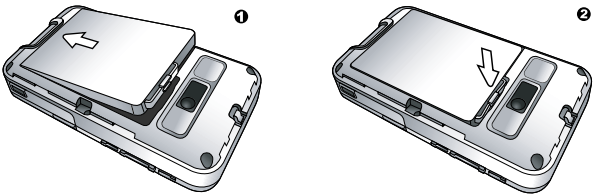
If you wish to remove the SIM card, first press down the locking tab, then slide the SIM card out in the direction of the arrow as illustrated.



A SIM card can be easily damaged if its metal contacts become scratched. Take special care when holding or inserting it.

Installing a battery

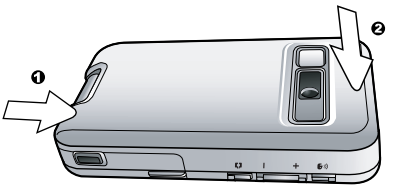
1. Slide the top end of the battery down into the bottom end of the battery bay.
2. Press the bottom end of the battery down so that it locks in place.



> ⚠ Do not remove the battery when the phone is on. Doing so could cause you to lose personal settings or data stored either on your SIM card or in the phone's memory.

Installing the back cover

Insert the tabs on the inside bottom edge of the back cover into the slots on the bottom of the phone, then swing the cover down onto the phone to lock in place.



Charging the phone

1. Insert the charger connector fully into the charger socket at the left edge of your phone. Ensure that the connector is plugged with the side showing the arrow icon facing you.
2. Plug the charger into a power outlet.

> ⚠ Do not remove the battery while the phone is charging.

3. Once the phone is fully charged, remove the charger from both the power outlet and the phone.

☞ Please note:

- It takes approximately 4 hours to fully charge a battery.
- When the battery is weak, the phone will play an alert sound.
- When the battery is discharged, the charging may not start immediately when you plug in the connector. Wait 10 to 15 minutes for the phone to begin charging.

Turning the phone on

1. Open the flip.
2. Long-press [⏻] to turn the phone on. The phone will display the welcome animation.

☞ In this user manual, "long-press" means to press and hold down a key for about two seconds. "Press" means to press a key and release immediately.

☞ To set a welcome message, go to: **Settings** > **Display** > **Welcome Message**. For details, please refer to page 80.

3. Enter your PIN code and press [—] to confirm.

The PIN (Personal Identification Number) is the password provided by your network operator. You need this password in order to use the SIM card.

> ⚠ If you enter the PIN incorrectly three times in a row, the SIM card will be locked. You must now enter the PUK (Personal Unblocking Key) for that SIM card in order to unlock it. Please contact your network operator to obtain a PUK.

To activate/disable PIN password authentication, go to **Settings** > **Security** > **PIN Code** > **PIN 1 Code** > **Set Status**. See page 87.

4. When the PIN code entered has been accepted, the phone will automatically search for the designated network. This search process may take a few seconds.
5. The idle screen will be displayed, as well as network signal strength and the name of the network operator. You can now use the phone.

If the phone is not able to detect the designated network, or links to a network that you are not authorized to use, the signal strength meter will show no bars. You will only be able to make emergency calls.

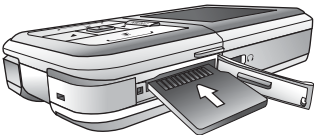
The miniSD card

Your phone features a miniSD slot designed specifically for use with the miniSD card, a removable flash memory card intended to add greater storage capacity to your phone.

The miniSD card enables you to store multimedia data, including images, photos, MP3 audio files, and ring tones.

Installing the miniSD card

1. Lift the cover on the left side of the phone.
2. Insert the miniSD card fully into the slot until it clicks into place. Ensure that the card's metal contacts face upwards.
3. Close the cover.



Please note:

- will display on the idle screen when the miniSD card is loaded.
- Do not format the miniSD card to **FAT32** or **NTFS**.

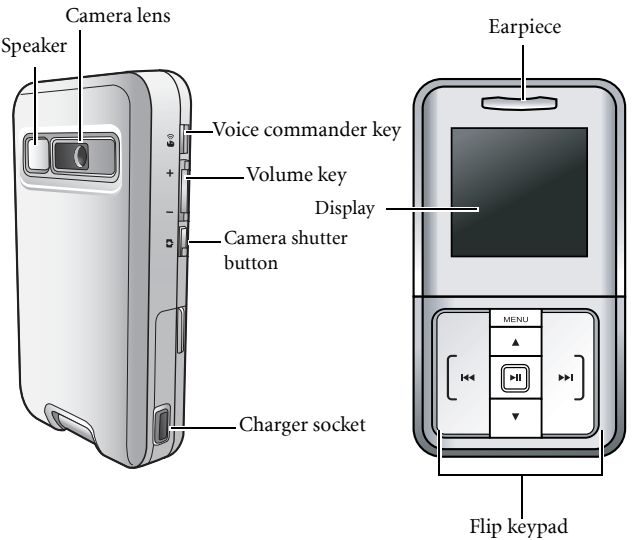
Removing the miniSD card

1. Lift the cover.
2. Press the miniSD card to release it.

2 Getting to know your phone

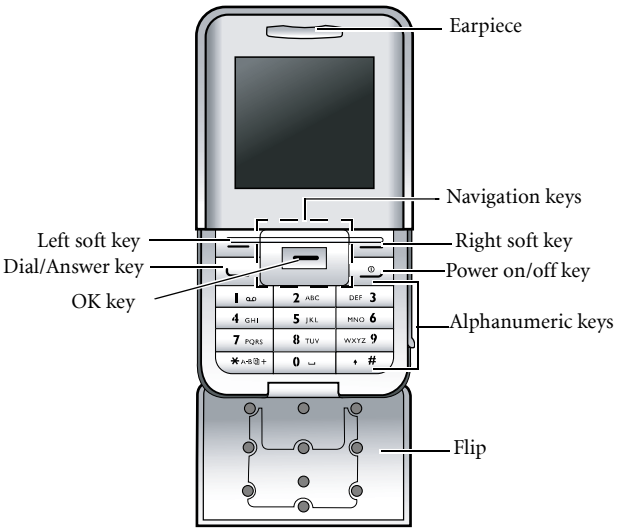
Your phone at a glance

Front closed, left and back

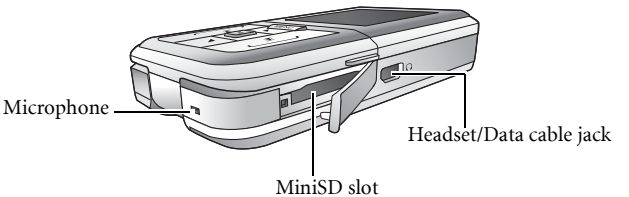


The flip keypad is used for performing the MP3 function and for answering and ending a phone call.

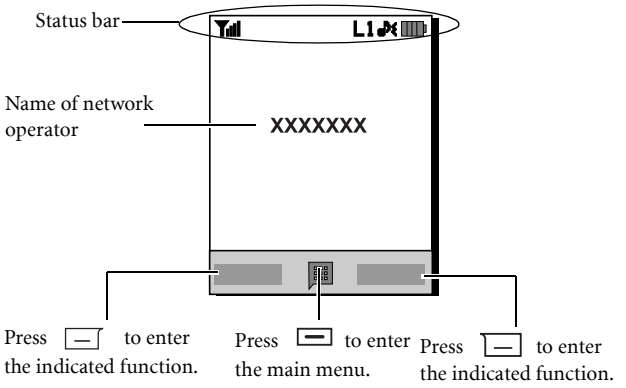
Front open



Right and bottom



Idle screen



- To set the wallpaper of the display, go to **Settings** > **Display** > **Wallpaper**. Alternatively, you can go to **Media Center** > **Images**. See page 65 and page 80.
- To set the theme of the display, go to **Settings** > **Display** > **Theme**. See page 80.
- To set the current time and date, as well as the format to be shown, go to **Settings** > **Date & Time**. See page 78.
- To enter text (such as the user name) to be displayed on the idle screen, go to **Settings** > **Display** > **Personal Banner**.

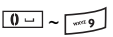
Icons in the status bar

Icon	Function	Description
	Signal strength	Signal strength of the network. The more bars indicated, the stronger the signal.
	Battery status	Current level of battery power. The more bars indicated, the more power remains.
	GPRS in use	GPRS has been activated.
	Message	You have new SMS and MMS messages.
	WAP message	You have new WAP messages.
	Voicemail	You have new voicemail messages (this icon will only appear if the function is supported by your network operator).
	Alarm	Alarm is turned on.
	Keypad lock	Keypad is locked.
L1 / L2	Line1 or Line 2 in use	Line1 or Line2 is now in use.
	Normal	The **Normal** profile is activated.
	Meeting	The **Meeting** profile is activated.
	Silent	The **Silent** profile is activated.
	Outdoors	The **Outdoors** profile is activated.
	Personal	The **Personal** profile is activated.

Icon	Function	Description
	Flight mode	The **Flight mode** is activated.
	Stereo Headset	A stereo headset is connected to the phone.
	Bluetooth headset	A Bluetooth headset is connected to the phone.
	Bluetooth handsfree	A Bluetooth handsfree is connected to the phone.
	Divert	The call divert is activated.
	Roaming	Roaming is activated (not within your regular network).
	Bluetooth	Bluetooth is turned on.
	miniSD Card	miniSD card is loaded.

Using the keys in idle mode

Key	Commands and functions
	Power on/off key • Long-press to turn the phone on or off. • Press this key to end a call, reject an incoming call, or to cancel a dialing.
	Send/Answer key • Press to send or answer a call. • Press to access the call record list.
	Left soft key • Press to perform the function indicated on the bottom left of the display. To designate the function to be accessed by the left soft key, go to **Settings** > **Key Assignment**. See page 81.
	Right soft key • Press to perform the function indicated on the bottom right of the display. To designate the function to be accessed by the right soft key, go to **Settings** > **Key Assignment**. See page 81. • Long-press to turn the silent profile on or off.

Key	Commands and functions
	OK key and **Navigation keys** • Press to enter the main menu or to confirm. • Use the navigation keys as hot keys to enter the designated functions. To designate the functions to be accessed by the navigation keys, go to **Settings** > **Key Assignment**. See page 81.
	Asterisk key • Press this key to enter an asterisk " * ". • To make an international call, long-press this key until the display shows "+", then enter the recipient's country code, area code and phone number.
	Voicemail key • Long-press to dial your voicemail number.
	# key • Press to enter "#". • For extensions: After entering a phone number, long-press to enter a "P" and then enter the extension number. • Long-press this key to activate the keypad lock.
	**Alphanumeric keys** • Press to enter digits. • Shortcut key: Long-press a key to immediately access the function, or dial the number, that it represents. See page 73, "Shortcuts".

Key	Commands and functions
	Volume key (on the left side of the phone indicated by + and -) • Long press the upper or lower portion of the key to adjust ring tone volume.
	Camera shutter button (on the left side of the phone indicated by) • Long-press to activate the camera mode. See page page 32, "Using the Camera"
	Voice commander key (On the left side of the phone indicated by) • Long press to turn Voice Commander on. See page page 40, "Voice Commander".

Menu navigation

1. In idle mode, press [—] to bring up the main menu.
2. Use the navigation keys [⊟] to scroll up, down, left or right through the menu. For example, scroll to **Settings**, and press [—] to enter its menu.
3. Use [⊟] to scroll to a submenu, for example **Profiles**, and press [—] to enter the submenu item.

You can also access a menu item by pressing the corresponding menu number. In the above example, press [3 def] to access **Profiles**.

3 Using your phone

Call functions

Making a phone call

In idle mode, enter the phone number. Press to dial your call.

Ending a phone call

To end a call, do one of the following:

- With the flip closed, press on the flip keypad.
- With the flip open, press or close the flip.

The display will show the total call time as you end a call, and then return to idle mode.

Answering a phone call

To answer a call, do one of the following:

- With the flip closed, open the flip or press on the flip keypad.
- With the flip open, press .

If you wish to press any key to answer a call, go to **Settings** > **Call Settings** > **Answer Mode** > **Any Key**.

Rejecting an incoming call

To reject an incoming call, do one of the following:

- With the flip closed, press on the flip keypad or long-press the upper portion of the volume key on the left side of the phone.
- With the flip open, press or close the flip.

Muting the ring tone for an incoming call

When there is an incoming call, you can mute the ring tone by long-pressing the lower portion of the volume key . You still can answer the call after the ring tone has been turned off.

Making an international call

1. Enter the outgoing international call code, or long-press until "+" appears on the display.
2. Enter the recipient's country code, area code and phone number. Dial the call by pressing .

Making an emergency call

To call emergency services, enter 112 (the international emergency number) and then press to dial the call. You can make an emergency call even if your phone is locked or cannot access your network, or there is no SIM card inserted, as long as you are within range of a network of the type supported by your phone.

Dialing an extension number

1. After entering a phone number, long-press until "P" appears.

2. Enter the desired extension number, then press to dial it.

Speed dialing

You must assign a number key as the shortcut for a particular phone number in order to use speed dialing for that phone number. For information on how to set up a shortcut, see page 73, "Shortcuts".

After you have assigned a number key to serve as the shortcut key for a particular phone number, long-press this key when the phone is in the idle mode to dial the corresponding phone number.

Listening to voicemails

Long-press to dial the voicemail phone number and listen to your voicemails.

Please note:

- If the network vendor supports it, the voicemail icon will appear on the display when you have new voicemails.

- If the voicemail number is not stored in the memory, you will not be able to access your voicemail by long-pressing [1 ∞]. In this case, you will need to manually set the number by going to **Messages** > **Voicemail** > **Set Number**.

Operations during a call

☞ The following options marked with an asterisk (*) are dependent on network support and may require a subscription.

Using the loudspeaker

Press [—] (**Loudsp.**) to turn on the loudspeaker. To turn off the loudspeaker, press [—] (**Handset**).

Adjusting the volume

To adjust the speech volume during a call, press the volume key on the left side of the phone.

☞ Adjusting speech volume only works during a call.

Putting a call on hold*

- When only one call is active:
  a. Press [—] (**Hold**) to hold this call.
  b. Press [⏻] to end this call.
- When only one call is on hold:
  a. Press [—] (**Unhold**) to resume the call.
  b. Press [⏻] to end this call.
- When there is an active call and a call on hold.

a. Press (**Swap**) to resume the call that is on hold, and put the active call on hold.

b. Press to show a list of calls that you can end.

Making a second call*

Enter a phone number, or select one from the Phone Book or call record, and then press . The currently active call will automatically be placed on hold.

Call waiting*

If there is an incoming call while you are on the phone, the phone will notify you with a call waiting tone. If you want to

- Answer the waiting call: Press . The currently active call will automatically be placed on hold. However, if there is already another call on hold, a list will appear allowing you to select a call to end and then answer the waiting call.
- Reject the waiting call: Press or (**End**). Pressing (**End**) will immediately reject the waiting call; pressing will bring up a list allowing you to select a call to end.

Call menu

Pressing during a call will bring up a call menu which provides a number of functions available during a call.

Items marked with an asterisk (*) depend on network support and may require a subscription.

Use Headset

Allows you to use the Bluetooh headset. For more information, see page 69, "Establishing a connection with your Bluetooth headset".

Use Loudspeaker/Handset

Turns on/off the loud speaker function.

Phone Book

Allows you to search for a number in the Phone Book.

Call Records

Allows you to view missed, received, and dialed calls.

Conference*

Conference calls allow you to converse with more than one party at a time.

Hold/Unhold/Swap*

Toggles the call status.

Join/Private

Adds a party that is on hold to the current conference call, or isolates a single party in a conference call and puts all other parties on hold.

Forward

Allows two parties to connect, while ending one's own call (one of the two parties may be involved in an active call while the other is either on hold or being dialed), so as to allow the two parties to have their own call.

Send DTMF

When the phone is connected to other devices or services, you can send DTMF (Dual Tone Multi-Frequency) strings. Your phone will emit tones to communicate with answering machines, pagers, computerized telephone services, and so forth.

Enter the number and then press to send the DTMF string.

End Call

End All
Ends all calls, whether active or on hold.

End Active
Ends only the active call.

End Hold
Ends only a call or calls on hold.

End One
Ends only a single call by the number or the contact.

Anonymous
Ends a call not showing its number.

Hold/Unhold/Swap

Toggles the call status.

Mute/Unmute

Activates/cancels the silent mode.

SMS

Allows you to access the Messages menu duing a call. For details see page 42, "Messages".

Calculator

Allows you to use the calculator. For details see page 74, "Calculator".

Using the Phone Book

Adding contacts to the Phone Book

The capacity of a phone book on your SIM card depends on the type of SIM card provided by your network operator.

1. In idle mode, enter the phone number that you want to save, then press [—] (**Save**).
2. Select the memory where the contact is to be stored. Select from either **Add to SIM** or **Add to Phone**.
3. Scroll to the data field that you want to edit, and then press [—] to enter data.
4. Press [—] to return to the contact data screen after filling the field.
5. Press [—] (**Option**) to
   - **Save**: Save the contact data you have entered.
   - **Change Type**: Change the category of the phone number (for example, from Mobile Number to Home Number). This option can only be used in the phone number data field.
   - **Add New Field**: Adds additional data fields for a contact.
   - **Delete Field**: Removes the selected data field.
6. Once you have completed editing, press [—] (**Option**) and select **Save** to save contact's details.

Phone book fields on SIM card memory

Name	The contact's name.
Number	The contact's phone number.
Caller Group	Used to select a caller group for the contact. To define each caller group, go to **Phone Book** > **Caller Group**. See page 55.

Phone book fields on phone memory

Name	The contact's name.
Mobile Number	The contact's mobile phone number.
Home Number	The contact's home phone number.
Email	The contact's email address.
Caller Group	Used to select a caller group for the contact. To define each caller group, go to **Phone Book** > **Caller Group**. See page 55.

Additional phone book fields on phone memory

Mobile Number	The contact's mobile phone number.
Home Number	The contact's home phone number.
Office Number	The contact's office phone number.
Other Number	Other phone number for the contact.
Home Address	The contact's home address.
Office Address	The contact's office address.
Company	The contact's company name.
Department	The contact's department name.
Position	The contact's position.
Note	Used to edit notes for the contact.
Special Day	Used to enter a special date of the contact.
Ring ID	Used to set a ring tone for the contact. When there is an incoming call from the contact, the phone will play this ring tone. ☞ A ring tone set in this field will replace the one associated with the contact's caller group, if any.

Image ID	Used to set the image that will appear on the display when there is an incoming call from the contact. The image set in this field will replace the image associated with the contact's caller group, if any.

Finding contacts in the Phone Book

1. In idle mode, press [—] (**Names**) to display contacts stored in the Phone Book.
2. Press the alphanumeric key that corresponds to the first letter of the name you wish to locate the appropriate number of times.
3. If necessary, scroll to the entry you want.

You can access the phone book by pressing [—] only when [—] is designated as the shortcut key for the phone book. See **Settings** > **Key Assignment** on page 81.

You can also go to **Phone Book** > **Find**, and then enter the full name or the first letter of the name to locate a contact.

The icon will display on the top of the screen if the contact is stored on your SIM card; will display if the contact is stored in your phone memory.

4. When you have found the contact you want, you can

- Press [—] to view the contact's details.
- Press [⌐] to dial the number. If the entry has more than one phone number, you will be prompted to select a number.

- Press (**Option**) to **Add**, **Edit**, **Copy to SIM/Copy to Phone**, **Call**, or **Delete** a contact. To send the contact's data by SMS or by Bluetooth, select **Send vCard**.

For information on using Bluetooth, see page 68, "Bluetooth".

Last missed, dialed, and received calls

- If there have been any missed calls, the display will show a missed call message along with the number of calls that were missed. Press to view the missed call number.
- In idle mode, press to view the list of the most recent missed, dialed, and received calls.

The icon will show beside missed calls; will show beside dialed calls; will show beside received calls.

If a call for the same number/contact has been missed, dialed or received two or more times, a note such as “x2” will display beside the record of the call.

Scroll to the number you want and then

- Press to call back.
- Press (**Option**) and select your desired function.

Using the silent profile

In idle mode, you can long-press to activate the silent profile. Once it is activated, the phone will alert you to an incoming call by vibrating without ringing.

1. When you long-press [—] to activate the silent profile, the phone will vibrate for one second. The icon will appear in the status bar.
2. To turn off the silent profile, long-press [—] .

☞ To select or define a profile, go to **Settings** > **Profiles**. See page 79, "Profiles".

Using the MP3 player

☞ You can upload music from a computer to your phone using Bluetooth or the supplied USB data cable. Refer to page 68, "Connection" for details.

☞ The MP3 Player can only play audio files saved in the following formats: MP3 (MPEG1-LAYER3/MPEG2-LAYER3), AAC/AAC+ (ADTS Format (LC & HE-AAC Profile)), and BP3.

Turning the MP3 player on

Do one of the following:

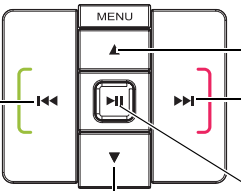
- With the flip closed, long-press [⏯] on the flip keypad.
- With the flip open press [—] (**MP3**) from the idle screen, or choose **Entertainment** > **MP3 Player**.

☞ You can turn on the MP3 player by pressing [—] only when [—] is set as the shortcut key for the MP3 player. See **Settings** > **Key Assignment** on page 81.

Playing the music

Using the flip keypad (with the flip closed)

- If elapsed time is less than or equal to 2 seconds, press to play the previous song.
- If elapsed time exceeds 2 seconds, press to replay the current song.
- Long press to rewind.

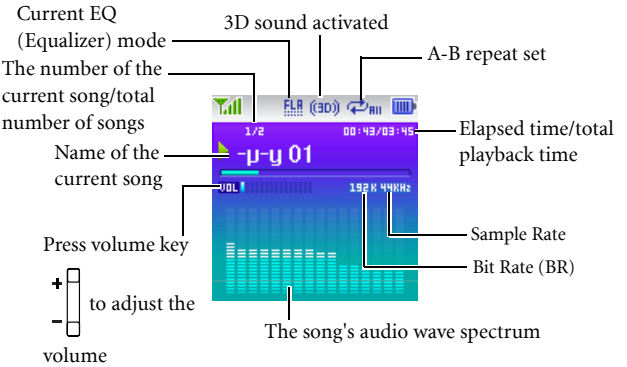


Using the phone keypad (with the flip open)

Use [—] and the navigation keys according to the on-screen keypad shown below.

- If elapsed time is less than or equal to 2 seconds, press to play the previous song.
- If elapsed time exceeds 2 seconds, press to replay the current song.
- Long press to rewind.

MP3 playback screen



Tracks will be played in the sequence they are saved. To play tracks at random order, press — (☰) and select **Settings** > **Use Shuffle**.

Using the MP3 player menu

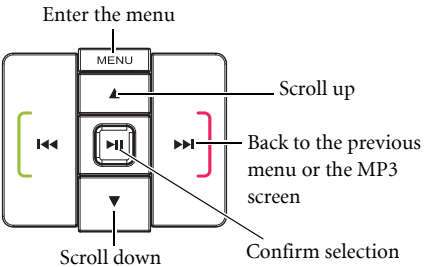
Opening up the MP3 player menu

Do one of the following:

- With the flip closed, press MENU on the flip keypad.
- With the flip open, press — (☰) on the handset keypad.

Navigating the MP3 player menu using the flip keypad

In addition to the handset keypad, you can also use the flip keypad as shown below to navigate the menu.



Playing all the tracks

1. Select **Track**.
2. Scroll to the desired track and press [—]. The MP3 player will play all the tracks in the order they are saved.

Building your playlist

☞ You can only use the handset keypad to build a playlist.

1. Select **Playlists**.
2. Press [—] (**Option**) to select **Add**.
3. Name the playlist in the Add Playlist screen, and press [—] to save.
4. In the Playlists screen, scroll to the desired playlist and press [—] (**Option**) to select **Edit**.

5. Press [—] (**Option**) then select **Add**. Scroll to the track you want to add, then press [▬] to select the track. Repeat the step to include multiple tracks in the playlist.

☞ Select **All** to select or deselect all tracks.

6. Press [—] (**Done**) to save the setting.

Selecting a playlist to play

1. Select **Playlists**.
2. In the Playlists screen, scroll to the desired playlist and press [▬].
3. Select the desired track and press [▬]. The MP3 player will play the tracks on the selected playlist.

Setting the repeat mode

Select **Settings** > **Set Repeat** to decide whether to play the present track (**One**) or all tracks (**All**) repeatedly.

Playing songs randomly

Select **Settings** > **Use Shuffle** to play tracks in a random order.

Showing lyrics during playback

Select **Settings** > **Show Lyrics** to have the lyrics displayed during playback.

Using the headset

To listen to MP3 using the Bluetooth headset, select **Settings** > **Use Headset**.

☞ For details on using Bluetooth, see page 68, "Bluetooth".

Setting the EQ (Equalizer) mode

Select **Settings** > **Set EQ** to choose your preferred EQ mode that will influence the sound during playback.

Setting the 3D sound

Select **Settings** > **Use 3D Sound** to produce 3D sound effects during playback.

Setting the display mode

Select **Settings** > **Display Mode** and set the display mode of the MP3 player.

Using the Camera

Your phone features a digital camera that allows you to take a picture to be set as an image ID or wallpaper, or to be sent in a MMS.

Taking pictures

1. To activate the camera mode, on the idle screen long-press the camera shutter button ( ) or choose the menu: **Entertainment** > **Camera**.
2. The viewfinder is then displayed.

3. Press (**Option**) to bring up the settings menu. For functions of various settings, see page 33, "Adjusting camera mode settings".

The icons on the screen will be changed according to the settings you made. For description on each icon, see page 35, "Icons in camera mode".

4. When the viewfinder appears, press the left and right navigation keys to adjust the exposure value; press the up and down navigation keys to zoom in or out

The zoom function will be disabled when the image size is set as 1280 x 960).

5. Press [—] or the camera shutter button ( ) to take a picture. The picture will be saved to the phone memory or to the miniSD automatically according to the setting you made. For the options of previewing pictures, see page 37, "Managing your pictures".

To delete the newly saved photo, press [—] (**Delete**). To return to the viewfinder without deleting the one just taken and saved, press [—].

Adjusting camera mode settings

1. Press [—] (**Option**) to bring up the settings menu.
2. Scroll to the desired option and then press [—] to save the setting.

Name	Functions
View Photos	Allows you to view the saved pictures.
Set Self-Timer	A picture is taken a few seconds after you press the shutter button. Choose between 5 or 10 seconds, or turn the option off.

Name	Functions
Face Mask	The camera's view finder will display a mask used to position the face of the person being photographed in good focus, in order for you to later obtain the best results when changing the person's facial expressions using the Face Morph function. For details on performing the Face Morph function, see page 39.
Hide/Show Icons	Allows you to hide or show the icons displayed in the view finder.
Settings	Allows you to change the camera mode settings.

3. To view camera mode settings, select **Settings**. When the setup is done, press [—] (**Save**) to save the settings.

Options of camera mode settings are as follows

Icon	Name	Functions
	Image Size	Allows you to set the desired image size.
	Effect	Enables you to apply a tone or color to your picture to create an artistic effect.
	Scene	Enables you to load preset settings that best suit the environment you are in.
	Contrast	Allows you to adjust the contrast level.
	Quality	Sets the image quality (compression ratio).
	Shooting Mode	Allows you to select between single shot and multishots. The available multishot modes vary according to the image size you choose.

Icon	Name	Functions
	Time Stamp	Adds a time stamp to your picture.
	Sound	Allows you to set the shot tone on or off.
	Save to	Allows you to change the default memory to phone memory or miniSD.

Icons in camera mode

The icons on the screen will be changed according to the settings you made. To hide or show the icons, press [—] (**Option**) and select **Hide Icons/Show Icons**.

Scene

Icon	Mode
	Auto
	People
	Landscape
	Sunny
	Sunset
	Night
	Snow
	Text

Image size

Icon	Mode
	1280 x 960
	640 x 480
	320 x 240
	128 x 128 (Wallpaper)

When the image size is 1280 x 160, the feature of consecutive shooting will be disabled. When the image size is 640 x 480, only 2 and 4 MultiShot modes will be available.

Self-Timer

Icon	Function
	5 Seconds
	10 Seconds

Shooting Mode

Icon	Function
	Single
	4 MultiShots
	8 MultiShots
	12 MultiShots

Icon	Function
	16 MultiShots
	20 MultiShots

Save to

Icon	Function
	miniSD
	Phone Memory

Managing your pictures

1. Press [—] (**Option**) and select **View Photos**.
2. Select the desired folder, if any.
3. Scroll to select a desired picture, and press [—] to display it in full.
4. Press [—] (**Option**) to bring up the available options for the picture.

Name	Options
Send	Allows you to send the picture by MMS or by Bluetooth. For details on MMS and Bluetooth, see page 45 and page 68.
Delete	Deletes the picture.
Set	Allows you to set the picture as Wallpaper for the idle screen, or as Image ID for a new/existing contact or caller group.
Edit	Allows you to rotate the picture.

Name	Options
Tailor	Allows you to crop the picture. 1. Select the desired size of the picture to be cropped. 2. Press — (**Adjust**) and the navigation keys to select the desired portion of the picture. 3. Press — to cut out the desired portion. 4. Press — again to save the cropped picture.
Face Morph	Allows you to generate various facial expressions according to the four spots you have manually positioned over the picture. See instructions below.
Move	Allows you to move the picture to the miniSD card or phone memory, or to a designated folder.
Copy	Allows you to copy the picture to the miniSD card or phone memory, or to a designated folder.
Slideshow	Allows you to view the pictures you have taken in a slideshow.
Browsing Mode	Allows you to view the pictures in a list or in thumbnails.
New Folder	Allows you to create a new folder to store pictures.
Protect	Protects the picture from deletion.
Unprotect	(Available when a picture is protected) Frees the protected picture.
Rename	Allows you to rename the picture.
Delete All	Deletes all the pictures.
Details	Shows the details of the picture including its name, resolution, and file size.

Face Morph

1. Press the navigation keys to position the red spot. Press [−] to confirm its position.
2. To generate the best expression effects, it is recommended that the four spots be placed over the corners of the eyes and the corners of the mouth, which are normally used to make facial expressions.

☞ Please follow the correct order below to set the positions of the red spots: outer corner of the right eye (1) > outer corner of the left eye (2) > right corner of the mouth (3) > left corner of the mouth (4).

3. To reset a red spot, press (**Undo**) to remove the spot, press [−] to have the spot reappear, and then adjust its position.
4. When spots are set and ready to change facial expressions, press the [−]. The message "Press Number Key to Change" appears.
5. To generate an expression, press a corresponding number key, the meaning of the generated expression is shown at the top left of the screen.

☞ Press (**Normal**) to display the original picture with no expression effects made.

6. Press the left and right navigation keys to reduce or intensify expression effects.

Voice Commander

Voice Commander feature allows you to make voice digit dialings, look up contacts, and play MP3 tracks by saying corresponding voice commands to the phone.

Voice Commander settings

To successfully use Voice Commander, you need to go to **Tools** > **Voice Tag** to complete the following settings:

Information synchronization for voice commands

To ensure that the phone recognizes the voice commands containing the names of Phone Book contacts and MP3s, turn **Auto Sync** on or select **Sync. Now**.

Voice digit dialing training for the phone

You can say the phone number you want to call and the phone dials it for you. For better accuracy and speedier dialing, you can teach the phone to recognize the way you say numbers.

1. Select **Digit Training**.
2. Say the digits on the screen one by one after beep. Once the phone recognizes the digits you say, it will show the next string of digits. To complete the training the phone needs to recognize 10 different strings of digits that you say.

Using Voice Commander

To turn Voice Commander on, long press the Voice Commander key on the left of the phone.

The predefined voice commands formats are displayed to indicate the functions that you can execute using Voice Commander:

Voice command format	Function to execute
Call [Contact]	Call a contact
Find [Contact]	Find a contact
Digit Dial	Dial a phone number
Open MP3	Play an MP3 file

Calling a contact using Voice Commander

1. After hearing the prompt "Please Say," say your voice command in the format consisting of "Call" followed by the name of the desired contact, as indicated by the voice command format "Call [contact]" on the screen.

☞ In addition to "Call [Contact]", the phone allows you to call a contact using the alternative formats as follows:

Voice command format
Phone [contact]
Dial [contact]

2. Once the phone recognizes your voice command, it will ask for your confirmation that you wish to call the contact. You can either press it [—] (**OK**) or say "OK" to the phone.

3. The phone will display the contact's phone number(s). You can select the number to dial by pressing [—] or by saying OK to the phone.

Messages

Your phone supports various messaging services including SMS (Short Messaging Service) and MMS (Multimedia Messaging service). SMS allows you to insert simple animations and ring tones into your text messages, while MMS enables you to send pictures, colored images and music through your phone. You must have a subscription that supports MMS. Please contact your network operator for details.

To enter the Messages menu, select in the main menu.

SMS

Receiving a new message

1. When you receive a new message, the icon and a text message showing the number of messages received appear on the display.
2. To read the message, press [—]. To manage the message, press [—] (**Option**). For details about managing received messages, see page 43, "Managing Inbox".

If you return to the idle screen without reading the new message, will remain on the idle screen's status bar to remind you of the unread message.

Creating a new message

1. To bring up the message editing screen, go to **SMS** > **New**. Use the alphanumeric keys to enter text.

For information on the input method, see page 50, "Input methods".

2. To insert a preset text, image, melody, contact data (**vCard**) or Calendar memo (**vCalendar**) into the message, press [—] (**Option**) and select **Insert**.

You can also define your own preset text. See page 44, "Defining quick message templates".

3. To align texts, press [—] (**Option**) and select **Alignment**.

4. When you finish editing the message, press [▬] to **Send Message**, **Save to Drafts**, **Save to Private Folder**, or **Discard** the message.

Managing Inbox

Your phone saves incoming messages in the Inbox. To manage Inbox messages, go to **SMS** > **Inbox**. A list of messages received appear. To view a message, scroll to it and press [▬]. Press [—] (**Option**) and select your desired function.

Read messages saved on the phone or on the SIM will be marked by or . Unread messages saved on the phone or on the SIM will be marked by or .

To decide where new messages will be saved to, go to **Messages** > **SMS** > **Settings** > **Save Msg. To**.

Managing Outbox

Go to **SMS** > **Outbox**. Outbox preserves a backup copy of messages that you failed to send.

Managing Sent Items

Go to **SMS** > **Sent**. The Sent folder preserves messages that were successfully delivered.

Managing Drafts

Go to **SMS** > **Drafts**. The Drafts folder contains message drafts that you chose to save. To edit a draft, scroll to it and press [—].

Managing Private Folder

Go to **SMS** > **Private Folder**. The phone code is required to enter Private Folder.

☞ The default phone code is 1234. To change the phone code choose the menu **Settings** > **Security** > **Phone Lock**.

Defining quick message templates

Go to **SMS** > **Templates**. The Templates folder contains a list of preset texts. To create your own text, press [—] (**Option**) and select **Add** to edit. To save it press [—].

Cleaning up messages

To clean up messages, go to **SMS** > **Cleanup**. You can choose to delete messages by category.

Settings

Your phone is already set up to send or receive messages. Contact your network operator for details.

MMS

In order to use MMS, you have to subscribe to both GPRS and MMS services provided by your operator. Contact your operator for details on MMS settings.

Downloading new messages

If you set **MMS** > **Settings** > **Deferred Download** on, the operator will send you a new message notification and will not download the message. Press [—] if you wish to download the message.

Reading a message

Having successfully downloaded the MMS message, the display will automatically switch to **Inbox**. Press [—] to play the MMS message page by page. Press [—] (**Option**) and select your desired function.

Creating a new message

1. To write and send a new MMS message, go to **MMS** > **New**. To edit the message content, scroll to the **Content:** and then press [—]. Press [—] (**Option**) to execute the following tasks:

- **Insert**: Allows you to insert photos, images, videos, melodies, text, vCard (contact data), vCalendar (calendar memo), or new pages.
- **Preview**: Plays all the pages in the message in sequence.
- **Remove Image**: Removes the image or photo inserted in the page.
- **Remove Melody**: Removes the ring tone inserted in the page.
- **Remove Text**: Removes entered text.
- **Remove Page**: Removes the current page.

- **Previous/Next Page**: Go to previous or next page.
- **Page Duration**: Sets the length of time that each page is displayed when playing the message.

For Input options, see page 50, "Input methods".

2. After you finish creating the MMS message, press [—] to return to the main list, which includes the following items.

- **To**: Enter the recipient's phone number or select a contact from your phone book by pressing [—] (**Browse**). To send your message, this field can not be left blank.
- **Subject**: Allows you to enter text for the subject.
- **Content**: Contains the message that you created.
- **Cc**: Allows you to send the message as a carbon copy to others.
- **Bcc**: Allows you to send the message as a confidential carbon copy to others.
- **Priority**: Allows you to set the priority for this message.
- **Receipt**: Allows you to set if a confirmation is to be sent back to you when the message has been delivered, read, or both.

3. Press [—] (**Option**) and select **Send Message** to send the message.

Managing Inbox

Your phone saves incoming messages in the Inbox. To manage Inbox messages, go to **MMS** > **Inbox**. A list of received messages appear. To view a message, scroll to it and press [—]. Press [—] (**Option**) and select your desired function.

Managing Outbox

Go to **MMS** > **Outbox**. Outbox preserves a backup copy of messages that you failed to send.

Managing Sent Items

Go to **MMS** > **Sent**. The Sent folder preserves messages that were successfully delivered.

Managing Drafts

Go to **MMS** > **Drafts**. The Drafts folder contains message drafts that you chose to save. To edit a draft, scroll to it and press [—].

Managing Private Folder

Go to **MMS** > **Private Folder**. The phone code is required to enter Private Folder.

☞ The default phone code is 1234. To change the phone code choose the menu **Settings** > **Security** > **Phone Lock**.

Templates

To use the preset MMS templates, go to **MMS** > **Templates**.

Cleaning up messages

To clean up messages, go to **MMS** > **Cleanup**. You can choose to delete message by category.

Settings

To set up advanced settings for MMS, go to **MMS** > **Settings**.

Filter

Your phone will reject all MMS messages from the senders listed here.

Expiry

Sets the length of time your outgoing MMS message stays on the server before it reaches the recipient successfully.

Reply Type

You can determine here whether you want to use an SMS message or MMS message in reply to an MMS message you have received.

Size Limit

Sets the maximum size for a message that the phone receives. If an incoming message exceeds this size, the phone will not be able to download that message.

Server Info

Activates the MMS server used for sending and receiving MMS messages.

Deferred Download

When set to On, the phone will only download the sender's details. You can then decide whether you want to download the whole message.

Delivery Report

Asks the recipient to return a confirmation after receiving your MMS message.

Read Report

Asks the recipient to return a confirmation after reading your message.

Voicemail

Get Voicemail

Dials the voicemail number provided by your network operator to access your voicemail box.

☞ In idle mode, long-press [1 ∞] to access your voicemail box.

Set Number

Allows you to save your voicemail phone number.

Cell Broadcast

Cell broadcast messages are messages that your network operator broadcasts to all phones within a particular area. These messages are broadcast in numbered channels. For example, channel 030 might be for local weather, 060 for traffic reports, 080 for information about local hospitals, taxis, pharmacies, and so forth. You can receive cell broadcast messages that your network operator broadcasts, and select your preferred topics and languages.

☞ For more information about available channels and a list of the information they provide, contact your network operator.

Receive

To activate the cell broadcast feature, set this option to On.

Topics

You can enter the desired range of topic numbers (channel numbers) which represent the broadcast information that you have selected to receive from your network operator.

Language

You can limit the cell broadcast information that you receive from your network operator to a specific language.

Memory Status

Shows the amount of used and available memories for storing messages.

Input methods

When an editing screen is displayed, the current text input method is indicated in the upper right corner of the screen. The phone has the following input methods.

	Multitap text input
	Numeric input
	T9 text input

Changing the input method

When an editing screen is displayed, repeatedly press [↑ #] until your desired input method appears.

Shifting between upper and lower case letters

When an editing screen is displayed, long-press [↑ #] to shift between lower case, upper case and caps lock letters.

Multitap text input

Entering text using multitap text input

- You must press the key corresponding to the desired letter the correct number of times in order to enter the letter you want. Display letters for entry according to the order shown on each key. Pressing a key once will display the first letter listed on the key, while pressing it twice will display the second letter, and so on.
- When you have entered a letter and wish to enter the next letter, either wait for two seconds until the cursor moves to the next text entry position, or immediately press the key for the next letter.
- Press 0 ␣ to enter a space before beginning a new word. Long press 0 ␣ to feed a new line.
- While entering text, use the scroll key to move the cursor. Press
  — (**Clear**) once to delete one character; long-press
  — (**Clear**) to delete all entered text.

Options when using multitap text input

When entering text using multitap text input, you can access the following options by pressing — (**Option**).

- **Symbols**: Opens the symbol table.
- **Input Methods**: To switch to another input method.
- **Cases**: To switch to lower or upper cases, or to use Caps Lock.

T9 text input

Entering text using T9 text input

- Press each key associated with the letter you want to enter only once. The letters you have entered appear on the display. The candidate words will change with each key you press.
- If the first highlighted word is not the word you want, scroll to highlight the desired word.
- If you do not find the word you want in the list of candidate words, that means the word you intend to enter is not a valid word in the dictionary. Press [—] (**Spell**) to open the spell check box, which allows you to create your own word into the dictionary. The next time you enter the word, it appears as one of the candidate words.
- Once the correct word is highlighted or is entered, press [—] to enter the word.
- Short press [0 ␣] to enter a space before beginning a new word. Long press [0 ␣] to feed a new line.
- While entering text, use the navigation keys to move the cursor. Press [—] (**Clear**) once to delete a character; long-press [—] (**Clear**) to delete all entered text.

Options when using T9 text input

When entering text using T9 text input, you can access the following options by pressing [—] (**Option**).

- **Spell**: Opens the spell check box to allow you to create your own word into the dictionary.
- **Symbols**: Opens the symbol table.

- **Input Methods**: To switch to another input method.
- **Cases**: To switch to lower or upper cases, or to use Caps Lock.
- **T9 Settings**: Enable **Choice List** to show the list of candidate words (if they were once entered) when you enter letters. Enable **Auto Completion** to complete the predicted word (if it was entered before), and use the navigation keys to display alternative words.

Numeric input

The numeric input method allows you to use the alphanumeric keys 0 to 9 to enter numbers.

Entering symbols

To open the symbol table, press *. Press * again to open the next page. Scroll to highlight the desired symbol. Press — to place the symbol in the text.

4 Menus

The phone features various functions and they are organized in the menus and sub-menus. The main menu consists of nine categories. Each category has related sub-menus.

For information about navigating menus, see page 13, "Menu navigation".

Phone Book

Find

Used to locate a contact in the Phone Book. Enter the first letter to view a list of contacts beginning with the letter. Scroll to the contact you want to find. See page 24, "Finding contacts in the Phone Book" for details about what to do after locating a contact.

Add

Used to add a new contact to the Phone Book. See page 21, "Adding contacts to the Phone Book" for details.

Edit

Used to edit a selected contact.

Copy

Used to copy contacts stored in the phone to SIM card, or copy contacts stored in the SIM card to phone. You can also select to copy an individual contact.

Delete

Deletes a contact from the phone book. You can delete one contact at a time, or delete all contacts at once.

Caller Group

Caller groups are combinations of phone settings used to identify a particular group of contacts.

1. Press (**Option**) to select the ring tone (**Ring ID**) or image (**Image ID**) used to identify a particular caller group, or to rename the caller group.
2. Press to view the contacts in the selected caller group. Press (**Edit**) to add or remove contacts.

Privacy Manager

This option allows you create a list of calls that you wish to accept (**Accept List**) or a list of calls that you wish to reject (**Reject List**). Set this function to Off if necessary.

1. Scroll to the list you need and press (**View**).
2. Press (**Option**) and select **Add** or **Edit** to add contacts to the list.
3. On the Privacy Manager menu, scroll to the list you wish to activate, then press .

Business Card

Allows you to enter your own business card information.

1. Scroll to the data field you wish to edit, then press to enter text.

2. Press [—] (**Option**) and select **Save** to save all the entered data, or select **Send vCard** to send this business card in a short message.

My Number

This option allows you to store your phone number and name.

Memory Status

Shows you the number of entries that have been stored and the maximum entries that can be stored, on the SIM and on the phone.

Messages

For the description of features available in the Messages menu, see page 42, "Messages".

Call Records

This menu includes a list of your missed calls, dialed calls, and received calls. Call costs and time are also recorded.

Missed

Shows your most recent missed calls.

See page 25, "Last missed, dialed, and received calls" for details.

Received

Shows your most recent received calls.

See page 25, "Last missed, dialed, and received calls" for details.

Dialed

Shows your most recent dialed calls.

See page 25, "Last missed, dialed, and received calls" for details.

Cleanup All

Deletes all of the call records.

Duration

☞ This feature is only accessible if supported by your network operator.

Last

Shows the duration of the last call.

All

Shows the total time for all calls.

Received

Shows the total time for all received calls.

Dialed

Shows the total time for all dialed calls.

Reset

Resets all call time records.

Cost

☞ The cost calculation requires the support of the network operator.

Last

Shows the cost of your last call.

All

Shows the total cost of all calls.

Reset

Resets all call cost records.

☞ Requires entry of the PIN2 code.

Limit

Shows the current limit set for total call costs.

Settings

Allows you to set the unit price and a currency for calculating call costs.

☞ Requires entry of the PIN2 code.

Games

You can play the games embedded in the phone, or download Java applications directly to your phone.

All Games

Embedded games and downloaded Java games are stored in this menu. To find out how to play these games, please read their on-screen instructions.

Settings

Internet Setting

If the Java application activated requires the Internet connection, you need to select the appropriate network access point here. To configure network access point settings, go to **Services** > **NAP settings**. See page 78, "NAP Settings".

Java Version

Shows the phone's Java virtual machine version.

Memory Status

Shows the amount of used and available memories on the phone and on the miniSD card for Java applications.

Entertainment

Camera

For information on using the camera, see page 32, "Using the Camera".

MP3 Player

For information on using the MP3 Player, see page 26, "Using the MP3 player".

FM Radio

☞ To listen to the FM radio on your phone, first connect your stereo headset to the phone.

☞ Please refer to page 95, "Appendix: Accessories" for compatible stereo headsets.

1. Go to **Entertainment** and select **FM Radio**.
2. Press [—] to turn on the radio.
3. Press the up and down navigation keys to select a channel previously saved in the **Channels** list.
4. Press the left and right navigation keys to scan channels in sequential order.
5. Press and hold the left and right navigation keys to rapidly scan for channels with signals.
6. To adjust volume press the volume key

.
7. Press [—] (**Option**) to access a list of options.
   - **Save Channel**: Allows you to save the current channel in the **Channels** list.
   - **Set Frequency**: Enter the frequency of a channel to access it directly.
   - **Record**: Allows you to record the current channel being listened to.

     ☞ To listen to recordings, go to **Entertainment** > **Recorder**.
   - **as Alarm Tone**: Sets the current channel as the alarm ring tone.

- **Use Loudspeaker**: Turns the loudspeaker on.

  The stereo headset must remain connected to the phone even if the loudspeaker is turned on.

- **Edit**: Allows you to change the current channel's details.

Recorder

1. Press [—] (**Option**) and select **Save to** decide whether recordings are to be saved on the miniSD or in the phone memory.
2. Press [—] to record.
3. Press [—] to stop recording.
4. Press the up navigation key to open up the Recordings list and select the recording to play.
5. Press the down navigation key to pause/resume playback.
6. Press [—] to stop playback.
7. To adjust volume press the volume key

.

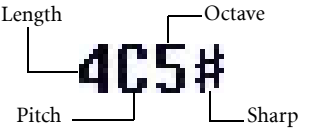
To delete recordings, go to **Media Center** > **Music** > **Recordings**.

Composer

You can edit your own polyphonic ring tones, and use them as alert sounds for incoming calls.

A polyphonic ring tone consists of musical tones in multiple channels. The Composer function allows you to create a maximum of 8 channels, mixing them to create the final polyphonic ring tone.

Note format



Entering default notes

Press key 1 to key 7 to enter quarter notes in the middle octave: **4C5**, **4D5**, **4E5**, **4F5**, **4G5**, **4A5** and **4B5**.

"4" on the left indicates a quarter note; "5" indicates the middle octave.

Entering a default rest

Press [*A-B] to enter a quarter rest: **40**.

Adjusting the length of a note

Press key 8 to increase the note's length (the number on the screen will increase); press key 9 to reduce the note's length (the number on the screen will decrease). Various note lengths are represented by the numbers shown in the chart:

On-screen number	1	2	3	4	5	6	7	8
Note length	1/16	1/8	3/16	1/4	3/8	1/2	3/4	1

Adjusting a note's octave

Press key 0 to adjust a note's octave. The octave of a note is represented by the numbers shown in the chart:

On-screen number	Represented octave
4	Lower octave
5	Middle octave
6	Higher one octave
7	Higher two octaves

Adding a sharp to a note

Press [* #] to add a sharp '#', which raises the note a semitone. To remove a sharp from a note, press [* #].

A sharp cannot be added to the **E** and **B** notes.

Steps for creating a polyphonic ring tone

1. Select to a channel to start composing music.
2. To modify a note, move the cursor to the right of the note that you wish to change. You can then proceed with adjusting the length, octave, sharp/unsharp, and so on. Press [—] (**Clear**) to delete a note highlighted by the cursor.
3. When editing the music in a channel, press [—] (**Option**) to access the following options:
   - **Play**
     Plays the notes in the channel.

- **Instrument**
  Allows you select the instrument that will play the notes in the channel.
- **Time Beat**
  Sets the tempo.

4. After you have finished editing the notes in the channel, press [—] to return to the channel list. You can now repeat the above steps to create another channel of music.

5. When you are finished with all the channels, press [—] (**Option**) in the channel list screen to access the following options:
   - **Play All**
     Plays the polyphonic ring tone that results from mixing all channels.
   - **Play Channel**
     Plays the channel you have currently scrolled to.
   - **Save**
     Selecting the option will mix the all the channels into a polyphonic ring tone, which will be saved to: **Media Center** > **Music** > **Composings**.

Media Center

> **Digital Rights Management**
> This phone features the Digital Rights Management (DRM) technology. DRM allows for copyright-protected audio/visual content transmissions for playback in computers, portable devices and network devices, while protecting them from unauthorized use.

Images

Images stores pictures and images saved in the phone or on the miniSD.

1. Select the desired folder and scroll to the desired picture.
2. Press [OK] to display the selected picture. Scroll up or down to display the next or previous picture.
3. Press [Option] (**Option**) to perform the following:
   - **Send**: Allows you to send the picture by SMS, MMS or Bluetooth.

     For information on using Bluetooth, see page 68, "Bluetooth".
   - **Delete**: Deletes the picture.
   - **Set**: Allows you to set this picture as the wallpaper or an image caller ID.
   - **Move**: Allows you to move the picture to the miniSD card or phone memory, or to a designated folder.
   - **Copy**: Allows you to copy the picture to the miniSD card or phone memory, or to a designated folder.
   - **Protect**: Allows you to protect the picture from deletion.
   - **Rename**: Allows you to rename the picture.

- **Delete All**: Deletes all pictures.
- **Details**: Shows details of the picture.

Music

Music stores audio files including MP3s, default ring tones, recordings, and the ring tones you created using the Composer function.

1. Select the desired folder and scroll to the desired audio file.

☞ To access the Private folder, you must enter the phone code (default: 1234).

2. Press [—] to play the music of the file.

3. Press [—] (**Option**) to perform the following:

   - **Send**: Allows you to send the picture by SMS, MMS or Bluetooth.

     ☞ For information on using Bluetooth, see page 68, "Bluetooth".

   - **Delete**: Deletes the selected MP3 file.
   - **Set**: Allows you to set the MP3 for incoming calls or as a ring ID for a specified contact or a caller group, or as alarm tone.
   - **Move**: Allows you to move the file to the miniSD card or phone memory, or to a designated folder.
   - **Copy**: Allows you to copy the file to the miniSD card or phone memory, or to a designated folder.
   - **New Folder**: Allows you to create a new folder.
   - **Protect**: Allows you to protect the file from deletion.
   - **Rename**: Allows you to rename the file.
   - **Delete All**: Deletes all files.
   - **Details**: Shows details of the file.

Other

Other stores files whose formats are not supported by the phone.

Format miniSD

This option will delete all the files stored on the miniSD. Phone code is required to execute this option.

Memory Status

Shows the amount of used and available memories on the phone and on the miniSD.

Tools

Alarm

1. Select the alarm to set.
2. Press the left and right navigation keys to turn the status on.
3. Scroll to an option and change the setting as needed.

Frequency

Allows you to select the days you want the alarm to sound.

Time

Allows you enter the time for the alarm to sound.

Time Duration

Allows you to set the length of the alarm.

Alarm Tone

Allows you to set the ringtone of the alarm.

4. To save all your current alarm settings, press [—] (**Save**).

5. When setting is saved, will appear in the display's status bar.

When the alarm rings, you can:

- Press [—] (**Snooze**) to stop the alarm, the alarm will ring again five minutes later.
- Press [—] (**Exit**) to turn off the alarm, the alarm will not ring until the next scheduled time.

Connection

Bluetooth

Your phone features Bluetooth technology which allows you to have a wireless connection between your phone and your Bluetooth devices.

Adding a Bluetooth device to your phone

1. If you go to **Tools** > **Bluetooth** > **Turn On** to turn on Bluetooth, you will be asked to search and to add Bluetooth devices. Press [—] (**Yes**) to begin searching.
2. Alternatively, you can go to **Tools** > **Bluetooth** > **Add Device**. The phone then begins searching.
3. When a list of available devices appear on the screen, select a device to connect to and press [—].
4. When a message appears asking for your permission to connect to this device, press [—] (**Yes**) to connect.
5. Enter the passkey for the device, both in the phone and in the device that you are connecting to.
6. When the passkey is accepted, the device is paired.

Establishing a connection with your Bluetooth headset

1. Go to **Tools** > **Bluetooth** > **Turn On** to turn on the Bluetooth.
2. You will be asked to search and to add Bluetooth devices, press [—] (**Yes**) to begin searching. Make sure that your Bluetooth headset is switched on and is in "pairable mode".
3. When a list of devices appear on the screen, select a device to connect to and press [—].
4. When a message pops up, press [—] (**Yes**) to connect.
5. Enter the Bluetooth headset passkey and press [—].

☞ Please check the user manual of your Bluetooth headset for this passkey.

6. When the passkey is accepted, the headset is paired. The Bluetooth connection is established automatically.

Sending an item using Bluetooth

You can send the items in your phone such as images, melodies, vCards (Phone Book records), or a vCalendars (Calendar events) to another Bluetooth device. When you select **By Bluetooth** as the **Send** method, a list of the once connected Bluetooth devices that can transfer data appears. Select an available device to connect to and press [—].

Managing your Bluetooth devices

Go to **Tools** > **Bluetooth** > **Devices**. Select a device from the list, and press [—] (**Option**) to access a list of options.

USB Connection

You can establish a USB connection to a computer using the USB data cable.

1. With the miniSD Card inserted, turn the phone on.
2. Connect the phone to the computer using the phone's data cable. Plug the cable's smaller end into the data cable jack on the right side of the phone, and the bigger end into the computer's USB port.
3. The phone will display a **USB Connection** menu. Select the desired task from the following:

- **Mass Storage**: To transfer files between the computer and the miniSD Card/phone memory, select this option. With connection established and detected by your computer, the miniSD card and the phone memory will function as a removable disk.

☞ On your computer, you can double-click on the **My Computer** icon to open the **My Computer** panel, where the icons of two removable disks are displayed. The first one represents the storage capacity of the miniSD card; the second one represents the storage capacity of the phone memory.

☞ When copying a file from your computer to the miniSD card or phone memory, you must place the file in the folder intended for the type of file. For example, an MP3 file must be placed in the **MP3** folder in order to be successfully used in the phone.

- **Modem/PC Sync**: To synchronize the phone with your computer to transfer Phone Book data or Calendar memos, select this option. Besides, the phone can work as a modem to let you connect your computer to the Internet.

☞ Before activating the data synchronization or the modem function, make sure you have installed onto your computer the software tool designed for use with the phone.

- **MTP**: Used to transfer DRM protected files between the computer and the miniSD Card/phone memory.

World Clocks

This feature displays current local time and date for major cities around the world.

☞ To make use of the World Clocks feature you must set your phone's time and date correctly. To do this, go to **Settings** > **Date & Time**.

To decide which cities' time and date you want to display:

1. Press [—] (**Edit**) to bring up a list of cities.
2. Press [−] to mark the cities. To unselect a city, scroll to that city and press [−].
3. With desired cities selected, press [—] (**Done**).

Calendar

Calendar allows you keep track of upcoming events. You may set the alarm to ring when it comes to the date.

1. When you open the Calendar, the phone will show the calendar for the current date. Scroll to the date you want to write a memo on. You can also press [—] (**Option**) and select the **Go to Date**.
2. When the desired date is highlighted, press [—] (**Option**) and select **Add** to open the memo editor.
3. Edit the data fields in the memo editor as needed. Press [—] (**Save**) to save the memo.
4. To send a memo by SMS or by Bluetooth, select the preferred memo, then press [—] (**Option**) to select **Send vCal**.

For information on using Bluetooth, see page 68, "Bluetooth".

5. To auto delete the memos, press [—] (**Option**) and select the A**uto Delete After**. Select the timeframe you want the deletion to be auto executed.

To Do List

To do list allows you to keep track of a list of tasks.

1. To add a new to do item, press [—] (**Option**) and select **Add**.
2. Write your memo. Press [—] to save the memo.
3. On the list, if there is any to do item that has already been completed, you can scroll to the item and press [—] to mark it. Then press [—] (**Option**) and activate **Auto Delete**, which will automatically clear any to do items you have marked as completed.

Note

Note allows you to write down quick notes. You can set a password protection for the notes.

Shortcuts

Allows you to assign 8 alphanumeric keys as shortcuts to commonly used functions or frequently dialed numbers.

is assigned to voicemail dialing and you are not allowed to change it.

Setting shortcuts

1. Scroll the selection box to the number key you wish to use as a shortcut key. You can also press the actual alphanumeric key to select it.
2. To add a function, press (**Option**) and select **Add Function**.

   To add a phone number, press (**Option**) to and select **Add Phone**. See step 3 if **Add Function** is selected. See Step 4 if **Add Phone** is selected.
3. From the function shortcuts list, scroll to select an item. Press to save the assigned shortcut.
4. From the contact list, scroll to select a contact. Press to save the assigned shortcut.
5. Repeat the above step to add or modify function shortcuts.
6. To cancel a shortcut key and restore the key's original function, scroll to the shortcut key that you want to cancel, and then press (**Option**). Select **Delete** to cancel the shortcut.

Using shortcuts

There are two ways to use shortcuts:

- In idle mode, long-press an alphanumeric key to access its assigned shortcut.
- Select **Tools** > **Shortcuts**. You can then:
  a. Scroll to move the selection box to the icon corresponding to the desired key. Then press [—] to access its assigned shortcut.
  b. Press the corresponding alphanumeric key to access its assigned shortcut.

Calculator

Allows you to use the phone as a calculator.

1. Enter numbers using alphanumeric keys; To enter a decimal point press [*] or [—] .
2. Perform calculations using the navigation keys and [—] as indicated on the Calculator screen.
3. Press [—] (**B.Space**) to delete numbers and symbols entered.

Currency Converter

Currency converter allows you to convert currencies and set the exchange rate.

1. To set the currencies for conversion, press [—] (**Option**) and select either **Currency 1** (to set the currency at the top of the screen) or **Currency 2** (to set the currency at the bottom of the screen).
2. To set the exchange rate, press [—] (**Option**) and select **Rate Setting**. To enter a decimal point press [*] or [—] .

3. Enter the amount of currency. The result will appear in the other currency field.

Stopwatch

Stopwatch allows you to measure times for sports events.

1. Press [—] to start the stopwatch.
2. While the stopwatch is running, press [—] (**Split**) to save each elapsed time.
3. Press [—] to halt the stopwatch.
4. Scroll to view the list of elapsed times.
5. To reset the stopwatch, press [—] (**Reset**).

Countdown Timer

Countdown timer allows you to specify length of time to count down.

1. Enter the length of time you want to count down.
2. Press [—] and the timer starts counting down to zero.
3. Press [—] to halt the Countdown Timer.
4. To reset the Countdown Timer, press [—] (**Reset**).

Voice Tag

Used for configuring the Voice Commander settings. See details on page 40, "Voice Commander settings".

Services

Your phone features a WAP browser, allowing you to use the phone for mobile Internet connectivity. To use the phone to get online, necessary WAP and GPRS settings must be made.

To activate the mobile Internet connectivity, consult your network operator for WAP and GPRS services. In general, the network operator will automatically transmit the needed settings to your phone. If not, you will need to manually configure necessary settings. For further details, contact your network operator.

ClubBenQ

Used to start up the browser and connect to the ClubBenQ website.

WAP Service

Start Browser

Starts up the browser and connects to the homepage.

Browsing a webpage

Referring to the soft key commands appear on the screen, press [—] and [—] to perform needed tasks while browsing a webpage. Scroll up or down until the item you want was highlighted, and then press [—] to select it.

Ending the online session

While online, press [⏻] to close the browser and return to the idle mode.

WAP Messages

When you receive a new WAP message, will be shown on the display. This option will start up the browser so you can read the WAP message.

Go to URL

Allows you to link to the URL you enter.

WAP Settings

Allows you to configure settings for different network operators' WAP servers, and then select the desired server to get online.

1. Scroll to the desired server and press [—] (**Option**).
2. Select **Add Profile** to establish settings for a new server, or select **Edit** to configure the selected server's settings:
   - **Profile Name**: Gives the WAP server a name.
   - **Homepage**: Sets the homepage that the browser will link to when it is started up.
   - **IP Address**: Enter the IP address used for accessing the mobile Internet.
   - **Port**: Enter the connection port specified by the network operator.
   - **NAP**: If you use a GPRS network, select GPRS NAP (Network Access Point) settings or CSD NAP settings to get online. If you use a dialup network, you are restricted to selecting only the CSD NAP settings to connect to the Internet.

   To configure GPRS NAP settings or CSD NAP settings, choose **Services** > **NAP Settings**.
3. Press [—] (**Save**) to save the settings.

4. Scroll to the server that you would like to use and press [OK] (**OK**) to confirm your choice.

Clear Cache

Clears webpage content that the browser temporarily stores in memory.

NAP Settings

Used to configure GPRS or CSD settings according to the network type used by the phone.

☞ For detailed information on how to properly configure GPRS and CSD settings, contact your network operator.

Service Number

Provided by your network operator if the service is supported. For further details, please contact your network operator.

STK Menu

This SIM Tool Kit (STK, for short) Menu is only available if provided by your network operator. For details, contact your network operator.

Settings

Date & Time

Used to set the time and date, as well as the format that will be displayed on the idle screen.

- **Date**: Allows you to set today's date.

- **Time**: Allows you to set the current time.
- **Format**: Allows you set the format in which the date and the time will be displayed.
- **Time Zone**: Allows you to select a time zone where you are.
- **Auto Time Zone**: With this feature turned on, the time displayed on the phone will auto switch to the local time you are at.

Auto Power On/Off

Allows you to specify a time for the phone to be automatically turned on or off.

> ⚠ When on an airplane, be sure that you deactivate the Auto Power On/Off feature.

Profiles

A profile is a group of settings that determine whether the phone will alert you to incoming calls through a ring tone or a vibrating alert, and how ring tones in general are used on the phone. These settings allow the phone's operations to best suit the environment you are in.

1. Scroll to the desired profile and then press [—] to activate this profile. You can choose from among the following profiles:

- **Normal**: This is the default profile.
- **Meeting**: The options in this profile have been preset to suit a meeting environment.
- **Silent**: The options in this profile have been preset to suit an environment where silence is required.
- **Outdoors**: The options in this profile have been preset to suit an outdoor activity.

- **Personal**: Allows you to use this profile for a group of custom settings.

2. To customize settings, scroll to a profile, and then press [—] (**Edit**).

You can not modify settings in Silent mode and in Airplane mode.

- **Vibrate**: Decides whether the phone will vibrate when there is an incoming call.
- **Call Ring**: Allows you to set the ringtone that will sound when there is an incoming call.
- **Message Tone**: Allows you to set the ringtone that will sound when there is a new message.
- **Calendar Tone**: Allows you to set the ringtone that will sound when your calendar event approaches.
- **Keypad Tone**: Decides whether keypad will sound when keys are pressed.
- **Ring Volume**: Allows you to adjust the ring volume. Scroll up or down to adjust it.
- **Restore**: Allows you to reset the profile to its default configuration.

Display

- **Theme**: You can change the appearance of the display. Select different themes to change the display color and background.
- **Wallpaper**: Designates the wallpaper used for the idle screen.
- **Welcome Message**: Allows you create a welcome message to be displayed when the phone is turned on.
- **Personal Banner**: Allows you to enter text to be displayed on the idle screen.

- **Brightness**: Allows you to adjust the brightness of the display to appear lighter or darker. Scroll up or down to adjust it.
- **Backlight Duration**: Allows you to specify how long the keypad backlight remains on after the last key is pressed.

Audio

- **Call Ring**: Allows you to set the ring that will sound when there is an incoming call.
- **Message Tone**: Allows you to set the ring that will sound when there is a new message.
- **Calendar Tone**: Allows you to set the ring that will sound when your calendar event approaches.
- **Keypad Tone**: Decides whether keypad will sound when keys are pressed.
- **Ring Volume**: Allows you to adjust the ring volume. Scroll up or down to adjust it.
- **Speech Volume**: Allows you to adjust the speech volume. Scroll up or down to adjust it.

Key Assignment

Allows you to assign functions to the left and right soft keys and navigation keys. When functions have been assigned, you can access them by pressing their corresponding keys in idle mode.

1. Scroll to the desired key and press [—].
2. Select the function to be assigned to the key and press [—].
3. When you are ready to save the assignments, press [—] (**Save**).

Call Settings

Answer Mode

- **Any Key**: Allows any key except to be used to answer an incoming call.
- **Send Key**: Allows incoming calls to be answered only by pressing .
- **Automatic**: If the Automatic answer mode is activated, the phone will ring for five seconds, and then the incoming call will be automatically answered

Only the Handsfree profile allows this setting.

Connect Alert

This feature allows the phone to ring, vibrate, or flash the backlighting when the recipient of a call has answered.

Minute Minder

You can have the phone beep at the specified interval during a call.

1. Press the navigation keys to set the status to On.
2. Scroll down to the Duration field to specify the interval of time at which the phone emits a beep during a call.
3. Press to save this setting.

Show Number

Decides whether your phone number will be displayed on the recipient's phone when you make a call. Select **Preset** to be determined by the default set by the network operator.

Call Divert

This feature allows you to divert calls to a designated phone number or voicemail box.

☞ Requires the support of the network operator.

Forward All

Diverts all incoming calls.

When Busy

Diverts incoming calls when you are in the middle of another call.

No Reply

Diverts incoming calls when you do not answer.

Not Reachable

Diverts incoming calls when your phone is turned off or outside network coverage.

Cancel All

Cancels all call divert options.

Call Barring

You can request that your network operator block the dialing or receiving of certain calls. To activate or cancel any of the options below, you must enter the network password provided by the network operator.

☞ Requires the support of the network operator.

All Outgoing

Blocks dialing of any calls from the phone.

Intl. Out

If this option is activated, no international calls can be made with your phone.

Intl. Except Home

If this option is activated, your phone can only be used to dial local calls and calls to your home country from abroad. Other international calls will be barred.

All Incoming

Rejects all incoming calls.

Incoming When Roaming

If you are in another country (using roaming), activating this option will cause the phone to reject all incoming calls.

Cancel All

Cancels all call barring settings. You must enter the network password in order to cancel these settings.

Change Password

You can change the network password, which can be obtained from the network operator.

Call Waiting

If there is an incoming call when you are in the middle of another call, the screen will display the number of the incoming call and call waiting message to alert you.

☞ Requires the support of the network operator.

Auto Redial

If there is no answer at a number you have dialed, the phone will automatically redial.

Fixed Dialing No.

After this feature is activated, the phone will only be able to dial numbers on the Fixed Dialing Number list. If a number is not on the list, calls cannot be made to this number.

☞ To activate or cancel this feature, you must enter the PIN2 code.

> ⚠ If the PIN2 code is entered incorrectly three consecutive times, the PIN2 code will be locked down. You will need the PUK2 code to unlock the PIN2 code. Contact your network operator to obtain the PUK2 code.

To create a Fixed Dialing Number list,

1. Press [—] (**View**), then press [—] (**Option**) and select **Add**.
2. Enter the PIN2 code, and then add a new number to your Fixed Dialing Number list.

Active Line

This feature allows you to use two different phone numbers on one phone. You can designate one number for dialing calls, while accepting incoming calls dialed to both numbers.

☞ Requires the support of the network operator.

User Group

- **User Group**: Used to create a closed group of callers based on a service provided by the network operator. The members of a User Group can call each other, but cannot conduct calls with anyone outside the group unless special provisions are made.

- **Outside Access**: When the User Group service is activated, enabling Outside Access will allow users in the group to make calls to numbers outside the group. However, incoming calls will still be restricted to calls within the group.

Network

Generally speaking, the network that your phone uses is configured automatically. When turned on, the phone will automatically connect to the network provided by your network operator, or will automatically connect to the roaming network when you are outside the coverage of your regular network. When outside the coverage of your regular network, you can manually select the local network system.

☞ Your network operator must be able to support network selection in order for you to use this feature.

Network Mode

Allows you to set the network searching automatic or manual.

- **Automatic**: If this option is selected, when outside the coverage of your regular network, the phone will automatically scan for the available network.
- **Manual**: If this option is selected, when outside the coverage of your regular network, the phone will list all the networks of telecom vendors and allow you to choose.

Available List

The phone will list all the available networks so that you can manually choose the preferred one.

☞ Not all networks listed will necessarily be available for use. If you require further information, contact your network operator.

Band Setting

Allows you to set an appropriate band in the GSM network system.

Connection

Allows you to set whether the phone will search for a GPRS network when it is turned on.

- **GPRS & GSM**: When it is turned on, the phone will search for available GPRS and GSM networks.
- **GSM Only**: When it is turned on, the phone will search only for a GSM network.

Security

You can use various codes and locks to prevent unauthorized use of the phone.

PIN Code

The PIN (Personal Identification Number) is the password provided by your network operator. When PIN code authentication is activated, it will prevent unauthorized use of the SIM card. You need this password in order to use the SIM card.

> ⚠ If you enter the PIN incorrectly three times in a row, the SIM card will be locked. You must now enter the PUK (Personal Unblocking Key) for that SIM card in order to unlock it. Please contact your network operator to obtain a PUK.

- **PIN1 Code**: Used to activate, deactivate or change the PIN1 Code. To change the PIN1 Code, select **Set Status** and set to **On**. Enter PIN1.
- **PIN2 Code**: Used to change the PIN2 code. The procedure is the same as for the PIN1 Code.

Phone Lock

Once the phone lock is activated, you will be required to enter the phone code when the phone is turned on. You must enter the correct code to unlock it (the default phone code is 1234). When the phone is locked, you will only be able to make emergency calls.

SIM Lock

When activating the SIM Lock, you must enter the previously set SIM Lock password (the default SIM Lock password is 1234). The password must be between 4 and 8 digits. Once the SIM Lock is activated, you will be required to enter the SIM Lock code to use another SIM card on your phone.

Auto Keypad Lock

Used to create a keypad lock. When you have not used the keypad for a specified period of time, the keypad will be locked. Scroll to set the status **On**, and select the time duration of inactivity before the keypad lock to be activated.

Power Saving Mode

Activating this mode will turn off the keypad backlighting and the brightness of the display backlighting will be reduced to conserve battery power.

Language

Allows you to select the language that the phone will use.

Input

Allows you to set the default input methods that will be used in the text input mode.

Flight Mode

When you are on a flight where the use of mobile phones is prohibited, select this option so that the phone will not link to any network, and the alarm, and calendar reminder will also be turned off. However, you can still use the entertainment features such as playing MP3 music or taking pictures in this mode.

Restore

Restores all the settings to their factory default.

☞ Requires entry of the phone code, which is 1234 by the default.

5 Care and Maintenance

Take note of the points noted below to ensure that you are using the phone properly and to extend the lifespan of the phone.

- Store the phone and its accessories out of the reach of children.
- Keep the phone and accessories dry, and use the phone in environments where the temperature is between -10°C and 45°C. High or low temperatures outside this range may damage the phone.
- If possible, do not use or store the phone in excessively dusty or dirty environments.
- Do not remove the warranty seal on the phone yourself, nor allow an unauthorized dealer to do so.
- Do not use strong detergents or organic solvents to wipe or clean the phone.
- If your phone or its accessories are not operating normally, contact an authorized dealer immediately.
- Use only genuine accessories such as batteries, battery charger and hands-free kit to ensure the phone's normal operation and preserve battery life, as well as protect the safety of your person and belongings. Use of non-genuine accessories will not allow your phone to achieve optimal performance, and may cause the phone to malfunction. Any malfunctions or damage caused by the use of third-party accessories are not be covered by the terms of the product warranty, and will void the product warranty.
- Avoid allowing objects that may discharge electricity to contact the charging socket on the bottom of the phone or the metal contacts on the battery, as this may cause short circuits and put you in danger.

6 Troubleshooting

If you encounter problems while using the phone, or if it performs erratically, you can consult the information in the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible cause	Solution
Poor reception	• The network signal is too weak at your current location—for example, in a basement or near a tall building-because wireless transmissions can not effectively reach it.	Move to a location where the network signal can be properly received.
	• The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	• You are too far away from a base station for your network operator.	You can request a service area map from your network operator.
Echo or noise	• Poor network trunk quality on the part of your network operator.	Hang up the phone and dial again. You may be switched to a better-quality network trunk or phone line.
	• Poor local telephone line quality.	

Problem	Possible cause	Solution
Shortened standby time	• The standby time is related to your network operator's system configuration. The same phone used with different network operators' systems will not provide exactly the same length of standby time.	If you are located in an area where signaling is weak, temporarily shut off the phone.
	• The battery is depleted. In high-temperature environments, battery life will be shortened.	Use a new battery.
	• If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.
You cannot switch your phone on.	• Battery power has been depleted.	Recharge the phone's battery.
SIM card error	• SIM card malfunction or damage.	Take the SIM card to your network operator for testing.
	• SIM card inserted improperly.	Insert the SIM card properly.
	• Debris on the SIM card contacts.	Use a soft, dry cloth to clean the SIM card contacts.

Problem	Possible cause	Solution
Unable to connect to the network.	• SIM card invalid.	Contact your network operator.
	• You are not within the network's service area.	Check the service area with your network operator.
	• Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
You cannot answer incoming calls.	• You have activated **Accept List** or **Reject List** in the **Privacy Manager** option.	Go to **Phone Book** > **Privacy Manager** and select **Off** in order to deactivate this option.
	• You have activated the **Call Barring** feature.	Go to **Settings** > **Call Settings** > **Call Barring**, and then select **Cancel All**.
You cannot make outgoing calls.	• You have activated the **Call Barring** feature.	Go to **Settings** > **Call Settings** > **Call Barring**, and then select **Cancel All**.
	• You have activated the **Fixed Dialing No.** feature.	Go to **Settings** > **Call Settings** > **Fixed Dialing No.** and select **Off** to turn this feature off.
PIN Code is blocked.	• You have entered an incorrect PIN code three consecutive times.	Contact your network operator. If the network operator provides the SIM card's PUK code, use the PUK code to unlock the SIM card.
Battery will not charge.	• The battery or battery charger is damaged.	Contact the dealer.
	• The phone's temperature is below 0°C or higher than 45°C.	Adjust the battery charging environment to avoid extremes of temperature.
	• Poor contact between the battery and charger.	Check all connectors to make sure all connections have been properly made.

Problem	Possible cause	Solution
Unable to enter information into the Phone Book.	• The Phone Book's memory is already full.	Delete unnecessary data from the Phone Book.
Unable to select certain features.	• Your network operator does not support these features, or you have not applied for services that provide these features.	Contact your network operator.

7 Appendix: Accessories

For the accessories that are compatible with your phone, refer to the list below.

Item	Model name
Li-Ion Battery	PLI-106
Travel Charger	CSB-10E
USB Data Cable	DIP-101
Car Charger	CSG-101
Handsfree Headset	HEM-105,HEM-109
Bluetooth Headset	BHM-100,BHM-110
Stereo Headset	HES-105,HES-109
Leather Case	LBB-100