Welcome to Pantech PG-3210

Thank you for choosing Pantech PG3210 and welcome to wireless mobile communication networking with the PG3210, our tri-band GSM mobile phone.

Pantech is delighted to introduce this brand new portable phone which will always keep you connected to the network.

This user manual explains in detail its unique features and how to use them.

※ Some of the contents in this User Manual could vary from your phone. It may vary depending on the S/W version and the network provider you subscribed to.

Characteristic Specification of PG-3210

1. Display

Dual clamshell 262,000 TFT LCD both internal and external.

- 28.032 mm x 35.04 mm display for 1.52" internal LCD
- 19.008 mm x 23.76 mm display for 1.0" external LCD
- True TFT colour display
- Supports up to 262,000 colours within 128 x 128 pixels
- 6 lines for text in basic mode with 16-pixel font
- Two Soft keys with four-way scroll including selection function (OK key)
- List and grid menu

2. Melody

Yamaha 64 poly sound

MP3 sound

3. Camera

Integrated VGA CCD Camera.

- Resolution up to 640 x 480 (307,200 pixels)
- Self timer function (5 sec or 10 sec)
- Phone display used as a viewfinder
- Standard, wide (portrait) modes on external viewfinder

- Photo album in Gallery
- Photo Gallery for image storing and editing
- 3 image quality options: Fine, Normal, Low
- Flash light supported

4. Dimension & Weight

- Weight: 70 g
- Dimensions: 70 mm x 43 mm x 18 mm

5. Power Management (Performance)

Battery Type	Capacity	Standby Time	Talk Time
Standard (Li-ion)	730 mAh	160 Hours	2.5 Hours

6. Operating Frequency

- EGSM 850, GSM 1800, and GSM 1900 networks in Europe, Africa, Asia-Pacific, North America, and South America where these networks are supported
- Automatic band switching

Views of Pantech PG-3210

Earpiece

Internal display

Volume up/down
Menu Scroll

External display

Left Soft key

Right Soft key

4-way Menu Navigation
Special Menu Short key

WAP Access key
Select/Menu Confirm key

Flash Light

Power On/Off
Menu exit kev

Dial key
Call Accept

Cancel/Back
Text Clear/Edit exit key

Camera

Voicemail

Alphanumeric Key

Key Lock/Unlock

Vibration Mode

Microphone

Quick & Easy

Keys	Functions
⬯ ⬯	Performs the functions shown at the bottom line of the display.
	Scrolls through the menu options in Menu mode. In standby mode, Left key (🔳): Favorite list screen Right key (✉): Messages menu screen Up key (🎵): Ring Tone Profiles setting menu for sound change. Down key (📖 변경필요): Camera snap shot For details, see "Using the Shortcut Key in Standby Mode".
i	Opens the WAP (Wireless Application Protocol) menu list if pressed shortly in standby mode Launches the WAP browser directly, if pressed and held in standby mode. Selects menu function or stores user input information, such as names, SIM memory. Also used for confirmation.
C	Deletes characters from the display, or returns to previous menu. Opens Calendar view if pressed shortly in standby. Immediately starts camera capture mode if pressed and held.
📞	Sends or receives a call. Shows the recent call list in standby mode. Re-dials the last call number if pressed and held in standby mode.
☎	Completes the current call. Turns on/off the phone if pressed and held. Cancels user input and returns to standby mode while in Menu mode.
1 ∞	Quickly connects to the voice mail server if pressed and held in standby mode.
0 ± ~	Enters numbers, letters or special characters. Goes to the dial screen if pressed in standby mode.
9 wxyz	
* ⁊.	Enters or exits from Vibration mode if pressed and held in standby mode. Shows the symbol input screen if pressed in text input mode. Works in Word search mode if pressed in the Predictive text input mode.
0 ±	Enters an international dialling prefix. Enters the space character in text input mode.
# ✿	Locks or unlocks the phone if pressed and held in standby mode. Changes various text input modes if pressed and held at the text-editing screen.
🔼 🔽	Adjusts the earpiece volume while making a call, and moves the cursor upwards or downwards in the menu. Controls the key tone volume in standby mode if the phone flip is opened, and moves the cursor upwards or downwards in the menu. Turns camera preview mode on if up volume key is pressed and held in standby mode. Cancels camera preview mode in standby mode.
▯	Turns camera capture mode on. Works as a camera shutter in capture mode. Turns Video Mode on if pressed and held.

Safety Precautions

Using a phone while driving is prohibited.

Please check local laws and regulations with regard to the prohibition of phone usage while driving, and comply with them.

- Use of your mobile phone while you are driving may disturb your concentration and consequently cause accidents. Please turn it off as soon as possible.

- Should you use your phone in an emergency, please make use of the hands free device built in your car, or pull your car over to a safe place for your utmost safety.

- The electronic wave energy emitting from your phone may affect the electronic devices built in your car. Please be aware of this characteristic.

Mobile Phone Use Restriction Area

Make sure to turn your phone off in a phone usage restricted area.

Using a Phone in an Explosive or Dangerous Area is not Permitted

Please turn your phone off in areas with explosive or dangerous materials (such as fuel, fuel stations, or places with chemical goods) and abide by any instructions or signals. Never try to detach your mobile phone battery from the phone in such areas.

Boarding an Aircraft

- Please turn your phone off when you are on the aircraft. The electronic wave from your phone may affect the electronic navigation device in the aircraft.

Using Medical Equipment

- Please turn your phone off while you are in a hospital.

- Please abide by the regulations or rules of the hospital.

- Please turn off your phone when using medical equipment for private purposes if possible. You should consult with the manufacturer or an expert regarding phone usage near medical equipment.

Installing a Vehicle Hands Free Device

- Please keep the vehicle hands free device away from the steering, and air bag expansion range, or otherwise injury may result.

Effect of Mobile Phone and Electronic Devices

Some electronic devices may be affected by the electronic wave emitting from the mobile phone in service. Please be careful.

Menu Tree

7

---

[*] SIM Dependent

[**] Network Dependent

8

* SIM Dependent

* SIM Dependent

Table of Contents

Ⅰ. Getting Started

1. Package Contents

2. Internal & External Displays

3. SIM Card

4. Using the battery

Phone   Travel Charger

Battery   User's Manual
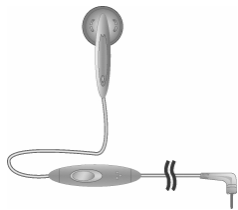
Headset   Hand Strap

※ The contents can be vary by regions.

2. Internal & External Displays

This phone has 2 displays (internal and external) and icons on the top of

the display indicate the phone status.

2.1 Internal Display

Icons Area

Text and Graphic Area

Display in standby screen with information
Area Information through cell broadcast service
Network Name
Time and Date, or Standby Softkey Indications

Softkey Indication

Icon(s)	Description
	Shows received signal strength. The greater the number of bars, the stronger the signal.
	A call is being made.
	Outside the coverage area, you cannot make or receive a call.
	You have a new voice message.
	You have a new text message. If the text message memory is full, the icon will look like
	You have a new multimedia message. If the multimedia message memory is full, the icon will look like
	Out of the home network range.
	Within the GPRS range. When a GPRS session is in progress, the icon will look like
	Call diverting feature is activated
	You have set the alarm.
	You have set the schedule with an alarm notice at a specified time
	The Infrared port is activated. During data transmission through the Infrared port, the icon will look like
	You have set the alert type for incoming call to ring only.

14

🎵		You have set the alert type for incoming call to ring ascent.
🎵		You have set the alert type for incoming call to ring and vibrate.
🎵		You have set the alert type for incoming call to vibrate then ring.
🎵		You have set the alert type for incoming call to quiet (7- colour LED flashes for incoming call alerting).
📱		You have set the alert type for incoming call to vibrate only.
📱		You have set the alert type for all tones to quiet and for all rings to vibrate only.
🎧		Headset is connected.
📷		Auto-answering feature is activated.
🔋		Battery level. The bar indicates the available battery charge. If your battery charge is low, this icon will look like 🔲

Display Off Mode.

If you do not press any key within a minute while the internal and
external displays are dimmed, the internal display goes into Off Mode to
save power. Press any key to restore the display.

Selecting Functions and Options.

The phone provides several customisation functions, which are arranged
in menus and sub-menus. You can access these functions using the
three Soft keys ([⌒], [⌒] and [**OK**] key).
Each menu and sub-menu allows you to view and change the settings of
the particular function.
The soft key function varies depending on the current context; the labels

or icons at the bottom line of the display indicate the current function.

To view various functions/options available or select the one that is
required:

1. Press the appropriate Soft key.
2. To select the function displayed or option highlighted, press the
[⌒][⌒] **Press a** Soft key or the [**OK**] key.
3. To highlight the next option on a list, press the Up key or Down key.
4. To move back to the previous function or option on a list, press the [C]
key

5. To return to Standby Mode, press the [🔘] key.

In some functions, you may be prompted for a password or PIN. Enter
the required code and press the [**OK**] key.

2.2 External Display

You can use several menus even though the folder is closed.
The following section describes the external display screen and easy-to-
control external menus and their functions.

Side Up	- Adjusts the earpiece volume and moves the cursor up in the menu during a call. - Mutes the ring tone if pressed upon an incoming call. - Rejects the incoming call if press and hold upon an incoming call and the phone flip is closed

	- Answers the incoming call if press upon an incoming call and the phone flip is opened - Turns the flash on if pressed and held. - Starts scrolling if pressed while in the external menu screen.
Side Down	- Adjusts the earpiece volume and moves the cursor down in the menu during a call. - Mutes the ring tone if pressed upon an incoming call. - Rejects the incoming call if press and hold upon an incoming call and phone flip is closed - Answers the incoming call if press upon an incoming call and the phone flip is opened - Goes to the external menu screen if pressed and held (Shown with Profiles/Recent Calls/Inbox/Infrared Port) - Starts scrolling if pressed in the external menu screen.
Extra Key	- Turns the camera capture mode on, if pressed and held. - Works as a camera shutter in the capture mode. - Selects a menu or moves to the sub-menu, if pressed while in the external menu. - Exits from the menu screen and returns to the standby screen if pressed and held while in the external menu screen.

External Menu List

Press and hold the side volume [ ] key in standby mode.

📂 **Profiles**: Selects a menu among Normal, Silent, Meeting, Outdoor, or Car.

📂 **Recent Calls**: Lists the recent calls.

📂 **Inbox**: Lists incoming SMS messages.

📂 **Infrared Port**: Activates or deactivate the infrared port.

Side Key Special Functions.

ⓘ **Snap   Shot**

Close the folder to initiate the camera function.

Press and hold the side [Up] key to activate the snapshot mode.

Press the [up] key again to take a photo. And then, the image taken will be displayed on the screen. At this time, press the [up] key to save the picture with auto naming. After saving the

picture, move to standby mode. In the View mode, press the [ ] side key to return to the camera capture mode.

At this time, press the [down] key to move to standby mode.

ⓘ **Flashlight   on**

You   can   use   the   phone   as   an   emergency   light.

Press and hold the Side volume [ ] key in standby mode. The camera flash is lit automatically for 10 seconds. Press the

[ ] key or the [ ] key to turn the flash off

16

3. SIM Card

3.1 SIM Card

When you subscribe to your network operator, you will get a SIM (Subscriber Identity Module) card containing your registration information. (PIN), the existence of additional service, etc.

Like a credit card, it should be kept secure and handled carefully.

Do not bend, scratch or expose it to moisture.

Avoid static electricity.

To avoid memory corruption of your SIM card, always switch off your phone before removing or inserting your SIM card.

3.2 Installing/Removing the SIM card

1. Remove the battery from the unit.

2. If the SIM slot is empty, insert the SIM card into the slot.

3. If you want to remove the SIM card, push the SIM card in the arrow direction as shown in the picture below.

4. Using the battery

4.1 Installing the battery

Put the contacts of the battery into the hole located at the bottom of the unit, as shown in the figure below.

Press the upper side of the battery until you hear a "click" sound.

4.2 Removing the battery

Push the battery lock button up and remove the battery.

4.3 Charging the battery

- This phone uses a Li-ion battery. Make sure to use an authorised battery and charger only. For more details, please inquire at your nearest dealer.
- You can use the phone during battery recharging.
- When the battery is mounted within the phone, open the cover located at the bottom of the phone and connect the adapter. An adapter is provided with the phone.

- If recharging is completed, detach the adapter connection from the outlet.

Tip

Your phone is powered by a Lithium Ion (Li-ion) battery.

You can use the following Li-ion battery types for your phone. (Contact your local dealer for more information.)

Standard-type battery.

4.4 Precautions while Using the Battery

- Do not use a damaged battery or charger.

- Use the battery for the specified purpose only.

- The closer you are to the base station, the longer the phone usage time because less battery power is consumed for the connection.

- Battery charging time varies depending on the remaining battery capacity and the battery and charger type in use.

- Battery life is shortened as time passes by.

- Use an authorised battery and charger only.

- Since overcharging may shorten battery life, remove the battery from its charger once it is fully charged. Unplug the charger, once charging is complete. Leaving the battery in hot or cold places, especially inside a car in summer or winter, may reduce the capacity and life of the battery. Always keep the battery within normal temperatures.

- Do not earth the battery. Earthing may occur when the battery is in contact with a conductive object. An earthed phone may also damage the battery.

- Dispose and recycle used batteries in accordance with local regulations.

- Do not dispose of the batteries in a fire.

- Do not use an unauthorised charger.

- In order to prevent injury or burns, ensure that metal objects do not come into contact with the + and – terminals of the battery.

II. New Functions

1. Video Caller ID

2. Setting MJPEG for Idle Screen

1. OTA Settings Service

2. DRM/ Forward Lock

1. Video Caller ID

Save the video clip of a contact or other video clips. Select and set a video clip to the corresponding contact in the address book. When a call is received from the contact, the corresponding video clip will be played on the screen. You can use one of two setting methods.

1.1 Contacts

①　Select 'Menu>2.Contacts>2.Add Contact'

　②　Select '2.Phone' option under 'Save to' option and input the appropriate information in all the fields.

③　Press the [⊠] navigation key in the image saving menu, and the 'Add Contact' popup will appear.

④　Select '3.Take a Video' (For further details, see **Applications Menu 4.1.4**) or '4.Video Gallery' (For further details, see **Applications Menu 4.2.2**) to specify the video file.

⑤　The selected video will play when a call is received from the corresponding contact.

1.2 Fun & Tools

①　Select 'Menu>4.Fun&Tools>1.Camera>2.Take a Video' and save the video. (For further details, see **Applications Menu 4.1.4)**

②　Select 'Menu>4.Fun&Tools>1.Camera>4.Video Gallery' or 'Menu>4.Fun&Tools> 2.Media Gallery>2.Video Gallery'. (For further details, see **Applications Menu 4.4.2**)

③　Select the Video Album and press the [**Option**] soft key [⊂⊃]

and select [**Set as**].

④ Select '2.Contact' when the 'Set as' pop up appears, and select the target person and press the [ ] button. (At least one person should have been already stored in Contacts.)

⑤ The selected video will appear when a call is received from the corresponding number.

2. Setting MJPEG for Idle Screen

You can set a video file to play on the screen when the phone is idle.

① Select 'Menu>4.Fun&Tools>1.Camera>2.Take a Video' and save the video. (For further details, see **Applications Menu 4.1.4**)

② Select 'Menu>4.Fun&Tools>1.Camera>4.Video Gallery' or 'Menu>4.Fun&Tools> 2.Media Gallery>2.Video Gallery'. (For further details, see **Applications Menu 4.2.2**)

③ Select the Video Album and press the [**Option**] Soft key [ ] and select [**Set as**].

④ Select '1.Wallpaper' when the 'Set as' pop up appears.

⑤ The selected video will play on the screen when the phone is idle.

1. OTA Settings Service

1.1 WAP/ OTA Provisioning

In order to use the WAP Browser, you need to have proper connection settings on your phone. You may add and/or edit the WAP Profile manually or receive the settings directly as a configuration message according to the operators and/or service providers, at the latter case you need to save them on your phone.

Please note that there should be some on-screen steps you need to follow to save and activate the settings.

Please also note that the compatibility to Ericsson/Nokia
WAP Provisioning OTA has been made.

2. DRM/ Forward Lock

2.1 DRM/ Forward Lock

Your phone supports a Digital Rights Management (DRM) system
to protect acquired content. A piece of content, for example
ring tones, wall papers, etc. can be protected by Forward Lock,
which means the protected contents cannot be forwarded to other
devices including other phones and desktops.

Please note that you should and shall be informed by the service
provider before and/or when you try to download such protected
contents.

III. Basic Functions

1 Switching the Phone On or Off

2. Making a Call

3. Answering a Call

4. Calling Options

5. Using the Earpiece

6 Selecting Menu Functions

7. Entering Text

1. Switching the Phone On or Off

1.1 Switching the Phone On

① Open the folder.

② Press the [ ] key until the phone switches on.

③ If the phone requests you to input a PIN, enter the PIN and press the [OK] Soft key. (For further details, see **Applications Menu 6.8**)

Your phone starts to search for an available network and the current date and time will appear on the internal and external displays. Once connected to the network, you can send or receive a call.

If a malfunction occurs while using the phone or it is not turned on, remove the battery and install it again after 5 or 10 seconds.

Note: To change the language, use the Language menu option (For further details, see **Applications Menu 6.4**)

1.2 Switching the Phone Off

To switch the phone off, press the [ ] key until the power-off animation displays.

2. Making a Call

2.1 Making a Call

Enter the area code and the phone number to make a call in standby mode, and press the [⊙] key.

Note: If you have set the [**Auto Redial**] option (For further details, see **Application Menu 6.3.3**) to [**On**], the phone will attempt to make a call automatically for up to 10 times if it is not answered.

To clear the last digit displayed, press the [**C**] key.
To clear the all digits displayed, press and hold the [**C**] key.

2.2 Ending a Call

When you want to finish your call, press the [⊙] key or close the folder.

Once the call is completed, a call summary (Recipient Name or Number, Service Time) will be displayed.

2.3 Using Call Logs

The phone stores up to 30 dialled, received or missed calls chronologically. The last call is saved in the first position. If the same number was dialled more than once, only the latest occurrence will be saved.

① Press the [⊙] key to see the call log list aligned dialled, chronologically.

② Press the [**Up/Down**] key to select a number.

③ Press the [⊙] key for dialling.
(For further details, see **Applications Menu 3**)

* **Tip**: Press and hold the [⊙] key to redial the last number in the call log.

2.4 Using Contacts

You can store frequently used names and phone numbers in the SIM card or the phone memory, which are called Contacts. You therefore do not have to remember all your phone numbers; simply select the name to recall the associated number.

① Press the [⎯] key and the [▥] key in the standby screen to access the '2 Ph. Book' Menu and 'Name Search' List respectively

② Select a number from 'Name Search'.

③ Press the [⊙] key for dialling. (For further details, see **Applications Menu 2**)

2.5 Making an International Call

① Press and hold the [**0**] key for the international prefix until the '+' character appears on the display or enter the outgoing national code.

② Enter the country code, area code and phone number you want to make a call to.

③ Press the [] key.

2.6 Speed-dialling from Contacts

Press and hold the 'Speed Dial' number to make a call using the number you have saved. For example, press the "5" key longer to dial a number which has been saved as "5" in Speed Dial List.

For speed dial numbers longer than 2 digits, press the first one and then press and hold the second one.

(For further details, see **Applications Menu 2.5**)

2.7 Making an Emergency Call

You can make an emergency call without the SIM. Enter 'Emergency Number'. Then press the [ ] key, or, press the [**SOS**] Soft key if no SIM Card is available.

3. Answering a Call

3.1 Answering a Call

When you receive a call, the phone rings (or vibrates) and the screen will display the name or the number of the caller (if the network supports the function and you have subscribed to it).

If the caller can be identified, the caller's phone number or name will be displayed if it is stored in your Contacts.

① To answer a call, open the folder.

② If it is already open, press the [⌣] key.

Tip: If the answer type is set as [Any Key], you can answer a call by pressing any key except the [⌣] key.

3.2 Viewing Missed Calls

If the incoming call could not be answered, a missed call message will appear on the screen to remind you of the call you have missed (Network and subscription dependent feature, not necessarily available in all areas)

To reply to the missed call;

① Keep the folder open.

② Press the [View] Soft key to display a list of missed calls.

③ If necessary, scroll to the number you want by pressing the

[Up/Down] keys.

④ Press the [⌣] key to call the missed call.

Press the [C] or [⌣] key to close the missed call notification message

3.3 Rejecting a Call

Press the [⌣] key or the [Reject] Soft key when the folder is open. If the [Reject] Soft key is pressed, the caller will receive a busy line tone.

When the folder is closed, press and hold the [Side Up/Down] key during an incoming call

3.4 Adjusting the Calling Volume

If you wish to adjust the earpiece volume during a call, use the volume keys on the left side of the phone.

Press the [Side Up] key to increase the volume level and the [Side Down] key to decrease it.

The current volume level will be displayed on the screen.

In standby mode with the folder open, you can adjust the key tone volume using the [Side Up/Down] keys.

4. Calling Options

During a call, press the [⌣] key to show the call options.

4.1 Switching the Microphone Off (Mute)

You can temporarily switch your phone's microphone off so that the person you talk to on the phone cannot hear you.

For example, you may wish to say something to another person in the room but do not want the person calling to hear you.

Press the [Mute] Soft key,

Or, select Options followed by 'Mute' to activate the Mute function.

To switch the microphone back on:

Press the [Unmute] Soft key.

Or, press the [Option] Soft key and then press the [Select] Soft key or the [OK] key, when [Sound] highlights.

4.2 Holding a Call

You can place a current call on hold whenever you want. You can make another call while you have a call in progress if your network service provider supports this service. Of these two calls, one is active and the other is on hold and you can switch between the calls.

To place a call on hold, simply select the [Option] Soft key followed by [Hold], or press the [ ] key.

You can reactivate the call whenever you want by selecting [Option] followed by [Retrieve].

Once a call is held, the name and icon of the caller will fade to grey.

To make a call while you have a call in progress:

① Enter the phone number that you want to dial or look it up in Contacts.

② Press the key to dial the second call. The first call is automatically put on hold.

To switch between two calls, simply press the [Swap] Soft key.

The current call is placed on hold and the call on hold is reactivated so that you can continue your conversation with the other person.

If you want to finish, complete each call normally by pressing the [ ] key.

4.3 Answering a Second Call

You can answer an incoming call while you have a call in progress, if your network service provider supports this service and you have activated the [Call waiting] option (For further details, see **Applications Menu 6.2.4**). You will be notified of an incoming call by a call waiting tone.

To answer a call while you have another call in progress:

① Press the [ ] key to answer the incoming call.

② The first call is automatically put on hold.

③ To switch between two calls, press the [Swap] Soft key.

To end the current call, press the [ ] key.

The call on hold is automatically reconnected to you.

4.4 Searching for a Number in Ph. Book

You can search for a number in your Ph. Book during a call.

① Press the [**Option**] Soft key.

② If necessary, press the [**Up/Down**] key to highlight the [**Ph. Book**] option. Press the [**Select**] Soft key.

③ Select the preferred search types like Name, Group, or Photo.

④ Press the [**OK**] Soft key.

⑤ The Contacts entries are displayed.

⑥ Enter the first letters of the name for Name Search.

⑦ The Contact entries are displayed starting with the first entry matching your input.

Note: You can also scroll through Contacts from the beginning, by pressing the [**Up/Down**] key.

⑧ To view the highlighted entry, press the [**OK**] Soft key.
(For further details, see **Applications Menu 2**)

4.5 Using DTMF Tones

You can turn the DTMF key tones off or on during a call.

When the [**DTMF Off**] option is selected, your phone does not transmit the key tones. It allows you to press keys without hearing annoying key tones during a call.

To communicate with answering machines or computerised telephone systems, the [**DTMF On**] option must be selected.

4.6 Transferring a Call

You can transfer the current call to the call on hold if your network service provider supports this service, so that callers can talk to each other. You will be disconnected from both of them.

① During a call, answer or make a call in the normal way, and press the [**Option**] Soft key.

② Press the [**Up/Down**] key to select the [**Transfer**] option and press the [**Select**] Soft key or [**OK**] key.

The two people will be connected to each other.

4.7 Using the Message Service

You can read or write a new message during a call.

① Press the [**Option**] Soft key.

② Press the [**Up/Down**] key to highlight the [**Messages**] option. Press the [**Select**] Soft key or the [**OK**] key.

③ To read a received message, select the '**Inbox**' submenu, and then scroll to the message that you want to read.

④ To write a new message, select the '**Write New**' submenu.

⑤ Press the [**OK**] Soft key.

(For further details, see **Applications Menu 1.1**)

4.8 Making a Multi-party Call

A multi-party call feature is a network service that allows up to six people to take part in a multi-party or conference call simultaneously. For more information, contact your service provider.

To make a multi-party call;

① Call the first participant in the normal way.

② Call the second participant in the normal way. The first call is automatically put on hold.

③ To join the first participant to a multi-party call, press the [**Option**] Soft key and select the [**Join All**] option.

④ Press the [**Select**] Soft key or [**OK**] key.

⑤ To add a new person to the multi-party call, call the person in the normal way. Then, press the [**Option**] Soft key and select the [**Join All**] option.

⑥ Press the [**Select**] Soft key or [**OK**] key.

You can add incoming callers by answering the call and selecting the [**Join All**] option. Repeat the above steps as needed.

Upon organising a multi-party call, you may view the people and their status in Multiparty with the [**Left/Right**] key.
An icon indicates either Far Multiparty or Far Hold.

Having a Second Call During a Multi-party Call

To answer or make a call when you have the multiparty call:

① To place the multi-party call on hold, press the [**Option**] Soft key and select the [**Hold All Calls**] option.

② Answer or make a call in the normal way.

③ You can reactivate the multi-party call on hold by pressing the [**Swap**] Soft key.

④ To end the multi-party call, press the [🔘] key.

Having a Private Conversation with One Participant

① Press the [**Option**] Soft key and select the [**Private**] option. Press the [**Select**] Soft key or [**OK**] key.

② Press the [**Up/Down**] key to highlight a participant and press the [**OK**] key.
Now you can talk privately with that person. The other participants can continue the conversation with each other

③ To return to the multi-party call, press the [**Option**] Soft key and select the [**Join All**] option.

④ Press the [**Select**] Soft key.
All of the multi-party call participants can now hear each other.

Removing One Participant

① Press the [**Option**] Soft key and select the [**Exclude**] option.

② Press the [**Up/Down**] key to highlight a participant and press the [**Select**] Soft key or the [**OK**] key.

The call ends with that participant, but you can continue to talk with other participants.

③ Complete the multi-party call by closing the folder or pressing the

[] key.

5. Using the Earpiece

You can send or receive a call without touching the phone, using the headset.

When you connect the headset to the jack located at the top of the phone, the button on the headset works as described below;

- To show the recent calls, press the button in standby mode
- To redial the last call, press the button twice in standby mode
- To answer a call, press the button when you receive a call
- To complete a call, press and hold the button when you have finished a call

6. Selecting Menu Functions

6.1 Entering into Menu Functions

Key	Function
⬭	Goes to the main menu in standby mode.
⬭	Goes to the Searching View Names
[✱], [✉] key	Moves within the main menu.
[♪], [📖] key	Searches for the sub-menu.
[🛈] key	Goes to the sub-menu. Goes to the WAP menu in standby mode

Press the 4-way navigation keys in the main menu to move the menu.

See the bottom of the Sub Menu List to check the current setting values in the sub-menu.

Then, press the [**Left/Right**] key followed by the [**OK**] key to change the preset menu value.

If you do not press the [**OK**] key, the new value will be cleared without saving..

Note: Press the [**C**] key to return to the previous menu.

Input the menu number to access the sub-menu quickly.

6.2 Using the Shortcut Key in Standby Mode

Key	Menu selected if pressed	If pressed and held
⬭	Menu	Goes to the main menu in standby mode.

⬭	Ph. Book	Goes to the Searching View Names
[✉] key Navigation [RIGHT] key	Messages	Displays 'Message" menu
[♪] key Navigation [UP] key	Ring Tone	Displays ring tone setting mode
[🛈] key	WAP	Goes to the WAP menu in standby mode
[✱] key Navigation [LEFT] key	Favorites	Favorites menu
[⌒c⌒] key	Calendar Monthly View	Camera capture mode
⌒	Recent Calls	Redial last call
Navigation [DOWN] key	Camera	Camera Capture mode

7. Entering Text

7.1 Input Mode

On many occasions you need to input text while you are using your phone, (e.g., storing a name in the Ph. Book, writing a new message, creating your greeting or scheduling events on your Scheduler).
The available text input modes include.

T9 mode

You can input a letter using only one keystroke per letter. The keypad has more than one letter on it – when you press the **5** key once, J, K or L may be displayed.
The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the conventional Multi-tap mode.

ABC mode

In this mode, you can input the letter you want by pressing the keypad once, twice, three or four times until the target letter appears.

123 mode

You can input a number in this mode.

Symbol mode

You can input the special characters like Greek letters, currency units, or a period mark in this mode.

7.2 Changing Text Input Mode

When you are in the area where you can input the text, the text input mode indicator will be displayed at the bottom of the display.

Example: Entering a memo.

The number of remaining characters you can enter.

Editing area

The current text input mode and language.
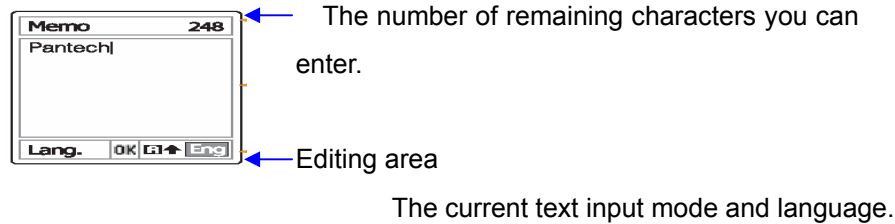
To switch to other text input modes:

① Press the right Soft key indicating the current text input mode.

② Toggle to the mode you want to use by pressing the [⬡] right Soft key.

The '**Language select**' option allows you to change the text input language.

Inserting a Space

To insert a space between words, press the [**0**] key.

Or, at the end of line, press the [**Right**] key to add a new space character.

Scrolling

To move the cursor to the left or right within the text, press the [**Left/Right**] key. And also, to move the cursor to the up or down among the lines, press the [**Up/Down**] key.

Note: By pressing the [**Side Up/Down**] key, the cursor can be moved very quickly to the beginning or the end of the text.

Clearing Letters and Words

To clear the letter to the left of the cursor, press the [**C**] key.

You can clear all of the letters on the display by pressing the [**C**] key longer.

Returning to the Previous Screen

When the text input field is empty, press the [**C**] key to return to the previous screen.

TIP: To change the text input mode quickly

[*] Press long	Shows symbol screen.
[0] Press short	Enters a space Character
[#] Press shprt	Changes the text input mode
[C] Press short	Deletes characters one by one. Returns to previous screen after deleting all characters.
[C] Press long	Deletes all characters and moves the cursor to the beginning of the input screen.

7.3 Using T9 Mode

```
┌─────────────────────┐
│ Memo          250   │
├─────────────────────┤
│ HELLO               │
│                     │
│                     │
│                     │
│                     │
├─────────────────────┤
│ Lang.  OK ⊘↑ Eng   │
└─────────────────────┘
```

In the T9 alphabet Editor, each word is composed completely as you input the text.

① Press the keys numbered [**2**] to [**9**] to input text. For example, press [**4**][**3**][**5**][**5**][**6**] in sequence to input 'hello'. The word you are typing appears on the display. It may change with each key you press.

② Enter the whole word before editing or deleting any keystrokes.

③ Upon searching a word, input the next text.

④ If the search fails, press the [⬅] key to search which text can be typed in. The phone displays the most commonly used choices first.

⑤ Continue entering the next word.

7.4 ABC Mode

```
┌─────────────────────┐
│ Memo          248   │
├─────────────────────┤
│ Pantech|            │
│                     │
│                     │
│                     │
│                     │
├─────────────────────┤
│ Lang.  OK ▯↑ Eng   │
└─────────────────────┘
```
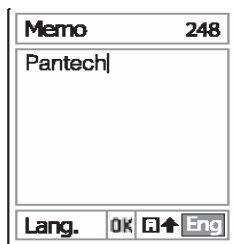
When typing in Multi-tap mode, press the key labelled with the target letter:

- Press the key once for the first letter.

- Press twice for the second letter.

Example: To display the letter "C", quickly press the [**2**] key three times. To display the letter "K", press the [**5**] key twice. This method is called Multi-tap typing.

Note: The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just press the Right key or wait a few seconds for the cursor to move to the right automatically, and then enter the next letter.

Refer to the table for more information about the characters available. The characters vary, depending on the text input language.

Changing Case

To change the case of the next letter(s) that you type, press the [#] key.

There are three cases:

- Lower case (no indicator)

- Initial capital (⬆)

- Capital lock (⬆)

[English]

KEY	Characters in displayed order

1	. , - ? ! ' @: 1
2	a b c 2
3	d e f 3
4	g h i 4
5	j k l 5
6	m n o 6
7	p q r s 7
8	t u v 8
9	w x y z 9
0	Space 0

[Spanish]

KEY	Characters in displayed order
1	. , - ¿ ? ¡ ! @ 1
2	a b c á 2
3	d e f é 3
4	g h i í 4
5	j k l 5
6	m n o ó ñ 6
7	p q r s 7
8	t u v ú ü 8
9	w x y z 9
0	Space 0

[Portuguese]

KEY	Characters in displayed order
1	. , - ? ! ' @ : 1
2	a b c ç ã á à â 2
3	d e f é ê 3

4	g h i í 4
5	j k l 5
6	m n o õ ó ô ñ 6
7	p q r s 7
8	t u v ú ü 8
9	w x y z 9
0	Space 0

[Russian]

KEY	Characters in the displayed order
1	. , - ? ! ' @: 1
2	а б в г ґ 2
3	д е ё ж з є 3
4	и й к л і ї 4
5	м н о 5
6	п р с 6
7	т у ф х 7
8	ц ч ш щ ъ 8
9	ы ь э ю я 9
0	Space 0

7.5 Using 123 Mode
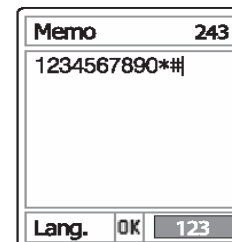
The number mode allows you to enter numbers into the text. Press the

35

key corresponding to the digit you want to enter.

7.6 Using Symbol Mode

The symbol mode allows you to enter symbols into your text.

To display more symbols, press the [Up/Down] key.

To input a symbol, press the number for a symbol, and the text will appear in the input screen.

Press the [#] key longer or the [⬭] Soft key to escape from Symbol mode.

If you entered a symbol with the hot key ([#] long key), press the key again to return to the previous mode.

Press the [⌣] key to proceed to a mode next to the Symbol mode.

If you entered a symbol with the [⌣] key, press the key again to proceed to next mode from Symbol mode.

Ⅲ. Applications

1. Messages

2. Ph. Book

3. Call Logs

4. Fun & Tools

5. ProfilesSounds

6. Settings

7. Organizer

1. Messages

Select 'Menu>1.Messages'.

This menu allows you to create, send, read and save a message using Short Message Service (SMS: Text message), Cell Broadcast Service, Enhanced Message Service (EMS: Message including simple image, animation or melody), Multimedia Message Service (MMS: Message supporting presentation of various media types, such as full colour images and polyphonic ring tones).
Voice mails are also available.

Note: These features are available only if your service provider's network supports it. Contact your service provider for more information.

Multimedia Messages

Multimedia Message Service (MMS) is a messaging service quite similar to Short Message Service (SMS). It provides asynchronous delivery of personal multimedia messages.
Adding to the familiar text content of the text message, the multimedia message can contain an image, graphic, and/or sound.
The MMS message is a separate multimedia presentation in a single entry, not an attachment to the text file.
Using the MMS feature, your phone can receive and/or a multimedia message and/or send a picture message, depending on MMS availability from your service provider. Only the phone that supports the multimedia message feature can receive or display the multimedia message.

Short Message Service

Short message service (SMS) allows you to send and receive a short text message to and from other GSM phones.
Additionally, your phone supports Enhanced Messaging Service (EMS), which allows you to make a short message consisting of a simple picture, melodies, animation and styled text that add new features to simple text messages.
To send a text message by phone, you must obtain the number of the SMS centre from your service provider.

Cell Broadcast Service and Voice mail

Broadcast message service allows you to receive a broadcasting information as Newsflashes, Weather, …from GSM network. Voice mail message also receive.

Receiving a new message

When you receive a new message, the New Message icon () and a notification showing the number of the message will appear on the display. You will also hear an alert, depending on the message sound setting. (For further details, see **Applications Menu 5.3**)

To read the new message(s) immediately, press the [**ViewRead**] Soft key or [OK] key. The list of messages appears.

Note: To clear the new message notification on the display, press the [**End**] or [CLR] key. When you have also a missed call, voice mail, short message, or cell broadcast messages, the left Soft key indication changes to [View] or [Read].

Managing memory

The Inbox and Outbox share a given amount of memory on a SIM card. The Inbox, Outbox, Sent, Drafts and Template share a given amount of memory on phone. In case of SMS Inbox, messages can be saved on a phone or phone, depending on the SMS settings. Even though "Save to" in the SMS settings set to "SIM", received messages will be saved in the phone memory if SIM capacity is full. When the SMS memory or Inbox list is full, the full message icon (⬛) appears. In case of SMS full, you cannot receive new SMS message. When Inbox list is full, you cannot receive any new message. You must delete one or more old messages to free memory for new messages, using the [**Delete**] option within the Inbox or Outbox or the [Delete All] option which deletes the All list.

- **Write New**: Writes a new Picture Msg (MMS) or EMSText Msg (SMS)
- **Inbox**: Displays the received messages in the SIM and Phone memory. as well as the ones saved in the SIM memory. '10' in [**10/20**] represents the number of unread messages, whereas '20' represents the number of saved messages.
- **Outbox**: Displays the message you have saved in the SIM Phone memory. [10] represents the total number of messages saved in the Outbox.

- **Saved box**: Stores Inbox and Outbox in the phone memory. [**10**] represents the total number messages in the Save box.
- **Drafts :** Displays the list of messages stored during writing message.
- **Sent** : Stores messages in the phone memory after sending message
- **Text Templates**: Displays the default and your saved templates.
- **Settings**: Sets up the messages environment.
- **Memory Info**: Displays the free space of the SIM or phone memory.

1.1 Write New

1.1.1 Picture Msg

Select 'Menu>1.Messages>1.Write New>1.Picture Msg' and press the [**OK**] key.

(1) [Edition Options] page will be displayed, and you can write a message composed of text images or a melody some kinds of item format(image, sound, photo, and template) as well as just only text using this menu. Select one of the following options using the [Up/Down] key.

[1] Add Text
Enters a new message. (For further details, see **Basic Functions Menu 7**)
[2] Edit Subject
Edits or modifies the subject.

(For further details, see **Basic functions Menu 7**)

[3] Add Image

Adds an image to the Image Box. Press the [**OK**] key to select the image when the image list appears. (For further details, see **Application Menu 4.2.3**)

[4] Add Sound

Adds a sound to the Sound Box. Press the [**OK**] key to select the sound when the sound list appears. (For further details, see **Application Menu 4.2.1**)

[5] Add Photo

Adds a photo to Photo Album. Press the [**OK**] key to select the phone when the photo list in each folder appears. (For further details, see **Applications Menu 4.2.4**)

[6] Add Template

Adds an MMS message template . This feature is available only when no item is in the slide. With more than one slide, Add Template will not be available.

(2) After writing message, Press [OK] Key. Press the [**Option**] Soft key [⬭] to use the following options.

[1] Delete Text

Deletes the selected object from the slide page.

[2] Add objects

Add image, photo, sound, and slide objects

[3]Preview

Shows the message as it appears on the recipient's phone.

[4] Save as Draft

Saves messages in the phone memory

[5] Slide Timing

Set the time duration that the received message is displayed. The display automatically scrolls to the next slide page after the specified time.

[6] Edit Subject

Edits or modifies the subject. (For further details, see **Basic functions Menu 7**)

[7] Edit Text

Edits the selected text.

[8] Page Layout

Arranges the image and text display position in the slide page. You can set 'Image at Top' or 'Text at Top'.

(3) Sending and saving a message

When you finish creating the message, press the [**OK**] key.

- **Send**: Send the message out with the [Ok] button
- **Subject** : Enters the subject of message
- **To** : Enters the recipient phone number manually
- **CC :** Enter company couple.
- **BBC :** Enter blind carbon copy
- **Priority :** Set the priority of message
- **Pay for reply :**

If the phone number entry is empty, input the recipient's number. You can also search for a number in Contacts by pressing the [**Add address**].

To send the message to several recipients (up to 5 recipients).

When you finish entering the recipient, press the [**OK**] key.

Note: If the size of the MMS exceeds the transmission limit, an information message will appear. Even though you forget to save the outgoing message, it will be automatically saved in the Sent box if transmission is success. .

1.1.2 Text Msg

(1)   Creating   a   message.
At the top of the display, you can see the number of remaining characters you can write into the current page of the message as the icon ().

   (For further details, see **Basic Functions Menu 7**)

(2) While entering your message, press the [**Option**] Soft key to use the following options.

   When you press the [**Up/Down**] key to select an item and press the [**OK**] button using the following option;

   ■ **Add template** : Saves the current message in the Template

   ■ **Save** : Saves messages in the phone memory

   ■ **Language**: Spanish, English, and Portuguese. The selected language will be displayed at the bottom of the right corner.

(3) When you have completed entering the message, press the [**OK**] key, then the page with the following options will be displayed

■ **Send**: Input the recipient's phone number manually.

■ **To** : Input the recipient's phone number to search for a number in phonebook or enters the recipient phone number manually. To send the message to several recipients (up to 5 recipients).

(4) Press the [**OK**] key to display the transmission progress with a sending   animation.
   If you fail to send out a message, error message will pop up. Press the [**Yes**] Soft key to retry or press the [**No**] Soft key to save the message in the Outbox.

1.2 Inbox

Select 'Menu>1.Messages>2. Inbox' and press the [**OK**] key.

Select Inbox and press the [**OK**] key to display the received messages one by one.

Press the [**Reply**] Soft key at the bottom right corner to write a new message.

You can receive a MMS notification through the SMS network and read only the downloaded MMS message.

If 'Auto **Download'** in Picture Msg Settings is set to '**On**', notification will not be displayed but the message will be downloaded and saved in the Inbox as unread.

Select [Option] Soft key [⊂⊃] on the bottom of the message list to select one of the following options.

■ Call Sender : Sends the call to the Message Sender

■ **Forward**: Sends the received message to another recipient.

■ **Delete**: Deletes the selected message.

■ **Delete All**: Deletes all messages in Inbox.

■ **Reply**: Writes and sends a new message using the recipient's number.

■ **Store on handset (SIM)**: Saves the message in the phone memory (in the SIM) if message saved in the phone (in the SIM)

1.3 Outbox

Select 'Menu>1.Messages>3.Outbox'. and press the [OK] key.

The Outbox saves the message failed to send.

Press the [Send] Soft key at the bottom right corner to send the failed message again.

Press the [Edit] Soft key at the bottom right corner to send the pending or sent message again.

Press the [Option] Soft key [⊂⊃] at the left of Total Message List to select the following menu.

■ **Delete**: Deletes the message.

42

■ **Delete All**: Deletes all messages in the Outbox.

■ **Send** : Send the message out with the [Ok] button

1.4 Drafts

Select 'Menu>1 Messages>4.Drafts' and press the [OK] key.

The message to be saved before sending will be saved in the Drafts.
All messages keep their feature as in the corresponding box and all options are available.

1.5 Sent

Select 'Menu>1. Messages>5.Sent"

Select Inbox and press the [OK] key to display the received messages one by one.

■ Press the [Resend] Soft key at the bottom right corner to Edit and send a sent message using the recipient's number.

Select [Option] Soft key [⊂⊃] on the bottom of the message list to select one of the following options.

■ **Forward**: Sends the received message to another recipient.

■ **Delete**: Deletes the selected message.

■ **Delete All**: Deletes all messages in Inbox.

■ **Resend**: Edits and sends a sent message using the recipient's number.

1.6 Templates

Select 'Menu>1.Messages>6 Templates'.

Select a text template menu and press the [Option] Soft key [⬭] at the left for associated options.

- **Create New**: Makes a new template. Not available if the template space is full.
- **Delete**: Deletes a template you have defined.
- **Delete all :** Deletes all messages in Templates box.
- **Edit**: Edits the Templates.
- **Send**: Edits and Sends the Templates.

1.7 Settings

Select 'Menu>1.Messages>7.Settings'.

1.7.1 Common

Select 'Menu->1. Message>7. Settings>1.Common' and press the [OK] key.

You can set up Common Settings about Message using this menu with the following options.

- - **Save messages :** Which do you save before sending message. Set Save messages to [On/Off]. If set to [On], the messages will be stored before sending message.

- - **Background send :** Which do you save message in background.
- **-** **Message lifetime**: Allows you to set the duration of time your message is stored at the message centre while attempting to deliver it. You can select one of Maximum Time / 1Hour/ 2 Hours/ 6Hours/ 1 Day / 2Days / 1 Week / 4 Weeks / 6 Months.

1.7.2 Picture Msg

Select 'Menu->1. Message>6. Settings>2.Picture Msg.' and press the [OK] key.

You can set up default MMS information using this menu with the following options.

- - **Profile : Edit WAP profile**
- - **Auto Download :** Allows you to set how you receive a message when messages is stored your home network system. You can select either On or Off
- - **Read reports** : When this option is set to [On], the recipient's phone sends a reply to let you know when your message was read by her/him.
- - **Deliver receipts :** When this option is set to [On], the network informs you whether or not your message has been delivered successfully.
- - **Download(roaming) :** Allows you to set how you receive a message during roaming. You can select either On or Off
- **-** **Spam filter:** When this option is set to [On], you can reject advertisement messages from the service provider.

You can select one of Off / Prompt If Spam / Reject Spam.

- **Creation Mode :** The [**Creation Mode]** enable you to restrict some features in writing message.
- **Max Message Size** : Sets up the maximum message size in sending

1.7.3 Text Msg

Select 'Menu>1. Message>7.Settings>3.Text Msg.' and press the [**OK**] key.

You can set up default SMS information using this menu with the following options.

- **Message Center**: Allows you to store or change the number of your SMS centre required when sending a message. You must obtain this number from your service provider.
- **Message format**: Allows you to set the message type to **Normal**, **Fax**, **Voicemail**, **ERMES**, **Nation' I Paging**, **X.400**, or **Internet**. The network will convert the messages into the selected format
- **Route:** Allows you to select circuit mode or GPRS mode
- **Save to:** Allows you to set the message storage to SIM or phone.

1.7.4 Broadcast

Select 'Menu>1. Message>7.Settings>4.Broadcast' and press the [**OK**] key.

You can set up default CB information using this menu with the following

options.

- **-Languages** : You can specify the language of a message. You may also add new languages or delete existing ones.
- **-Topic List** : You may choose up to 2 subjects from the current list. For more information, contact your network service provider.
- **-Receive** : You can decide whether the Cell Broadcast service is active or not.

1.7.5 Voice Mail

Select 'Menu>1. Message>7.Settings>5.Voice Mail' and press the [**OK**] key.

- You can set up default Voice Mail number. If your SIM have Voice mail number, display the voice mail number in SIM

1.8 Memory Info

Select 'Menu>1.Messages>8.Memory Info'.

Select Memory Info and press the [**OK**] key to display the free Text message and picture message memory space.

44

2. Ph. Book

You can store your personal Entries, which can be added or deleted at any time. You can save up to 750 contacts on the SIM or phone memory.

2.1 Adding a New Entry

Select 'Menu>2.Ph. Book >2.Add Entry'.

Adds the Entry information of other people. Initially, an empty field with a grey colour will appear until you input a text.

Depending on the 'Memory in Use' setup, the following fields will be displayed.

- Phone: Name, Mobile, Home, Office, Group, Picture, Melody, Email, and Memo.
- SIM Card: Name, Mobile, Group, Picture, Melody
- Phone or SIM: Select the saving location – SIM card or Phone.

2.2 Editing Contacts

Edits the Entry on the same screen with Add Entry.

2.3 Searching a Name

2.3.1 Name Search

Select 'Menu>2.Ph. Book>1.Name Search'.

Searches for the phone number from Ph.Book using the following procedure.

1. Input a name and press the [OK] key. The entry list is shown and the cursor is placed on an item that matches your input data.
2. Press the [Left/Right] key to view the recorded numbers
3. Press the [OK] key to view all.

Press the [Option] Soft key [⬭] to;

- **Add Entry** : Creates a new entry.
- **Edit**: Edits and saves the entry
- **Delete**: Deletes the selected item.
- **Copy** : Copy Memory to SIM or Phone
- **Send Message**: Sends a message to a selected recipient.
- **Add to Speed Dial**: Adds the selected number to Speed dial.
- **Language**: Spanish, English, Portuguese.
- **Group Search :** Searches for the phone number of each group

2.4 Speed Dial Setting

Press a number in the Ph.Book in standby mode for Speed Dialling.

To add Speed Dial, use [Add to Speed Dial] option. The Speed Dial number ranges from 2 to 99, totalling 98 Speed Dial numbers.

2.4.1 To Set the Speed Dial

1. Press the [**Up/Down**] key to move to an Empty Entry and press the [**OK**] key.

2. Press the [**Up/Down**] key to choose a person and press the [**Left/Right**] key to select his number.

3. Press the [**OK**] key to save an item in the Speed Dial list.

■ **Delete**: Deletes an item.

2.5 Group Setting

Select 'Menu>2.Ph. Book>4.Groups'.

Changes the settings for the five predefined caller groups.

Default Groups: No Group, Family, Friends, Business, and VIP

You can change the group ring tone by pressing [**Group Ring Tones**] in the option menu.

You can also add your preferred new groups by pressing the [**Right**] key, on top of the predefined 5 groups.

2.6 Memory in use

- Allows you to set the message storage to SIM or phone.

2.7 Delete All

Deletes all information saved on the Phone/SIM Card.

2.8 Copy All

Copy all information saved on the Phone/SIM card to SIM or Phone

3. Call Logs

Press the [⊙] key to see the recent calls in standby mode or select 'Menu>3.Call Logs'.

This function displays missed calls, received calls, and dialled calls. You can delete a call log and see the information for the call timer, call cost, and GPRS info in this menu.

> Note: If Contacts contains the phone number that you want to dial, the name will be displayed, or phone number, date, and time will be displayed alternatively on the Screen.
> Press SEND when the cursor is placed on the number or name to dial the number.

3.1 Missed Calls

Select 'Menu>3.Call Logs>1.Missed Calls'.

Displays the missed calls list accompanied by the time and date of a missed call as well as the number or name of the recipient.

Press the [**Left/Right**] key for selection.

Press the [**Option**] Soft key [⊙] to;

■ **Call** : Calls selected Number.

■ **Edit** : Edits selected Number.

■ **Delete All**: Deletes all missed call records from the list.

■ **Send Message**: Sends a message to the person you missed the call.

When the call is not found in Contacts, the [**Save Number**] option will be created.

3.2 Received Calls

Select 'Menu>3.Call Logs>2.Received Calls'.
Displays the received call list accompanied by the time and date of a received call as well as the number or name of the caller. Press the [**Left/Right**] key to select.
Press the [**Option**] Soft key [⊙] to;

■ **Call** : Calls selected Number.

■ **Edit** : Edits selected Number.

■ **Delete All**: Deletes all received call records from the list.

■ **Send Message**: Sends a message to the person you received a call.

When the number of the caller is not found in Contacts, the [**Save Number**] option will be created.

3.3 Dialled Calls

Select 'Menu>3.Call Logs>3.Dialled Calls'
Displays the Dialled calls list accompanied by the time and date of a dialled call as well as the number or name of the recipient. Press the [**Left/Right**] key for selection.
Press the [**Option**] Soft key [⊙] to;

■ **Call** : Calls selected Number.

■ **Edit** : Edits selected Number.

■ **Delete All**: Deletes all the dialled call records from the list.

■ **Send Message**: Sends a message to the person you made a call to. When the number of the caller is not found in Contacts Menu, the [**Save Number**] option will be created.

3.4 Delete Call Logs

Select 'Menu>3.Call Logs>4.Delete Call Logs'.

It deletes the missed, received, or dialled calls or deletes all the call records with 'All Calls'.

Press the [**Yes**] Soft key [⟡] or [**No**] Soft key [⟡] to execute or cancel this function.

3.5 Call Timer

Select 'Menu>3.Call Logs>5.Call Timer'.

Indicates information on call time.

- **Last Call Time**: Date and Time.
- **Received, Dialled, All Call Time**: Call Time only.
- **Reset Call Times**: Initialises the call timer. Press the [**OK**] key and input the phone password. And then press the [**OK**] key one more time.

3.6 Call Cost

Select 'Menu>3.Call Logs>6.Call Cost'.

Records information on call cost, and limits the call charge to prevent overcharges.

- **Last Call Cost**: Displays the cost of the last call.
- **All Call Cost**: Displays the cost of all calls.
- **Delete Logs**: Inputs PIN2 to delete all the logs of call cost.
- **Max Cost**: Reads or sets up the maximum value of the call cost unit in the service area.
    - Read Limit: Reads the maximum unit value.
    - Set Limit: Sets up the maximum units.
- **Cost Unit**: Reads or sets up the unit defined in a service area. This function has the following sub options. This function has the following sub options.
    - Read Unit: Reads the cost unit.
    - Set Unit: Sets up the current cost unit and the cost per unit

3.7 GPRS Info

Select 'Menu>3.Call Logs>7.GPRS Info'.

This displays the GPRS data transmission capacity.

- **Current Info**: Displays the total transmitted Kbytes at the moment.
- **Last Info**: Displays the total transmitted Kbytes in the past.

- **All Info**: Displays the total transmitted Kbytes since connected.
- **Delete Logs**: Deletes the log related to GPRS.

4. Fun & Tools

4.1 Sounds

Plays back sound in your phone or edits information.

Select 'Menu>4.Fun &Tools>1.Sounds' to display the list of sounds recorded in your phone.

The selected melody will be automatically played back once.

Press the [Option] Soft key [⬭] to apply the option to the sound concerned.

- **Option**: Set as Ring Tone(can not used in AMR file), Send as MMS, Rename, Delete, Delete All, Details

(For further details, see **Applications Menu 4.2.1.2**)

4.2 Images

You can view or edit the image or information recorded in your phone in this menu.

1. Select 'Menu>4.Fun &Tools>2.Images' to the list of images saved in your phone.

2. Press the [Large] Soft key or press the [OK] key to zoom in the image selected from the list.

3. Press the [Left/Right] key to view other images in the list.

Press the [List] Soft key to return to the list.

Press the [Option] Soft key [⬭] key to apply the option to the

selected image.

- **Option**: Set as Wallpaper, Send as MMS, Rename, Delete, Delete All, Details

(For further details, see **Applications Menu 4.2.1.2**)

4.3 Camera

You can take a photo in various ways using your camera phone. The photo can be saved, or edited.

4.3.1 Taking a Photo
4.3.1.1 Taking a Photo

1. Select 'Menu>4.Fun&Tools>3.Camera>1.Take a Photo' in the menu in sequence.

* **Tip**: Press the [Extra] key or the volume down key longer in standby mode to enter into capture mode immediately.

2. Adjust the image by aiming the camera at the subject.
Press the [Right] Soft key [⬭] to change the shooting mode.

Shooting Mode	Icon	Description
Single Capture		General mode for a single shot.
Multi Capture	🖼	A mode to take multiple photos with the quantity determined by the [Multi-Shot] option

Frame Capture		In this mode, the photo can be taken with the saved frame. Image size: 128X128 size (fixed)
Pattern Capture		You can take several photos and save them in a single screen.

3. Press the [📷OK] key or [**Extra**] Key to take the picture in the current

preview.

Press the Side [**Up / Down**] key to zoom in/out of the image in proportion

to the original ratio. Use the Navigation key to scroll and view the image

enlarged.

Press [**C**] key to return to the camera preview screen.

In Multi Capture mode, select [**Mark**]/[**Unmark**] to check the image box

on the captured images to save them.

4. Select the [⏩] key to display the Save Option screen, where you can

select a photo album and edit the photo name under which it should be

saved.

In Multi Capture mode, the photo will be given a name automatically.

However, you can manually input the name if only one image is selected.

Definition of Camera Function Control Soft Key during Flip Open

Function	Available Menu	Soft Key
Image Size	LCD/QVGA/VGA/XGA/SXGA	[ ]
Brightness	7 levels (from 0 to 6)	[ ]/[ ]
Zoom	Control by levels	[volume up]/[volume down]
Flash	On/Off	[ ]
Hide Icons	On/Off	[ ]
Camera key	Main LCD/ Main + Sub LCD.	[Navigation down key]

4.3.1.2 Using the Camera Options

Press the [**Option**] Soft key [ ] in Capture mode to select the

following information which will be applied to the image.

- **Goto Album**: Moves to the Photo Album.
- **Image Size**: Displays the size of image that you want to shoot LCD(128X128), VGA(640X480).
- **Self Timer**: Selects the delay time for all modes. When you press

  the [📷] key or [**volume up**] Key, the camera will take a picture

  after the preset time. When the camera mode is off, the time value

  will return to the setup value.
- **Multi-Shot**: Controls the number of continuous shooting.
- **Flash**: On/Off.
- **Effect:** Applies an effect to the Camera. Normal/Sepia/Solarization/Monochrome/Line Drawing/Negative/Embossing

■   **hide icons** : On/Off

4.3.1.3 Taking a Picture with the Folder Closed

1. Press and hold the [**volume up**] key on the left side of your phone with the folder closed to enter the Capture mode.
2. Adjust the image by aiming the camera at the subject.

Press the [**volume up**] key to shoot the image in the current preview.
Press the [**volume down**] key to escape from Capture mode.
3. To save the captured image, press the [**volume up**] key,
   Press the [**volume up**] key to save the captured image with a default name in the default album. After saving, the photo function will be finished.
Press the [**volume down**] key to move to the preview screen without saving the captured image.

4.3.2 Photo Album

Allows you to view or edit the photos saved in your phone.

4.3.2.1 Views the Saved Picture.

1. Select the 'Menu>4.Fun&Tools>3.Camera>2.Photo Album' in the menu in this order to access the Photo Album List.
2. Press the [New] Soft key to add an album to Photo Albums.

- You can add up to 7 albums (including the default album 'My Photo').
Press the [Option] Soft key to delete or add new user-defined album.
3. Select an album from the list and press the [**OK**] key to display the photo list in the album.
Use the [Small] or [List] Soft key to change the list type (Small/List).
4. Select a photo and press the [**OK**] key to enlarge the photo view.
Press the [**Left/Right**] key to view other photos in the album.

4.3.2.2 Using the Photo Options

Press the [Option] Soft key [⊂⊃] to apply the following options to a selected photo from the album.
■   **Set As**:
   1. Wallpaper – Adds a photo to 'Wallpaper' in 'Display Settings'. The photo is set as the background image of the main screen.
   2. Contact – Assigns a specific photo image to Contacts.
■   **Rename**: Renames a photo.
■   **Delete**: Deletes a photo.
■   **Delete All**: Deletes all photos in the album.
■   **Information**: Views the information on a photo.

4.3.3 Settings

Changes the default camera option value.

52

- **Image Size**: Size of the image to be shot LCD[*](128X128), VGA (640X480).

- **Shutter Sound**: Cheese/Smile/123/ Whisky/Off

- **Flash :** On/Off

- **Self Timer**: Select the delay time for all modes. When you press the [OK] key, the camera will shoot after the preset time. None/5 Secs/10 Secs

- **Auto Save**: When Auto Save is on, the default name and album name will be automatically saved when a picture is take.

- **Time Stamp** : When Time Stamp is on, the time will be displayed when a picture is take.

- **Multi-Shot** : 4/6/9

4.4 Games

4.5 GamesJava

You can download and execute a java application game on your phone. The java application for a mobile phone is called a Midlet. Use the WAP browser to search for a Midlet java game and download it for installation.

* A Midlet java game is not installed in the current model. Please download it as required.

4.51 View of Java Application Game List

---

[*] LCD is referred to as one of the image sizes.

Select 'Menu>4.Fun &Tools>4.Games' in the menu.
Select '1.Midlets Game' to view the Java Application Game list stored in your phone.
Press the Navigation key to select an application. a game.
The Menu has an option to control the Midlet game.

4.52 Java Application Execution/Deletion/Information Search

Select 'Menu>4.Fun &Tools>4.Games' in the menu to select a Java menu.
Select '1. Midlets List Game' to view the Java Application Game list stored in your phone.
Press the Navigation key to select an application.

To:	Press:
Run the Midlet Game	Press the [**Option**] Soft key [⬭] and select the [**Run**] Soft key, or press the [**OK**] key
View Detail Information	Press the [**Option**] Soft key [⬭] and select the [**Info**] Soft key, or press the [⬭] Soft key.
Delete the Midlet Game	Press the [**Option**] Soft key [⬭] and select the [**Delete**] Soft key.

4.5.3 Java Network Settings

For downloading Java Midlet Game, the correct parameter settings are necessary for Internet connection. The parameter settings have been

adjusted to the Internet parameter settings for a service provider corresponding to the currently selected WAP profile. Depending on your service provider, if necessary, you can directly establish the settings using the following method.

Select 'Menu>4.Fun &Tools > 4.Games' in the menu to select a Java menu.
Select '2. Connection' to view the parameter screen.
Select a parameter item and press the [**OK**] key for setup.

- **DNS1:** Inputs the IP address of the Domain Name Server1. A comma will be added every 3 digits.

- **DNS2:** Inputs the IP address of the Domain Name Server2. A comma will be added every 3 digits.

- **Internet APN:** Inputs the Internet Access Point Name for yourself.

- **Login ID:** Inputs the ID to sign into the gateway.

- **Password:** Inputs the password to sign into the gateway.

- **Proxy:** Inputs the address of the proxy server if it is used.

- **Proxy port:** Inputs the proxy port if the proxy server is used.

If necessary, please contact your service provider for the correct parameter settings.

4.5.4 View the Java Application Memory

Select '3.Memory Info' to see the memory used.

4.6 Memory Info

Displays information on the memory usage status for Photo, Image, Sound, Voice, Java, and Message and System used.
Note: The 'System' memory information means the total used memory for the reserved objects, user-defined wallpapers, etc.

5. **Sounds**

Select 'Menu>5.Sounds'

Sounds define how your phone reacts when you receive a call or a message, how your keypad sounds when you press a key, and more.

Ring tone, key tone, and other settings for each of the five available profiles can be used with their default setting. They can also be customised to your needs.

5.1 **Ring Tone**

Select 'Menu>5.Sound>1.Ring Tone' and press the [**OK**] key, or press the [♫] key in standby mode and select '1.Ring Tone'.

* You can choose the preferred ring type, melody to ring and ring volume.

- - **Ring type**: Ringing, Vibration, Vib then Ring, Vib and Ring, Ascending, None(Quiet)
- - **Sound**: Sound is composed of several groups such as Melody Sound, Bell Sound, User Sound and MP3 Sound and each Group has multiple tones. User Sound presents the melody of 'Menu>4.Fun & Tools>1.Sound' as a consequence.

5.2 **Volume**

- - **Ringing Volume :** Controls the volume in 7 levels.
- - **Key Volume** : There are 8 different volume levels (0~7) available for volume adjustment

5.3 **Message Alert**

Select 'Menu>5.Sound>3.Message Alert' and press the [**OK**] key, or press the [♫] in standby mode and select '3.Message Alert'.

You can select the preferred alert melody, its volume and reminder period when you have new messages.

- - **Reminder**: Use the [**Left/Right**] key to select one out of Off, Once, Every 2 Mins, Every 5 Mins.
- - **Ring Volume**: Controls the volume in 7 levels.
- - **Sound**: Use the [**Left/Right**] key to set Message Alert Tone to Bell1, Bell2, Bell3.

5.4 **Key Tone**

You can select the keypad sound to be used for dialling or in the menu screen.

Select 'Menu>5.Sound >4.Key Tone' and press the [**OK**] key, or press the [♫] key in standby mode and select '4.Key Tone'.

- - **Tone Type**: You can turn the key tone on or off.
- - **Sound**: Selects a key tone.

5.5 **Flip Open Tone**

You can select a sound effect when you open or close the folder.

Select 'Menu>5.Sound>5.Flip Open Tone' and press the [**OK**] key, or

press the [🎵] key in the standby mode and select '5.Flip Open Tone'.

- - **Tone Type**: Turns the key tone on or off.

- - **Ring Volume**: Controls the volume by 7 levels.

- - **Sound**: Sets Bell 1, Bell 2, Bell 3 to Flip Open/Close Tone.

5.6 Sound Effect

Turns the default sound effect on or off.

Select 'Menu>5.Sound>6.Sound Effect' and press the [**OK**] key, or press

the [🎵] key in standby mode and select '6.Sound Effect'. Press the

[**Mark**] Soft key, and then press [**OK**] key to save.

- - **Menu Moving**: When you change a menu with the Navigation
    key.

- - **Power On & Off**: When you turn the power on or off.

- - **WAP Connection**: When you connect or terminate WAP

- - **Minute Minder**: A sound effect every minute while making a
    phone call.

56

6. Settings

Select 'Menu>6.Settings'.

You can set up various phone functions in the settings menu.

6.1 Display Settings

Select 'Menu>6.Settings>1.Display Settings'.

You can change the image or colour composition of the display .

6.1.1 Main Screen

Select 'Menu>6.Settings>1.Display Settings>1.Main Screen' and press the [**OK**] key.

You can change the background image of the main screen.

- **Wallpaper**: Sets up Wallpaper by selecting from "Wallpaper". Wallpaper stores items used to set up Wallpaper at Photo Album//Image . Other wallpapers than the default one may be deleted with the [**Delete**] Soft key. (The default one cannot be deleted permanently.

- **Wallpaper Type**: Digital Clock /Greeting/D-day

6.1.2 Greeting

Select 'Menu>6.Settings>1.Display Settings>2.Greeting' and press the [**OK**] key.

You can set up the greeting message during start up or Idle mode.

6.1.3 Contrast

Press the [**Left/Right**] key to change the value that is displayed when you select 'Menu>6.Settings>1.Display Settings>3.Contrast' and press the [**OK**] key. (Level 1~Level 8)

6.1.4 Back Light

You can set the Backlight.

Press the [**Left/Right**] key to change the value that is displayed when you select 'Menu>6.Settings>1.Display Settings>3.Back Light' and press the [**OK**] key. (20 Secs/1 Min/10 Mins/5 Secs/10 Secs)

6.2 Call Settings

Select 'Menu>6.Settings>2.Call Settings'.

6.2.1 Call Forward

Select 'Menu>6.Settings>3.Call Settings>1.Call Forward'.

You can divert a receiving call to another phone number with this menu.

You may choose one from All Calls, When Busy, On No Answer, When not Found, or Cancel All, all of which divert as required.

6.2.2 Answer Type

Select 'Menu>6.Settings>3.Call Settings>2.Answer Type'.

You can set up the call receiving method.

Use the [**Left/Right**] key to set the call receiving method. Press the [**OK**] key to save.

- **SEND key**: You can answer the incoming call by pressing the [] key.
- **Any Key**: You can answer incoming calls by pressing any key, except the [] key and the [**Reject**] Soft key.
- **Flip Open**: You can answer an incoming call by opening the phone flip.
- **Auto Answer**: Your phone automatically answers calls after 10 seconds. This feature is available only when the phone is connected to the headsetjack.

6.2.3 Auto Redial

Select 'Menu>6.Settings>3.Call Settings>3.Auto Redial'.

This function automatically redials the number the call is made to.

- **On**: Sets up Auto Redial.
- **Off**: Cancels Auto Redial.

6.2.4 Call Waiting

Select 'Menu>6.Settings>3.Call Settings>4.Call Waiting'.

The call waiting function informs you of the reception of a second call.

- **Activate**: Sets up Call Waiting.
- **Deactivate**: Cancels the preset Call Waiting.
- **Status**: Informs the setup condition.

6.2.5 Send Caller ID

Select 'Menu>6.Settings>3.Call Settings>5.Send Caller ID'.

You can prevent your phone number from being displayed on the phone of the person being called. This service is dependent on the network. Please ask the network provider.

6.2.6 Own Number

Select 'Menu>6.Settings>3.Call Settings>6.Own Number'.

The number for Own Number can vary depending on the SIM.

Press the [**Option**] Soft key [⬭] to:

- **Add**: Adds Own Number.
- **Delete**: Deletes Own Number.
- **Edit**: Edits Own Number.

6.3 Phone Settings

6.3.1 Language

Select 'Menu>6.Settings>4.Phone Settings->1.Language'.

You can select a language to be displayed on the phone.

Note: 'Automatic' selects the language previously stored in your SIM.

6.3.2 Time & Date

Set 'Menu>6.Settings>4. Phone Settings->2.Time & Date'.

You can set up Time, Date, and Date Format.

6.3.3 Favorites

Select 'Menu>6.Settings>6.Favorites'.

The Favorites menu designates your additional favourites.

You can access menus down to 2 levels but the Organizer cannot be deleted because it is the default menu.

The [**OK**] key means ADD with no item or Go to with an item.

Of the set values in Favorites, the item with security asks for a password before going further.

6.4 Network Settings

Select 'Menu>6.Settings>4.Network Settings'.

6.4.1 Search Now

You can search the network that you would set in the Default Setup

6.4.2 Default Setup

You can set the network searching way as "automatic" or "manual"

6.5 Security Settings

Set 'Menu>6.Settings>5.Security Settings'.

The security settings enable you to restrict the use of your phone to other people and types of calls of your choice.

Various codes and passwords are used to protect these features of your phone. They are described in the following sections. See also Access

codes in the Appendix.

The Security feature keeps your phone and SIM Card safe from unauthorised users and you may set up a password for your phone or use the Call Barring service and Fixed Dialling mode.

6.5.1 PIN Lock

Press the [**Left/Right**] key for setup.

You should input the password when entering into the sub-menu under Security Settings. If you fail to input the correct PIN1 and PIN2 number 3 times continuously, you will be prompted to input the PUK number.

- **Enabled**: You should input PIN1 to access to the main menu after power on.
- **Disabled**: You don't have to input PIN1 to access to the main menu after power on.

6.5.2 Change PIN

Changes the PIN number.

6.5.3 Phone Lock

Once selected, this option locks your phone until you input the right

password. Press the [**OK**] key after you input the password.

6.5.4 Change Lock

Changes a password. Default Password is **1234**.

6.5.5 Phone Barring

This function offers multiple methods to limit incoming or outgoing calls. In general, the barring service becomes activated by interoperating with the network, but Phone barring is made by the phone itself. Major functions are as follows:

- **International Calls**: Limits an outgoing and incoming international call.
- **Outgoing Calls**: Limits all Outgoing calls.
- **Incoming Calls**: Limits all incoming calls.
- **Incoming Calls When Abroad**: Limits all international incoming calls.
- **Int. Calls Except to Home Country**: Limits other international calls except home country.
- **Clear All**: Cancels all the barring settings.
- **Change Password**: Replaces the old password with a new one.

6.5.6 N/W Barring

This function is available only if the service provider provides such a function and you have subscribed to it.

You can set limitations for making certain types of calls:

- **International Calls**: Limits an outgoing and incoming international call.
- **Outgoing Calls**: Limits all Outgoing calls.
- **Incoming Calls**: Limits all incoming calls.
- **Incoming Calls When Abroad**: Limits all international incoming calls.
- **Int. Calls Except to Home Country**: Limits other international calls except home country.
- **Clear All**: Cancels all the barring settings.
- **Change Password**: Replaces the old password with a new one.

6.5.7 CUG (Closed User Group)

Sets up a group of numbers that you want to dial or receive. Select CUG name and press [**OK**] to see the CUG name list as you input.
Press the [**Option**] Soft key [⬭] to:
■ **Delete**: Deletes the preset CUG Identifier.
■ **Edit**: Edits the CUG Identifier.

Note: Without an existing record, the [⬭] key will turn into the [**Add**] Soft key and move to the name input screen for a new CUG registration.

6.5.8 Fixed Dialling (Fixed Dialling Numbers)

Fixed Dialling is a service that limits your access to specific numbers in the Phonebook list recorded on the SIM. Input PIN2 to set up or cancel this service. (up to 3 times)

- **On**
- **Off**
- **Fixed Dial List**: Displays the numbers recorded in the **Fixed Dialling** list.

6.5.9 Change PIN2

Changes PIN2.

6.6 System Reset

Select 'Menu>6.Settings>6.System Reset'
Deletes all user settings and data from your phone and returns to factory default settings.
Input the phone password and press the [**OK**] key to reset.
The default password is **1234**.

61

7. Organizer

Select 'Menu>7.Organizer'.

Organizer provides various functions alarm setting, Scheduler, memo, world time, calculator, unit conversion, stopwatch and timer.

7.1 Alarm

Select 'Menu>7.Organiser>1.Alarm'.

You can set an alarm to sound up to 5 specific times. (Once you set the On Morning Call, an icon appears on the display)

7.1.1 To set an alarm

Select 'Menu>7.Organizer>1.Alarm' to display the current alarm list.

Select an alarm to set and press [OK].

Press the [New] Soft key in the list to set a new alarm with the edit alarm screen.

Press the [Option] Soft key [⬭] to:

■ **Delete**: Deletes an Alarm from the list.

■ **Delete All** : Deletes all Alarm from the list.

■ **Morning Call On/Off** : Notifies by ring a matter foreign to the Ring Type settings

■ **On Snooze/Off Snooze**: The alarm that is set to Snooze rings every

5 minutes for 3 times. Only one alarm can be set to On Snooze.

■ **New**: Set a new alarm

Press the [OK] key to edit the Alarm, and then press the [Up/Down] key in the 'Edit Alarm' screen to set on Set, Time, or Melody.

Press the [AM]/[PM]/[24H] key to select AM or PM or 24H of the time for setup.

7.2 Scheduler

Select 'Menu>7.Organizer>2.Scheduler'.

The Scheduler helps you manage your schedule including your time for calls or special days. Alarm service on a set date is included in this function. The Scheduler consists of Monthly View, Daily View, and Event View & Edit.

7.2.1 Monthly View

To:	Press:
Move to another day	[**Left**] Previous Day [**Right**] Next Day
Move to another week	[**Up**] Previous Week [**Down**] Next Week
Move to the previous or next month	[**1**] Previous Month [**3**] Next Month

Select 'Menu>7.Organizer>2.Scheduler' from the menu to display the Monthly View.

Press the [New] Soft key to add a new event.

Press the [Option] Soft key [⌒] to;

■ **Go to Date**: Moves to the set date.

■ **Go to Today**: Moves to today for selection.

■ **View All Events**: Shows all of your scheduled events

■ **Del Past Events**: Deletes your past scheduled events.

■ **Del All Events**: Deletes all of your scheduled events.

■ **Memory Info**: Displays the number of stored events, not more than 50.

Use the Navigation key to select the date and press the [OK] key.

On a date with any schedule registered, move to Daily View to check the schedule.

On a date with no registered schedule, add a new schedule.

Any event registered on a date will be displayed at the bottom of the display in form of an icon.

7.2.2 Daily View

Shows the schedule registered for a date. Select a schedule and press the [OK] key to view or edit the details of an event.

Press the [Option] Soft key [⌒] to;

■ **Delete**: Deletes an event

■ **Delete All**: Deletes all events.

■ **D-day On/ D-day Off**: Sets up or cancels D-Day.

■ **New**: Set a new schedule

Note: When you select D-Day from Screen Control, 'D-Date, Event Memo Content Part' will not appear in the standby screen.
Upon setup of a new D-Day, the existing D-Day is automatically deleted.

7.2.3 Event View & Edit

Shows the registered schedule item by item and edits the schedule or creates a new schedule.

Create New Event (by View & Edit)

① Select a day from Monthly View and press the [New] Soft key

② Upon appearance of the New Event screen, select and input an event item by item for registration.

③ After input, press the [OK] key to save the event.

Note: Maximum Quantity of Schedule for Registration: 50
    Maximum Daily Quantity of Schedule for Registration: 5
    Period of Registration: 01/01/1950 ~31/12/2043

7.3 Memo

Select 'Menu>7.Organizer>3.Memo'.

Saves short notes in your phone.

Press the [**Option**] Soft key [⬭] to;

- ■ **Edit**: Retrieve existing memos, edit the parts of your choice, and press the [**OK**] key for save.

* Tip: Press the [**OK**] key and [**Edit**] Soft key to return to the editing screen.

- ■ **Delete/Delete All**: Deletes any or all items.
- ■ **New**: Input texts to create a new memo.

7.4 Voice Memo

The Voice Memo function records your voice message. You can use Record, Stop, Play, and Save for voice recording and playback. You can use the Text Editor for title input.

Record

① Press the [**New**] Soft key from the Option menu and press the [🔴][Re-rec] key.

② Press the [🔷] key to terminate the recording process and press the [**Preview**] Soft key to hear the recorded data.

③ Press the [⬇️] key, input a name, and press the [**OK**] Soft key to save the data.

* **Tip**: When the memory is full, the "Not Enough Memory" message will appear and returns to the upper menu.

Press the [**Option**] Soft key [⬭] to;

- ■ **Send as MMS** : attach AMR file, and Sends as MMS

- ■ **Rename**: Renames the voice memo
- ■ **Delete**: Deletes the selected voice memo.
- ■ **Delete All**: Deletes all voice memos.
- ■ **Details** : Views the information on a free phone memory

Play

1. Select an item and press the [▶] key to start play immediately.

7.5 World Time

Select 'Menu>7.Organizer>5.World Time'.

This function informs you of world time.

Press the [**Option**] Soft key [⬭] to:

- ■ **On/Off Day Light Saving**: The Day Light Saving function fits the time of the countries in summer who enforce Summer Time. Select Day Light Saving from the Options menu for setup. The icon for the country with Summer Time will be activated

🔆 Shows that the Summer Time Saving function is on.

* Tip: Summer Time sets the clock one hour ahead.

- ■ **Set as Local**: Press the [**Set**] Soft key or select [**Set as Local**] from the Options menu and Target Area will be replaced with Home Area.

7.6 Calculator

Select 'Menu>7.Organizer>6.Calculator'.

Your phone has a Calculator function. Calculator provides 4 basic operations +, -, x, and /.

Press the number keys and direction keys to input a formula and press the [**=**] Soft key to display the result.

* **Tip**: Press the [**Left**] Soft key to input a decimal point.

Press the [**C**] Soft key to reset the formula.

Press the [**C**] key short to delete the text of a formula and press and briefly hold the [**C**] key to delete the whole formula.

7.7 Converter

Select 'Menu>7.Organizer>7.Converter'.

Converter converts a figure between different units i.e. Length, Area, Volume, Weight, and Temperature.

Select one from Length, Area, Volume, Weight, or Temperature.

Press the [**Down**] key to move to the next line, press the [**Left/Right**] key to select a target unit, and press the number keys to input numbers.

Press the [**Down**] key again to move to the next line and select a result unit and you will get the correct answer.

* **Tip**: The result is automatically recalculated upon a change of unit or value.

Press the [**Left**] Soft key to input a decimal point.

7.8 Stop Watch

Select 'Menu>7.Organizer>7.Stop Watch'.

The Stop Watch measures time for all sorts of sports. It uses the Navigation keys.

Press the [▶] key to operate the Stop Watch.

Press the [■] key to pause the Stop Watch and press the [▶] key to restart the Stop Watch.

Whenever you select the [**Lap**] Soft key, the 2 lap times as a maximum are displayed and when you select the fourth [**Lap**], the Stop Watch stops.

Press the [**Reset**] Soft key to initialise all.

V. Advanced Functions

1. WAP

2. SIM Toolkit

1. WAP

You can access the Internet with a WAP (Wireless Application Protocol) browser.

That means you can connect to the Internet anywhere and anytime where you have network coverage.

The descriptions below can vary according to your Network provider.

Therefore, ask your Network provider for detailed information.

Note: Press the [**OK**] key short to access the WAP menu directly. Press and briefly hold the [**OK**] key during standby to proceed to the WAP homepage.

1.1 Navigating the WAP Browser

To scroll through and select browser items, press the [**Up/Down**] key until the item you want is highlighted, and then press the [**Select**] Soft key.

To return to the previous page, press the [**C**] key.

To return to the startup homepage, select [**Option**]> Home.

1.2 Entering Text in the WAP Browser

When you are prompted to enter text, the current text input mode appears above the right Soft key.

(For further details, see **Basic Functions Menu 7**)

1.3 Home

This menu contacts the network to load the Wireless Web service provider homepage.

1.4 Resume

You can reconnect to the latest web site.

1.5 Bookmarks

You can bookmark an Internet address using the WAP browser just as you do with a PC Internet browser.

To register an URL and Name in the closest empty number of the Bookmark List, press the [**Add**] Soft key on the right.

Press the [**Option**] Soft key [⬭] to;

- **Edit**: Edits the URL and name of a bookmark
  Note: this feature will not be available if the manufacturer provides a default bookmark..
- **Delete**: Deletes a bookmark from the List.

Note: this feature will not be available if the manufacturer provides a default bookmark.

- ■ **Send Message**: The bookmark URL automatically composes the SMS message text.
- ■ **Go**: Goes to the related site

1.6 Push Messages

The phone can receive Push Messages from the Service Provider.

1.6.1 Inbox

The Push message is stored in Inbox. Select and check a message from the message list of Inbox to contact the WAP page concerned.

Press the [Option] Soft key [⌒] to;

- ■ **Delete**: Deletes a message.
- ■ **Delete All**: Deletes all the messages in Inbox.
- ■ **Go to**: Goes to related site.

1.6.2 Receive Mode

Sets up Push Message receiving.

- ‑ **Accept All**: Receives all Push messages.
- ‑ **Accept None**: Rejects all messages.

1.7 Go to URL

This menu leads you to an URL that you have visited before.

1.8 Profiles

(Note: The parameter settings are already entered as required by the service provider. Care should be taken when you make any modification to a profile since it may cause WAP to be inoperative.)

Selects or edits the Connection Profile supplied by the phone.

Select the Profile List and press the [**OK**] key for setup.

The Unedited Profile will not be selected.

Select the Profile List and press the [**Edit**] Soft key to edit a profile.

- ‑ **Profile Name**: Pressing the [**OK**] key allows you to enter the edit mode to change a profile name.
- ‑ **Home URL**: Pressing the [**OK**] key allows you to enter the edit mode to edit the Homepage URL provided by the service provider.
- ‑ **Connection Type**: Select either WAP or HTTP.
- ‑ **Secure Mode**: This menu is available for use only when you are connected to HTTP. Select either Secure or None secure connection (On/Off).
- ‑ **GSM Settings**: This menu allows you to set the GSM network proxy, and has the following sub-menus:
  - ‑ Gateway: Pressing the [**OK**] key allows you to access the

submenus such as **IP Address, IP Port, Login ID and Password.**

For each submenu, pressing the OK button lets you enter edit mode to edit every item provided by the service provider.

- Data Call Type: Use the left or right navigation key to select from the two modes: ISDN and Analogue.

- Dial Number: Pressing the [**OK**] key allows you to enter the edit mode to change this item.

- Login ID: Pressing the [**OK**] key allows you to enter the edit mode to change this item.

- Password: Pressing the [**OK**] key allows you to enter the edit mode to change this item.

- **GPRS Settings**: This menu allows you to set the GPRS network proxy, and it has the following sub-menus:

- Gateway: Pressing the [**OK**] key allows you to access the submenus such as **IP Address, IP Port, Login ID and Password**. For each submenu, pressing the [**OK**] key lets you enter edit mode to edit every item provided by the service provider.

- APN: It stands for Access Point Name. Pressing the [**OK**] key lets you enter the edit mode to change this item.

- Login ID: Pressing the [**OK**] key lets you enter the edit mode to change this item.

- Password: Pressing the [**OK**] key lets you enter edit mode to change this item.

- **DNS Setting**: Enter the IP address for the Domain Name Server. You may enter primary and secondary DNS. This function is available only when you are connected to HTTP.

Primary DNS/Secondary DNS

- **Bearer**: This lets you select the bearer type for each type of network access. Using the left or right navigation key allows you to select from the two modes: GSM Only and GPRS Only.

- **Reset Profile**: Pressing the [**OK**] key initializes the parameter settings of a profile. You can select from Yes/No.

1.9 Cache

1.9.1 Cache Mode

Sets up the Cache memory check.

- **Always Check**: The Cache is always checked whenever a URL is loaded.

- **Never Check**: The Cache is never checked.

1.9.2 Clear Cache: This menu provides a function to clean the data stored in the Cache (recently visited WAP pages).

1.10 Security Cert

You can see the saved security certificate.

Press the [**Option**] Soft key [⬭] to;

■ **Delete**: Deletes a security certificate.

■ **Delete All**: Deletes all security certificates.

1.11 Version

This function is for viewing the software version of the WAP browser

VI. Appendix

Access Code

Check List

Performance and safety

Glossary

Guaranty

Memo

Access Code

The following section describes various security codes.

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card. If you input the incorrect PIN code entry three times in a row, the PIN code will be blocked. If the PIN code is blocked, you need to unblock the PIN code before you can use the SIM card again. See information on the PUK code.

PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access some functions, such as call cost counters.

Lock code (4 digits)

The lock code can be used to lock the phone and keypad to avoid unauthorised use.

> **Note**: The factory setting for the lock code is **1234**. To avoid unauthorised use of your phone, change the lock code. Keep the new code secret and in a safe place separate from your phone.

PUK and PUK2 codes (8 digits)

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK2 code is required to change a blocked PIN2 code. If the codes are not supplied with the SIM card, contact the operator whose SIM card is in your phone for the codes.

72

You can change the following codes: lock code, PIN code, and PIN2 code. These codes can include the numbers from 0 to 9 only.

> **Note**: Avoid using access codes similar to the emergency numbers, such as 112, to prevent accidental dialling of the emergency number.

Call Barring Password (4 digits)

The call barring password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function.

You can change this password using the **Call barring** menu option.

(For further details, see **Applications Menu 6.8**)

Check List

If you experience any problem while using your mobile phone, please refer to the following checklist. If the problem still persists, contact your dealer or nearest service centre.

When the "Insert SIM Card" message appears:
Make sure the SIM card is correctly installed. Check to see if the SIM card is working properly. If it does not work, try to clean the contact points of the card. If it is out of order, take it to the nearest service centre.

When the "Phone locked enter password" message appears:
Enter the phone password. If you cannot remember the password, contact the nearest service centre.

When the "Enter PIN1" message appears:
InputPIN1. If you cannot remember it, contact the nearest service centre. You can still receive calls even if your mobile phone becomes locked after entering the incorrect PIN1 on three consecutive attempts.

When the "No service" or "Network failure" message appears:
Check the SSI (Signal Strength Indicator) state. If you cannot make a connection in underground areas or in buildings where signal strength may be low, try moving to another place. If you still cannot make a connection, contact the nearest service centre.

When audio quality is poor:
End a call and try again.

When the other party cannot hear you speaking:
Your phone may be set to MUTE. Disable the MUTE function.

When battery lifetime is shorter than usual:
This may happen when you are in an area with low signal strength. Turn off your phone when it is not in use. Change the battery when battery energy is exhausted.

When your mobile phone does not turn on:
Make sure your battery is charged. Check to see if your phone works while recharging the battery.

When you are unable to send a message:
Either you are not registered to receive an SMS service, or you may be in an area where your network service provider cannot provide such a service.

When you are unable to make a call:
Your phone may be set to "fixed dial." Cancel the "fixed dial" function.

When you are unable to charge the battery:
This may be the result of one of the following three cases.
1. Your charger may be out of order. Contact your nearest dealer.
2. You may be attempting to use the phone in an overly hot/cold

temperature. Try changing the charging environment.

3. Your battery may have not been connected to the charger properly. Check the connector.

When you are unable to input data into the Phone Book:

Your Phone Book memory may be full. Try deleting some entries from your Phone Book.

When you are unable to select a certain function:

You may not have subscribed to that function, or your network service provider may be in an area where such service cannot be provided. Contact your local service provider.

Performance and safety

The following list shows how to maintain your mobile phone, together with precautions to take.

- Keep your mobile phone and its accessories out of the reach of children.

- Maintain your mobilephone in dry condition and keep it within normal operating temperatures. Temperatures higher than 55 C (131 F) or lower than -20 C (-4 F) may damage your phone.

- Do not use or store your mobile phone in dusty, dirty areas.

- Do not attempt to disassemble your mobile phone.

- Do not drop or cause severe impact to the phone.

- Do not use chemical products, cleaning solvents or detergents to clean your mobile phone.

- If your mobile phone does not work properly, contact your dealer immediately.

- Use only authorised batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorised batteries, battery chargers and accessories will void the limited product warranty.

- Ensure that the earthing points of the battery and battery charger are not in direct contact with conductive objects.

Glossary

To help you understand the main technical terms and abbreviations used in this booklet and take full advantage of the features of your mobile phone, here are a few definitions.

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

Ability to re-route calls to another number.

Call Holding

Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting

Ability to inform users that they have an incoming call while engaged on another call.

CLI (Caller Line Identification) Services

Services allowing subscribers to view or block the telephone numbers of callers.

EMS (Enhanced Message Service)

Network service sending and receiving messages that include images, sounds and animations to and from another user without having to speak to the correspondent.

GPRS (General Packet Radio Service)

New non-voice value-added service that allows information to be sent and received across a mobile telephone network. GPRS guarantees continuous connection to the Internet for mobile phone and computer users. It is based on the Global System for Mobile Communication (GSM) circuit-switched mobile phone connections and the Short Message Service (SMS).

GSM (Global System for Mobile Communication)

International standard for mobile phone communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

Multiparty Calling

Ability to establish a conference call involving up to five additional parties.

PIN (Personal Identification Number)

Security code that protects the phone/SIM against unauthorised use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)

Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming

Use of your phone when you are outside your home area (when travelling for example).

SIM (Subscriber Identification Module)

Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's

personal data).

The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS (Short Message Service)

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received can be displayed, received, edited or sent.

Soft Keys

Two keys marked on the phone, that:

• vary according to the function that you are currently using

• are indicated on the bottom line of the display just above the corresponding key

Voice Mail

Computerised answering service that automatically answers your calls when you are not available, plays a greeting (optionally in your own voice) and records a message.

FCC & Industry Canada Regulatory Compliance

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.

Your mobile device is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August

1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile device. Those guidelines are consistent with safety standards previously set by both U.S. and international standards bodies: American National Standard Institute (ANSI), National Council of Radiation Protection and Measurements (NCRP), and International Commission on Non-Ionizing Radiation Protection (ICNRP). Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. The design of your Module complies with the FCC guidelines and applicable

Statement according to FCC part 15.105

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

. Reorient or relocate the receiving antenna.

. Increase the separation between the equipment and receiver.

. Connect the equipment into an outlet on a circuit different from that to

which the receiver is connected.

. Consult the dealer or an experienced radio/TV technician for help.

Statement according to FCC part 15.21
Modifications not expressly approved by this company could void the user's authority to operate the equipment.

RF exposure FCC
For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 15mm (0.6 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.
This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Health and Safety Information FCC
This EUT has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-200X (Draft 6.5, January 2002).
Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg *.

  * In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

This device contains 1800 MHz not operational in U.S. Territories.
This filing is only applicable for 850/1900 MHz operations.