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PG-6200

USER'S MANUAL

5U010129000 REV01

USER'S MANUAL **PG-6200**

Thank you for choosing Pantech PG-6200 and welcome to wireless mobile communication networking with the PG-6200, our tri-band GSM mobile phone.

Pantech is delighted to introduce this outstanding mobile phone which will keep you constantly connected to the network.

This User Manual explains in detail your phone's features and functions and how to use them.

NOTE Some information in this User Manual may differ from your phone, depending on your software version and network provider.

Design

Clamshell phone with internal and external TFT displays

Displays

- 30.096 mm x 37.62 mm (1.9″) internal display
- 18.144 mm x 24.192 mm (1.2″) external display
- Supports up to 262K colors in 176 x 220 pixels (internal display) and 65K colors in 96 x 128 pixels (external display)
- 7 lines for text in basic mode with 18-pixel font
- Two programmable “Soft” selection keys; five-way scroll/selection key

Melodies

MP3, AAC, AAC+, AMR, G-MIDI, SP-MIDI, C-MIDI, SMF, XMF, RTTL, IMelody

Camera

Integrated UXGA (2MP) CMOS camera

- Resolution up to 1600 x 1200
- Mpeg4 Video recording/replay up to 30 f/s (QCIF size)
- Mpeg4 Video maximum size QVGA
- Self timer function (5 sec or 10 sec)
- Phone display used as a viewfinder
- Photo album in Gallery
- Photo Gallery for image storage and editing
- 3 image quality options: Fine, Normal, Low
- Flash light supported

Dimensions & Weight

- Weight: 92g
- Dimensions: 87.0 mm x 43.6 mm x 20.9 mm

Operating frequencies

- EGSM: 900MHz, DCS: 1800MHz, PCS: 1900MHz networks in Europe, Africa, Asia-Pacific, North America, and South America where these networks are supported
- Automatic band switching

Using a mobile phone while driving may be prohibited.

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

Use of your phone while you are driving may disturb your concentration and so cause an accident. Always switch your phone off as soon as possible.

Should you use your phone in an emergency, either use a hands free device built into your car, or pull over in a safe place first.

Switch off in restricted areas

Always switch your phone off in areas where mobile phone use is restricted.

Switch off in explosive or dangerous areas

Always switch your phone off in areas with explosive or dangerous materials (such as fuels, fuel stations or areas containing chemical goods) and obey any instructions or signals. Do not remove your mobile phone’s battery in such areas.

Switch off in aircraft

Always switch your phone off when you are in an aircraft. The electromagnetic waves emitted by your phone may affect the electronic navigation equipment in the aircraft.

Switch off in hospitals and near medical equipment

Always switch your phone off in hospitals, and obey the regulations or rules of the hospital.

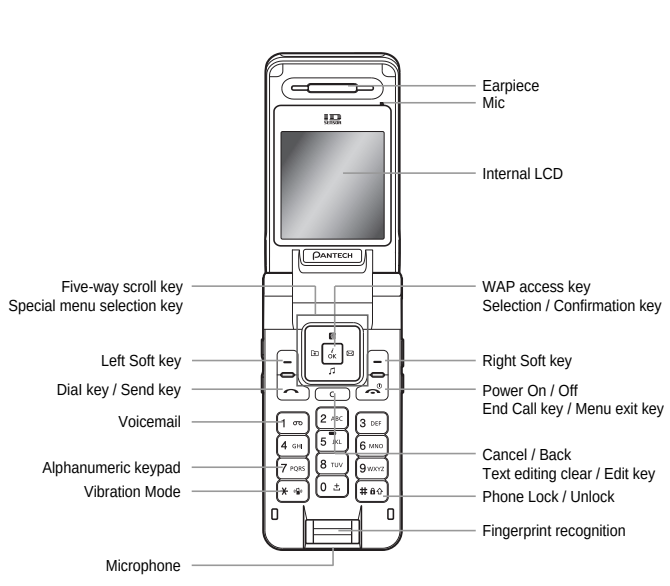
Switch your phone off when using medical equipment for private purposes, if possible. Always consult with the medical equipment’s manufacturer or an expert regarding phone use near the medical equipment.

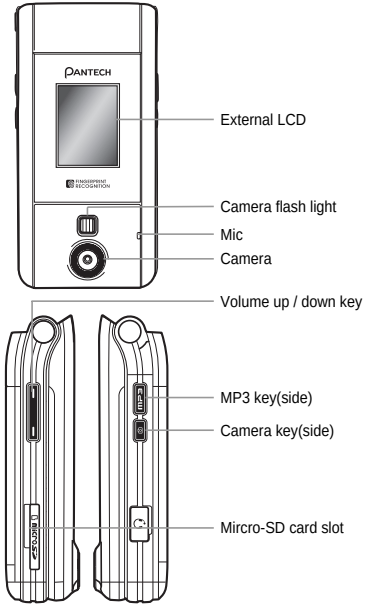
Installing a hands free device in your vehicle

Install vehicle hands free devices away from the steering and airbag expansion area, otherwise injury may result.

Mobile phones and other electronic devices

Mobile phones emit electromagnetic waves that may affect nearby electronic devices. When it is switched on, do not place your phone close to delicate electronic equipment.





Key	Function
Left Right	Performs the functions shown in the bottom line of the display.
	Scrolls through the menu options in Menu mode. In Standby mode, Left key [ ] displays the Favorite list screen. Right key [ ] displays the Messages menu screen. Up key [ ] displays the Registering and Managing Fingerprint screen. Down key [ ] displays the Sound Settings menu, to change your phone's sounds. For details, see Using shortcut keys in Standby mode on page 35.
OK	If pressed in Standby mode, displays the WAP (Wireless Application Protocol) menu. If pressed and held in Standby mode, launches the WAP browser directly. If pressed while using your phone, stores user-entered information (such as a name) or confirms an action.
C	Deletes characters from the display, or returns to the previous menu. If pressed briefly in Standby mode, opens Calendar view.
	Makes or receives a call. If pressed in Standby mode, displays the Recent calls list. If pressed and held in Standby mode, redials the last number called.
	Ends the current call. If pressed and held in Menu mode, cancels user input and returns to Standby mode. If pressed and held, outside Menu mode, switches your phone on/off.

Key	Function
1	If pressed and held in Standby mode, connects to the voicemail server automatically.
0 ~ 9WXYZ	Enters numbers, letters or special characters. If pressed in Standby mode, displays the dialing screen.
*	If pressed and held in Standby mode, enters or exits from Vibration mode. If pressed and held in Text input mode, displays the Symbol input screen. If pressed in Predictive text input mode, switches to Word search mode.
0	Enters an international dialing prefix. In Text input mode, enters the space character.
#	If pressed and held in Standby mode, locks or unlocks your phone. If pressed and held in Text editing mode, toggles between text input modes.
	Adjusts the earpiece volume in calls, and moves the cursor upwards or downwards in menus. If your phone is opened while in Standby mode, controls the key tone volume.
	Turns the camera's Capture mode on. If pressed in Capture mode, takes a photo. If pressed and held, turns the camera's Video mode on.
MP3	If pressed while your phone is open, displays the MP3 player. If pressed and held while your phone is closed, displays the MP3 player.

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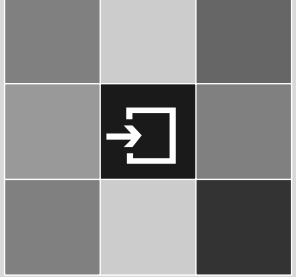
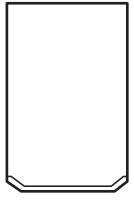


Getting started

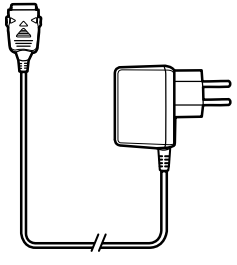
1. Package contents
2. SIM card
3. Battery
4. Internal & external displays
5. Selecting functions and options

1

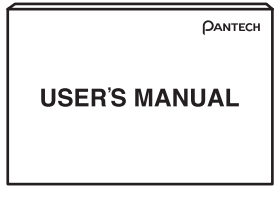
Phone



Battery



Travel Charger



User's Manual

*** The actual contents may vary depending on your region.**

About your SIM card

When you subscribe to your network operator, you receive a SIM (Subscriber Identity Module) card containing your registration information, PIN code, possibly operator dependent additional services, etc.

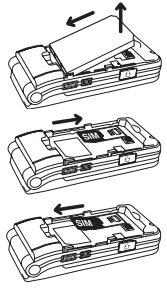
Like a credit card, it should be kept secure and handled carefully.

Do not bend, scratch or expose it to moisture.

Avoid static electricity.

To avoid corrupting your SIM card's memory, always switch off your phone before removing or inserting your SIM card.

Installing / Removing your SIM card



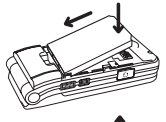
❶ Remove the battery from your phone by pushing and lifting it as shown below.

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

❸ To remove your SIM card, push the SIM card in the arrow direction as shown below.

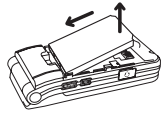
Inserting your battery

Remove the back cover from your phone by sliding it in the direction of the arrow, as shown below.



Put the contacts of your battery into the hole located at the bottom of the unit then press the upper side of the battery, as shown below, until you hear a click.

Removing your battery

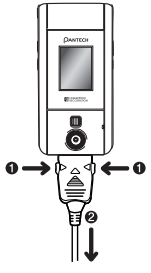


Push the battery lock button upwards, then remove the battery as shown below.

Charging your battery

Your 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 your phone while its battery is being recharged. When the battery is inserted in your phone, open the protective cover located at the bottom of your phone and connect the charger adapter, as shown below. A suitable adapter is supplied with your phone.

When your battery is fully charged, remove the adapter connection from the outlet, then disconnect the adapter from your phone by pressing the adapter's side buttons and pulling the adapter away from your phone, as shown below.



Tip Your phone is powered by a Lithium Ion (Li-Ion) battery. This means that, unlike other forms of battery technology, you can recharge your battery while some charge remains without reducing your phone's autonomy due to the "battery memory effect" inherent in those technologies.

Getting the best from your battery

- Do not use a damaged battery or charger.
- Use your battery for the specified purpose only.
- The closer you are to your network's base station, the longer your phone usage time because less battery power is consumed for the connection.
- The battery recharging time varies depending on the remaining battery capacity and the battery and charger type you use.
- Battery life inevitably shortens over time.
- 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 bring your battery into contact with conductive objects "earth". Similarly, do not bring your phone into contact with conductive objects as this may also damage your battery.
- Dispose of and recycle used batteries in accordance with local regulations. Do not dispose of batteries by burning; they may explode.
- Do not use an unauthorised charger.
- To prevent injury or burns, ensure that no metal objects come into contact with the + and - terminals of the battery.

Your phone has two displays (internal and external). Icons at the top of the internal display indicate your phone' s status.

Internal display

Icon area

Text and graphic area

Displays the following information in Standby mode:
Area information through Cell Broadcast service
Network name
Time and date

Selection key text

Internal display icons

Depending on your phone's status, the following icons may appear at the top of the internal display.

Icon	Description
	Shows the received signal strength. The greater the number of bars, the stronger the signal.
	A call is being made.
	Your phone is outside the network coverage area; you cannot make or receive calls.
	You have received one or more voice messages.

Icon(s)	Description
	You have received one or more text, multimedia or e-mail messages. is displayed if the text message memory is full. is displayed if the multimedia message memory is full. is displayed if the e-mail memory is full.
	Roaming indicator, i.e. you are connected to a network outside your home network.
	A GPRS signal is available. is displayed when there is an active GPRS session.
	Call diverting is activated.
	You have an active alarm.
	The alert type for incoming calls is set to Ring only.
	The alert type for incoming calls is set to Ring ascending.
	The alert type for incoming calls is set to Ring and vibrate.

Icon(s)	Description
	The alert type for incoming calls is set to Vibrate then ring.
	The alert type for incoming calls is set to Vibrate only.
	The alert type for all tones is set to Quiet and the alert type for all rings is set to Vibrate only.
	A headset is connected.
	The auto-answer function is turned on.
	Battery level. The bar indicates the available battery charge. If your battery charge is low, is displayed.
	The Bluetooth function is turned on.
	A Bluetooth headset or hands free kit is connected.

Automatic display off

If you do not press any key for a minute while the internal and external displays are dimmed, the internal display turns off automatically to save power. To restore the display, press any key.

Your phone offers several ways for you to select the phone function you want, for your ease of use. You can access all of your phone's functions when it is open. You can also access handy functions when your phone is closed, by selecting in the external menu or pressing special function keys on the side of your phone.

Selecting functions and options when your phone is open

Your phone offers many phone operating and customization functions arranged in menus and sub-menus.

Each menu and sub-menu allows you to view and change the settings of the particular function.

You access these functions using the [left] Soft key and [right] Soft key selection when your phone is open.

Soft key functions change depending on the current context. The label or icon in the bottom line of the display, above the Soft keys, shows each key's current function.

To display the functions and options available, or select the one required:

❶ Press the left or right Soft key as appropriate.

❷ To select the function displayed or option highlighted, press the left Soft key or the [OK] key.

NOTE In some functions, you may be asked to enter a password or PIN. Enter the required code then press the [OK] key.

❸ To highlight the next or previous option in a list, press the Down or Up scroll key.

❹ To move back to the previous function or option in a list, press the [C] key.

❺ To return to Standby mode, press the [ ] key.

NOTE For further details on selecting functions on your phone, see **7. Selecting menu functions** on page 35..

Selecting functions and options when your phone is closed

You can select frequently used functions even when your phone is closed, using the external menu.

To display the external menu:

Press and hold the [ ] key on your phone's side in Standby mode. The external menu contains the following functions.

MP3 : Switches to MP3 player mode to enable you to play MP3 music.

Camera: Switches to Camera mode to enable you to take photos.

Exit: Exits the external menu screen.

To select additional options by pressing special keys:

Press the appropriate special key.

Key	Description
Up(Phone side)	• If pressed during a call, increases the earpiece volume. • If pressed on receiving a call, mutes the ring tone. • If pressed and held, turns the flash light on for 10 seconds. • If pressed while the external menu screen is displayed, scrolls upwards in the external menu. • If pressed in MP3 player mode, increases the volume. • If pressed in Camera mode, zooms in.
Down(Phone side)	• If pressed during a call, reduces the earpiece volume. • If pressed on receiving a call, rejects the incoming call. • If pressed while the external menu screen is displayed, scrolls downwards in the external display menu. • If pressed and held in Standby mode, displays the external menu. • If pressed in MP3 player mode, reduces the volume. • If pressed in Camera mode, zooms out.
Extra key	• f pressed and held, turns Camera mode on. • If pressed in Camera mode, takes a photo. • If pressed while in the external menu, selects a menu or moves to the sub-menu. • If pressed and held while in the external menu, exits from the menu screen and returns to the standby screen.
MP3 key	• If pressed while your phone is open, displays the MP3 player. • If pressed and held while your phone is closed, displays the MP3 player.

Side key special functions

The side keys on your phone provide quick access to your phone's special functions.

Camera

Close your phone to turn on the camera function.

To take a photo:

Press and hold the [📷] side key to activate Camera mode.

Press the [📷] side key again to take a photo. The photo taken is shown on your display, in View mode.

Press the [📷] side key again to save the photo and name it automatically.

Press the [▯] side key to return to Capture mode.

To activate Video mode:

Press and hold the [📷] key while your phone is open.

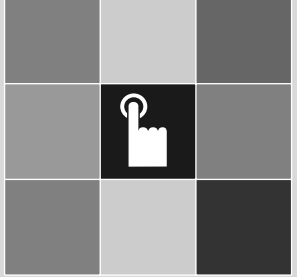
Flashlight

You can use your phone as an emergency flashlight.

To use your phone as a flashlight:

Press and hold the [▯] side key in Standby mode. The camera's flash is lit automatically for 10 seconds.

To turn the flash off, press the [📷] key or [▯] key.



Basic functions

1. Switching your phone on or off
2. Making and ending a call
3. Answering a call
4. Options during a call
5. Using your headset
6. Using your phone's speaker phone function
7. Selecting menu functions
8. Entering text

2

To switch your phone on

1. Open the folder.
2. Press the [ ] key until your phone switches on.
3. If you are asked to input your PIN (Personal Identification Number), enter your SIM card's PIN and press the [ ] key. (For further details, see **Security Settings** on page 83.)

Your phone starts to search for an available network and the current date and time is shown on the internal and external displays. Once connected to the network, you can make and receive calls.

NOTE If a malfunction occurs while you use your phone or it is not turned on, remove the battery then insert it again after 5 to 10 seconds.

NOTE To change the language if you are switching on your phone for the first time, select the Language menu option. (For further details, see **Language** on page 83.)

To switch your phone off

Press and hold the [ ] key until the power-off animation is displayed.

Making and ending a call

To make a call

Enter the area code and phone number from Standby mode, then press the [ ] key.

To clear the last digit displayed, press the [C] key.

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

NOTE If you have turned the [Auto Redial] option on (For further details, see **Auto Redial** on page 82), your phone will attempt to make a call automatically for up to 10 times if it is not answered.

To end a call

Press the [ ] key or close your phone.

Once the call is completed, a call summary (displaying the recipient's name or number, and the call length) is displayed.

To make a call using Call Logs

Your phone logs dialled, received and missed call numbers. The last call number is saved in the first position. If you dialed the same number more than once, only the latest occurrence is saved.

1. Press the [ ] key to display the Call Logs list of dialled, received or missed call numbers in reverse chronological order.
2. Press the [Up] or [Down] scroll key to select the number you want.
3. Press the [ ] key to dial the selected number. (For further details, see **3. Call Logs** on page 58.)

NOTE To redial the last number in the Call Logs list, press and hold the [ ] key.

To make a call using Contacts

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

1. From Standby mode, press the [Right] Soft key to display the View Names list, or press the [ ] key to display the 2. Contacts menu.
2. Select the number you want from View Names.
3. Press the [ ] key to dial the selected number. (For further details, see **2. Contacts** on page 54.)

To make an international call

1. Press and hold the [0+] key for the international prefix until the '+' character is shown on the display.
2. Enter the country code, area code and phone number you want to make a call to.
3. Press the [ ] key.

To speed-dial from Contacts

Press and hold the Speed Dial number to make a call using the number you have saved. For example, press and hold the "5" key to dial a number which you have saved as "5" in your Speed Dial list. (For further details, see **Speed Dialing** on page 56.)

To make an emergency call

You can make emergency calls even if your phone does not contain a SIM card.

1. Select Emergency Number, or press the [SOS] Soft key if your phone does not contain a SIM card.
2. Press the [ ] key.

NOTE This function is standard to all mobile phones. In an emergency, you can make an emergency call using any mobile phone that does not contain a SIM card.

To answer a call

When you receive a call, your phone rings (or vibrates).

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

NOTE This function is network and subscription dependent, and may not be available in all areas.

❶ To answer a call, open your phone.

❷ If your phone is already open, press the [ ] key.

NOTE If your answer type is set to [Any Key], you can answer calls by pressing any key except the [ ] key.

To reply to a missed call

If the incoming call could not be answered, a missed call message is shown on your phone's display to remind you of the call you have missed.

NOTE This function is network and subscription dependent, and may not be available in all areas.

To reply to a missed call, do the following.

❶ Keep your phone open.

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

❸ If necessary, scroll to highlight the number you want by pressing the [Up] or [Down] scroll key.

❹ Press the [ ] key to call the missed call's number.

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

To reject a call

- If your phone is open, press the [ ] key or the [Reject] Soft key.
- If your phone is closed, press and hold the [Up] or [Down] scroll key during the incoming call.

The caller hears a 'busy' tone.

To answer 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 **Call Waiting** on page 82.)

You will be notified of an incoming call by a 'call waiting' tone.

To answer a call while you have another call in progress

Press the [ ] key. The first call is automatically put on hold.

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.

Options during a call

To adjust the call volume

To adjust the earpiece volume during a call, do one of the following.

- To increase the call volume during a call, press the [Up] volume key on the left side of your phone.
- To decrease the call volume during a call, press the [Down] volume key on the left side of your phone.

To switch your microphone off (mute) or on (unmute)

You can temporarily switch your phone's microphone off so that the person you talk to on your 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.

To switch your phone's microphone off

Press the [Mute] Soft key, or press [Option] then select [Mute].

To switch your phone's microphone back on

Press the [Sound] Soft key, or press [Option] then select [Sound].

To put a call on hold, and return to a held call

You can put a 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 put a call on hold

Press the [Option] Soft key then select [Hold], or press the [ ] key. The callers name and icon are grayed while the call is held.

To return to the call

Press the [Option] Soft key then select [Retrieve].

To make a call while you are in a call

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

Press the [Swap] Soft key. The current call is put on hold and the held call is reactivated so that you can continue your conversation with the caller.

To end a call

Press the [ ] key in the normal way.

Transferring a call

You can transfer (connect) the current call to the held call 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, make or answer a call in the normal way then press the [Option] Soft key.
2. Press the [Up] or [Down] scroll key to highlight the [Transfer] option then press the [Select] Soft key or [ ] key.

The two callers will be connected to each other.

Multi-party calls

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 then select the [Join All] option.
4. Press the [Select] Soft key or [ ] key.

To add a new person to a multi-party call

1. Call the person in the normal way.
2. Press the [Option] Soft key then select the [Join All] option.
3. Press the [Select] Soft key or [ ] key.

To add a caller to a multi-party call

Press the [Option] Soft key then select the [Join All] option.

To view the status of multi-party call participants

Press the [Left] or [Right] scroll key. An icon indicates whether the remote party is participating in the multi-party call 'Far Multiparty' or on hold 'Far Hold'.

To answer or make a second call during a multi-party call

1. Place the multi-party call on hold by pressing the [Option] Soft key then selecting the [Hold All Calls] option.
2. Answer or make a call in the normal way.
3. To reactivate the multi-party call on hold, press the [Swap] Soft key.
4. To end the multi-party call, press the [ ] key in the normal way.

To have a private conversation with one participant

1. Press the [Option] Soft key then select the [Private] option.
2. Press the [Select] Soft key or [ ] key.
3. Press the [Up] or [Down] scroll key to highlight the participant you want then press the [ ] key. Now you can talk privately with that person.
4. The other participants can continue the conversation with each other.
5. To return to the multi-party call, press the [Option] Soft key then select the [Join All] option.
6. Press the [Select] Soft key or [ ] key.

All of the multi-party call participants can now hear each other.

To remove one participant from a multi-party-call

1. Press the [Option] Soft key then select the [Exclude] option.
2. Press the [Up] or [Down] scroll key to highlight the participant then press [Select] Soft key or [ ] key. The call ends with that participant, but you can continue to

talk with the other participants.

❸ End the multi-party call by closing your phone or pressing the [ ] key.

Searching for a number in Contacts during a call

❶ Press the [Option] Soft key.

❷ If necessary, press the [Up] or [Down] scroll key to highlight the [Contacts] option. Press the [Select] Soft key.

❸ Select the preferred search type like Name, Group, or Photo.

❹ Press the [ ] key.

❺ The Contacts entries are displayed.

To search for a name or group in Contacts

Enter the first letters of the name for Name Search, or the first letters of the group for Group Search. The entries are displayed starting with the first entry matching your input.

To find a name manually in Contacts

Press the [Up] or [Down] scroll key.

To view the highlighted entry in Contacts

Press the [ ] key. (For further details, see **2. Contacts** on page 54.)

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 any key tones during calls.
To communicate with answering machines or computerised telephone systems, you must select the [DTMF On] option.

To turn DTMF tones off or on

Press the [Option] Soft key then select the [DTMF Off] or [DTMF On] option.

Reading or writing a message during a call

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

❶ Press the [Option] Soft key.

❷ Press the [Up] or [Down] scroll key to highlight the [Messages] option then press the [Select] Soft key or [ ] key.

- To read a received message, select the Inbox subcommand then scroll to the message that you want to read.
- To write a new message, select the Write New subcommand then press the [ ] key. (For further details, see **Write New** on page 43.)

To switch to a Bluetooth headset or hands free kit during a call

This function is available when a Bluetooth headset or hands free kit is connected during a call.

To switch to a Bluetooth headset or hands free kit

Press the [Option] Soft key then select the [Retrieve Call in Headset/Handsfree] option.

To switch back to your phone during a call

Press the [Option] Soft key then select the [Retrieve Call in Phone] option.

NOTE While you are on a call using your phone, you can also press a button on the Bluetooth headset or hands free kit to talk using the headset or hands free kit.

Using your headset

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

When you connect your headset to the jack located at the top of your phone, the button on the headset works as follows:

- To list 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 the call
- To end a call, press the button when you have finished the call

Using your phone's speaker phone function

To use your phone's speaker phone function during a call, press the [Option] Soft key then select [Speaker On], or press the [left] Soft key.

To deactivate the speaker phone function, press the [Option] Soft key then select [Speaker Off].

NOTE 1.You may cause an accident if you use the speaker phone function when driving. When driving you should use an EarMic and Speaker Phone car kit instead.
2.While using the speaker phone function, do not place your phone close to your ear as this may damage your hearing.

Displaying your phone's menu functions

To display your phone's menu functions, press the [Left] Soft key (Menu) in Standby mode.

Moving within your phone's menu and submenu functions

To move within your phone's functions and select the function or value you want, press the following keys.

Key	Function
[ ]&[ ] Key	Moves within the main menu functions.
[ ]&[ ] Key	Moves within the submenu functions.
[ ] key	Displays the submenu if one exists, or Selects the highlighted function or value, or Displays the WAP menu.
[ ] key	Returns to the previous menu function.

NOTE You can input the menu function number to access the submenu function quickly. For details of the menu tree listing all menu function and subfunction numbers, see **Menu tree** on page 108.

Using shortcut keys in Standby mode

Key	If pressed	If pressed and held
[Left] key	Displays menu	
[Right] key	Displays View Names	
[ ] key	Displays Messages menu	Displays Write New menu
[ ] key	Displays Fingerprint menu	
[ ] key	Displays WAP browser	Connects directly to WAP browser
[ ] key	Displays Favorite menu	Photo Gallery menu
[ ] key	Displays Sound Settings menu	
[ ] key	Displays Calendar Monthly View	
[ ] key	Displays Recent Calls list	Redials last call
[ ] key	Activates Photo Capture mode	Activates Video Capture mode
[MP3] key	Displays MP3 player menu	

Input Mode

On many occasions you need to input text while you are using your phone (when storing a name in your Contacts, writing a new message, creating your greeting or scheduling events on your calendar, for example).

You can select from the following methods (modes) of inputting text on your phone.

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 ABC mode (see below).

ABC mode

In this mode, you input the letter you want by pressing the keypad once to select the first letter on the key, twice to select the second letter on the key, three times to select the third letter on the key and so on until the letter you want appears.

123 mode

You can input numbers in this mode.

Symbol mode

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

To change Text input mode

When you are in the area where you can input the text, the text input mode indicator is displayed at the bottom of your phone's display.

Example: When entering a memo.

←The number of remaining characters you can enter.

←Editing area

←The current text input mode and language

❶ Press the [Right [-]] Soft key indicating the current Text input mode.

❷ Toggle to the mode you want to use by pressing the [Right [-]] Soft key again as many times as necessary.

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

To insert a space

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

To insert a space at the end of a line, press the [Right] scroll key to add a new space character.

Scrolling

To move the cursor to the left or right within the text, press the [Left] or [Right] scroll key.

To move the cursor up or down within the lines, press the [Up] or [Down] scroll key.

NOTE By pressing the [Up] or [Down] key on the side of your phone, you can move the cursor 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.

To clear all of the letters on the display, press 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, do the following.

Key	Function
[*] (long press)	Displays the symbol screen.
[0 ±] (short press)	Enters a space character
[# ⇔] (long press)	Changes the Text input mode
[C] (short press)	Deletes characters one by one. After deleting all characters, returns to the previous screen.
[C] (long press)	Deletes all characters and moves the cursor to the beginning of the input screen.

Using T9 mode

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

1. Press the keys numbered [2 ABC] to [9 WXYZ] to input text. For example, press [4 GHI][3 DEF][5 JKL][5 JKL][6 MNO] in sequence to input 'hello'. The word you are typing appears on the display. It may likely 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 [*] key to search which text can be typed in. Your phone displays the most commonly used choices first.
5. When the word you want is displayed, press [0 ±] to enter a space character (and so complete the word).
6. Continue entering the next word.

Using ABC mode

When typing in ABC mode, press the key labeled with the target letter once for the first letter; press it twice for the second letter, and so on.

Example: To display the letter "C", quickly press the [2 ABC] key three times. To display the letter "K", press the [5 JKL] 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] scroll 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 below for more information about the characters available. The characters vary depending on the text input language.

[English]

Key	Characters in displayed order
1	. , - ? ! ' @: _1
2 ABC	a b c 2
3 DEF	d e f 3
4 GHI	g h i 4
5 JKL	j k l 5
6 MNO	m n o 6
7 PQRS	p q r s 7
8 TUV	t u v 8
9 WXYZ	w x y z 9
0 ±	Space 0

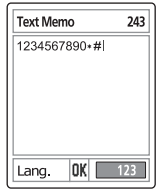
Changing case

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

There are three cases:

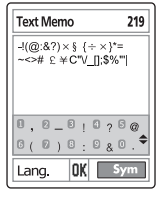
- Lower case (no indicator)
- Initial capital (⬆)
- Capital lock (⬆)

Using 123 mode



The number (123) mode allows you to enter numbers into your text. Press the key corresponding to the digit you want to enter.

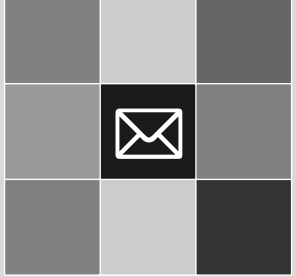
Using Symbol mode



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

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

To input a symbol, press the number for a symbol, and the text will appear in the input screen. To exit from Symbol mode, press [# ⇧○] longer, or press the [Right] Soft key. If you entered a symbol by pressing [# ⇧○] longer, press the key again to return to the previously selected mode. To toggle to the mode following Symbol mode, press the [Right] Soft key.



Applications

1. Messages
2. Contacts
3. Call Logs
4. Media Gallery
5. Multimedia
6. Settings
7. Organiser

3

This function allows you to create, send, read and save a message using the Short Message Service (SMS: text messages), Enhanced Message Service (EMS: messages including a simple image, animation or melody) or Multimedia Message Service (MMS: messages supporting presentation of various media types, such as full color images and polyphonic ring tones) provided by your network operator, or an e-mail service.

Voice mails are also available.

Press the [Menu] Soft key then select 1. Messages.

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

Text Msg.

Short message service (SMS) allows you to send and receive a short text message to and from other GSM phones.

To send a text message by phone, you must obtain the number of the SMS centre from your service provider.

Multimedia Msg.

Multimedia Message Service (MMS) is a messaging service similar to Short Message Service (SMS). It provides asynchronous delivery of personal multimedia messages.

In addition to the familiar text content of text messages, multimedia messages can contain images, graphics, and/or sound. An 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 a multimedia message and/or send a picture message, depending on MMS availability from your service provider. Only phones that support the multimedia message feature can receive or display the multimedia message.

Your phone also supports the 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.

E-mail

Before you can send, receive, retrieve, reply to, and forward e-mail to a separate e-mail account, you must define your e-mail settings correctly. (For further details, see **Settings** on page 50.)

Write New

Press the [Menu] Soft key then select 1. Messages then select 1.Write New, then press [OK] key.

Select the type of message you want to write.

- Text Msg.: Write new SMS or EMS message.
- Multimedia Msg.: Write new MMS message.
- E-mail: Write new E-mail.

Editor options for Text Msg.

While you are entering a text message, press the [Option] Soft key to select from the following functions.

- Language: The selected language is displayed at the bottom right corner of your phone's display.
- Add Picture: Loads the selected item.
- Add Animation: Loads the selected item.
- Add Melody: Inserts the selected melody and plays it back once.
- Add Template: Inserts a clause stored in a Template.
- Save as Draft: Transfers the message to Draft Box and saves it in your phone's memory.

Editor options for Multimedia Msg.

While you are editing multimedia messages, slide page information is displayed in the top right corner of your phone's display.

❶ While you are creating a multimedia message, the [Option] Soft key to select from the following functions.

- Edit Subject: Edits the message subject. (For further details, see **7. Selecting menu functions** on page 35.)
- Add Text: Enters new text into the message. (For further details, see **7. Selecting menu functions** on page 35.)
- Add Image: Adds an image from the Image Gallery. Press the [OK] key to select the image from the image list. (For further details, see **Image Gallery** on page 65.)
- Add Photo: Adds a photo from Photo Gallery. Press the [OK] key to select the photo from the photo list in a folder. (For further details, see **Photo Gallery** on page 63.)
- Take a Photo: Adds a new photo by taking a photo using the camera feature. (For further details, see **Taking photos when your phone is open** on page 68.)
- Add Sound: Adds a sound. Press the [OK] key to select the sound from the sound list. (For further details, see **Sound Gallery** on page 66.)
- Add Video: Adds a video clip from the Video Gallery.

Press the [OK] key to select the video clip from the video clip list.

- Take a Video: Takes a new video clip using the Camera function.
- Add Template: Adds a multimedia message template. This feature is available only when there are no items on the slide. If there is more than one slide, the Add Template function is not available.

❷ While you are editing a multimedia message, press the [Option] Soft key to select from and use the following options.

- Delete Text: Deletes the selected text.
- Add Object: Adds an image, photo, sound, slide or video.
- Preview: Shows the message as it appears on the recipient's phone.
- Edit Subject: Edits or modifies the subject. (For further details, see **7. Selecting menu functions on** page 35.)
- Slide Timing: Sets how long the received message is displayed for. The display automatically scrolls to the next slide page after the specified time.
- Page Layout: Arranges the image and text display position in the slide page. You can set this to Image at Top or Text at Top.
- Save as Draft: Transfers your message to Draft Box and saves it in your phone's memory.

❸ Press the [Edit], [Add] or [Replace] Right Soft key to use the following options.

- Edit: Edits the displayed text.
- Add: Adds an image, photo, sound or slide, or takes a photo or video clip.
- Replace: Changes added objects.

Editor options for E-mail

While you are entering an E-mail message, press the [Option] Soft key to select from the following functions.

- Add Subject (or Edit Subject): Adds or edits a subject.
- Add Text (or Edit Text): Adds or edits text.
- Add Attachment (or Edit Attachment): Adds or edits an e-mail attachment.
- Add Template: Adds the text of an e-mail template to the email text.
- Delete Object: (Displayed when an object is selected) Deletes the selected object.
- Save as Draft: Moves the e-mail message to the Draft Box and saves it in your phone's memory.

Press the [Edit], [Add] or [Replace] Right Soft key to use the following options.

- Add: Adds the subject, main text or attachment.
- Edit: Adds the subject, main text or attachment.
- Delete: Deletes the selected object.

Sending a message

To send Text Msg.:

❶ When you have completed entering the message, press the [OK] key.

❷ Input the recipient's phone number on the Number Screen. Press the [Option] Soft key to search for a number in Contacts or Recent Calls. You can add up to 5 recipients.

❸ Press the [OK] key. If the transmission fails, the message is saved in the Outbox, from where you can send it again.

To send Multimedia Msg. and E-mail:

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

❷ Input the recipient's number or e-mail address. You can also search for a number or e-mail address in Contacts by pressing the [Option] Soft key.

❸ To send the message to several recipients (up to 15 recipients), repeat from step 2.

❹ When you have finished entering recipients, press the [OK] key.

Inbox

Press the [Menu] Soft key then select 1.Messages then select 2.Inbox, then press the [OK] Key.

The Inbox contains all message types, each of which is detailed below.

Text Msg.

To list text messages in Inbox:

In the Inbox, select Text Msg. then press the [OK] key.

To open a text message in Inbox:

When the Text Msg. messages in Inbox are displayed, select the text message then press the [OK] key.

To reply to a text message:

Press the [Reply] Soft key to write a new message to the sender's number. The Write New screen is displayed. (For further details, see **Write New** on page 43.)

To manage text messages in Inbox:

In Text Msg., select a text message then press the [Option] Soft key to select from the following functions:

- Delete: Deletes the selected message.
- Forward: Prepares the received message for sending to another recipient.
- Delete All: Deletes all text messages in the Inbox.
- Save to Phone / SIM: Saves the selected message to Phone or SIM.
- Reply: Writes and sends a new message using the recipient's number.

To manage a text message opened in Inbox:

When the text message is open, press the [Option] Soft key to select from the following functions.

- Delete: Deletes the selected message.
- Forward: Prepares the received message for sending to another recipient.
- Cut: Cuts the following objects included in the message.

  1.Objects: Displays all objects included in the message.

  2.Numbers: Displays a list containing all numbers contained in the received message, enabling you to select one for adding to a new or existing Contacts entry.

  3.URLs: Saves the URL information contained in the message. The selected URL is saved in the bookmark.
- Save as Template: Saves the current message in template form.
- Reply: Writes and sends a new message using the recipient's number.

Multimedia Msg.

You can choose to receive multimedia message notifications through the SMS network and so select which specific multimedia messages you want to download.

To select multimedia messages for download in Inbox:

1. In the Inbox, select Multimedia Msg. then press the [ ] Key.
2. Check for new messages, and then select a message you wish to download.
3. Select Download to download the message.
4. If Auto Download is set to On, you will not be notified and the message will be downloaded automatically and saved in the Inbox as unread.

To manage multimedia messages:

1. In Multimedia Msg., select the message you want to manage.
2. To select from the following functions, press the [Option] Soft key:
   - Delete: Deletes the selected message.
   - Forward: Prepares the received message for sending to another recipient.
   - Delete All: Deletes all multimedia messages in the Inbox.
   - Reply: Creates a new multimedia message for sending to the sender's number.

To edit a multimedia message:

1. In Multimedia Msg., select the multimedia message you want to edit then press the [ ] key.
2. To select from the following functions, press the [Option] Soft key:
   - Delete: Deletes the selected message.
   - Forward: Prepares the received message for sending to another recipient.
   - Cut: Cuts the following objects included in the message.

     1.Objects: Displays all objects included in the message.

     2.Numbers: Displays a list containing all numbers contained in the received message, enabling you to select one for adding to a new or existing Contacts entry.

     3.URLs: Saves the URL information contained in the message. The selected URL is saved in the bookmark.
   - Save as Template: Saves the current message in template form.
   - Message Info.: Displays information on the selected message (sender, subject, and size).
   - Reply: Creates a new message for sending to the sender's number.

CB Msg. options

Cell Broadcast (CB) messages are messages sent regularly to you through your service provider's network. These contain information such as news bulletins, weather forecasts, sports results or other information sent to you automatically. These messages are downloaded automatically into the CB Msg. folder of the Inbox.

To select from either of the following functions, press the [Option] Soft key:

- Delete: Deletes the selected message.
- Delete All: Deletes all CB messages in the Inbox.

E-mail options

1. In the Inbox, select E-mail then press the [OK] key.
2. To select from the following functions, press the [Option] Soft key:

- Check for E-mail: Checks whether you have received e-mails that have not been downloaded from your service provider's POP server.

NOTE The POP server does not delete unread e-mails, since there may be truncated e-mails depending on your phone's storage capacity. New e-mails are downloaded to your phone, not unread e-mails.

- Download in Full: Downloads into your phone's user memory all e-mails that have been truncated or could not be received due to the size limit in your phone's E-mail Settings.

Outbox

The Outbox contains all messages you have not yet sent.

Press the [Menu] Soft key then select 1.Messages then select 3.Outbox, then press the [OK] key.

To resend an unsent message:

1. In the Outbox, select the unsent message you want to resend.
2. Press Resend to send the message again.

To manage messages in Outbox:

1. In the Outbox, select the unsent message you want to resend.
2. To select from the following functions, press the [Option] Soft key:

- Edit: Edits the selected message.
- Delete: Deletes the message.
- Delete All: Deletes all messages in the Outbox.
- Resend: Resends the selected message.

To edit a message in Outbox:

1. In the Outbox, select the unsent message you want to edit then press the [OK] key.
2. To select from the following functions, press the [Option] Soft key:

- Edit: Sends the selected message.
- Delete: Deletes the message.
- Save as Template: Saves the current message as a template.
- Resend: Resends the message.

Draft Box

Draft Box contains all messages you have edited and saved.

Press the [Menu] Soft key then select 1.Messages then select 4.Draft Box, then press the [OK] key.

To manage messages in Draft Box:

1. In the Draft Box, select the saved message you want to manage.
2. Press the [Edit] Soft key to edit the saved message, or press the [Option] Soft key to select from the following functions:

- Delete: Deletes the message.
- Delete All: Deletes all messages in the Draft Box.
- Edit: Edits the selected message.

To edit a message in Draft Box:

1. In the Draft Box, select the unsent message you want to edit then press the [OK] key.
2. To select from the following functions, press the [Option] Soft key:

- Edit: Sends the message.
- Delete: Deletes the message.
- Save as Template: Saves the current message as a template.
- Send: Sends the message.

Sent Box

Sent Box saves all messages sent from your phone.

Press the [Menu] Soft key then select 1.Messages then select 5.Sent Box, then press the [OK] key.

To resend a sent message:

1. In the Sent Box, select the sent message you want to resend.
2. Press Resend to send the message again.

To manage messages in Sent Box:

1. In the Sent Box, select the sent message you want to manage.
2. To select from the following functions, press the [Option] Soft key:

- Edit: Edits the selected message.
- Delete: Deletes the selected message.
- Delete All: Deletes all messages in the Sent Box.
- Resend: Resends the selected message.

To edit a message in Sent Box:

1. In the Sent Box, select the sent message you want to edit then press the [OK] key.
2. To select from the following functions, press the [Option] Soft key:

- Edit: Sends the message.
- Delete: Deletes the message.
- Save as Template: Saves the current message as a template.
- Resend: Resends the message.

Templates

A template contains a block of text for quick insertion into text messages, multimedia messages or e-mails.

Press the [Menu] Soft key then select 1.Messages then select 6.Templates then press the [OK] key.

To manage templates:

1. In Templates, select the template you want to manage.
2. To select from the following functions, press the [Option] Soft key:

- New: Makes a new template. Not available if the template space is full.
  1. **Text Msg.**: Creates a new text template.
  2. **Multimedia Msg.**: Creates a new multimedia template.
  3. **E-mail**: Creates a new e-mail template.
- Delete: Deletes the selected template.
- Delete All: Deletes all templates.
- Edit: Edits the selected template.

To edit a template:

1. In Templates, select the template you want to edit then press the [OK] key.
2. To select from the following functions, press the [Option] Soft key:

- Send: Sends the template.
- Delete: Deletes the template.
- Edit: Edits the template.

Settings

Before you can send or receive messages using your phone, you must configure their settings first. This information is normally provided by your service provider.

Text Msg.

Before you can send and receive text messages, you must configure the following settings.

- Message Centre: The number of your SMS center, required when sending a message. You must obtain this number from your service provider.
- Message Lifetime: The length of time your message is stored at the message center while attempting to deliver it.
- Message Type: The message type: Normal, Fax, Voicemail, ERMES, National Paging, X.400, or Internet. The service provider's network converts text messages sent from your phone to the selected format.
- Receive to: The location where a text message is stored after it is received. If the storage space of the selected location is full, the message is saved in the other storage location. Press the [Left] or [Right] scroll key to choose either Phone or SIM.
- Save Message: Specifies whether the completed message is saved in the Sent Box after it is sent. Press the [Left] or [Right] scroll key to choose either On or Off.
- Delivery Report: If this option is set to Off, your phone does not send a reply to the sender's phone if they ask for a delivery confirmation reply.
- TTS Message Alert: If this option is set to On, you are sent a TTS alert informing you when a new message is received.
- TTS Message: If this option is set to On, when checking the message you can hear the message via TTS.

Multimedia Msg.

Before you can send and receive multimedia messages, you must configure the following settings.

MMS Profile:

- Profile Name: Input the profile name.
- Home URL: Input the connection URL.
- Connection Type: Select WAP or HTTP.

GSM Settings

- IP Address: The IP address. A point is added after every 3 digits.
- IP Port: The IP port number.
- Login ID: The ID used to sign in to the gateway.
- Password: The password used to sign in to the gateway.
- Data Call Type: Press the [Left or [Right] scroll key to choose either ISDN or Analog.

- Dial Number: The dial number.
- Login ID: The ID to sign in via GSM.
- Password: The password used to sign in via GSM.

GPRS Settings

- IP Address: The IP address. A point is added after every 3 digits.
- IP Port: The IP port number.
- Login ID: The ID used to sign in to the GPRS service
- Password: The password used to sign in to the GPRS service.
- APN: The Access Point Name.
- Login ID: The ID used to sign in to the GPRS service.
- Password: The password used to sign in to the GPRS service.
- DNS Settings: The IP addresses for the Domain Name Servers. You can enter the primary and secondary DNS. This function is available only when you are connected to HTTP.
- Bearer: Press the [Left] or [Right] scroll key to select either GPRS Only or GSM Only.

Message Lifetime:

Allows you to set the duration of time your message is stored at the message centre while attempting to deliver it.

Auto Download:

Specifies whether you receive multimedia messages automatically on your phone or you are notified of receiving a multimedia message. Press the [Left] or [Right] scroll key to select either On or Off.

Save Message:

Specifies whether multimedia messages are saved in the Sent Box after they are sent. Press the [Left] or [Right] scroll key to select either On or Off.

Read Report:

If this option is set to On, the network informs you whether or not your message has been delivered successfully. Press the [Left] or [Right] scroll key to select either On or Off.

Delivery Report:

If this option is set to Off, your phone does not send a reply to the sender's phone if they ask for a delivery confirmation reply. Press the [Left] or [Right] scroll key to select either On or Off.

E-mail

Before you can send and receive e-mail messages, you must configure the following settings.

Max. Message Download Size:

Defines the maximum size of e-mail messages downloaded. If the e-mail message is larger than the specified size, it is truncated. Press the [Left] or [Right] scroll key to select between 30KB, 60KB, 100KB, and 300KB.

E-mail Accounts:

Specifies the list of e-mail accounts. Press the [ ] key to delete, rename, set as the default, or edit the selected account. The default account is the account which is used to send e-mails. The default account cannot be deleted. When you choose to edit an account, you can configure the settings below.

You can also create a new account.

- User Display Name: The name which appears in sent e-mail headers.
- E-mail Address: Your e-mail address.
- Username: The ID used to sign in to the e-mail server.
- Password: The password used to sign in to the e-mail server.
- Data Connection: The Internet data connection used to connect to the email server.
- GPRS: Select this item then press the [Edit] Soft key to edit the APN Name, User ID, and Password.
- CSD: Select this item then press the [Edit] Soft key to edit the Dial Number, User ID, Password, and Modem Type (ISDN or Analog).
- Incoming Server: The POP3/IMAP server used to receive email.
- Outgoing Server: The SMTP server used to send e-mail.
- SMTP Authenticate: If set to Yes then the username and password are used to authenticate your identity when you send e-mail messages using the SMTP protocol. Press the [Left] or [Right] scroll key to select either Yes or No.
- Save Message: Specifies whether e-mail messages are saved in the Sent Box after they are sent. Press the [Left] or [Right] scroll key to select either On or Off.
- Saving Memory: Specifies where received e-mails are stored. Press the [Left] or [Right] scroll key to select between the following:

  Internal Memory: Saves the files, which are attached to E-mail, in your phone. However, only certain file types can be saved.

External Memory: Saves the files, which are attached to E-mail, in your phone's memory. In this case, all file types can be saved in the Attachments folder.

CB Msg.

Before you can receive Cell Broadcast (CB) messages, you must configure the following settings.

- Language: Specifies the language of CB messages your phone will receive.
- Info. Subjects: Specifies the subject of CB messages your phone will receive:

  Standard: Predefined subject list.

  Custom: User-defined subject list.
- Receive: Press the [Left] or [Right] scroll key to specify whether or not you want to receive CB messages.

Voice Mail

Before you can access the voice mailbox provided by your network service provider, you must configure the following settings.

- Call: Calls the predefined voice mail system to check whether you have voice mail.
- Voice Mail Number: Specifies the voice mail recipient number manually.

Memory Info.

This function displays the amount of used and available memory on your phone.

Press the [Menu] Soft key then select 1.Messages then select 8.Memory Info, then press the [OK] key.

Contacts

You can store your personal contacts, which can be added or deleted at any time, on your phone. You can save up to 800 contacts on the SIM or in your phone memory.

Displaying your Contact details

Press the [Menu] Soft key then select 2.Contacts.

Adding a new contact

1. Press the [Menu] Soft key then select 2.Contacts then select 2.Add Contact.
2. Add the information for your new contact. Initially, an empty field with a gray color will appear until you input text.

NOTE Depending on how your phone's Memory in Use setting is configured, the following fields are displayed.

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

Editing contacts

You edit your contacts using the Add Contact screen.

Searching for a name or group

Name Search

Press the [Menu] Soft key then select 2.Contacts then select 1.Search then select 1.Name Search. To search for a phone number from Contacts, do the following.

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

To manage contacts, press the [Option] Soft key to select from the following functions:

- Send Message: Sends a message to a selected recipient.
- Edit: Edits and saves the selected contact's details
- Delete: Deletes the selected item.
- Send via Bluetooth: Transmits the selected contact's information via Bluetooth.
- Add to Speed Dial: Adds the selected number to Speed dial.
- Move to SIM/Phone: Moves the selected contact's details to your SIM or your phone.
- Language: Changes the language.
- New: Creates a new contact.

Group Search

Press the [Menu] Soft key then select 2.Contacts then select 1.Search then select 2.Group Search.

This function lists all phone numbers in the group you specify.

Service Number

This function displays the list of service numbers available using your SIM card is displayed.

Press the [Menu] Soft key then select 2.Contacts then select 1.Search then select 3.Service Number.

If necessary, scroll to a number by pressing the [Up] or [Down] scroll key then press the [ ] key to dial the number.

NOTE This feature may not be available depending on your SIM card.

Configuring Groups settings

This function is used to configure the settings for the five predefined caller groups: No Group, Family, Friends, Business, and VIP.

Press the [Menu] Soft key then select 2.Contacts then select 4.Groups.

To change the group ring tone, press the [Option] Soft key then select Group Ring Tones.

To add your own groups to the predefined groups, press the [Right] scroll key when the predefined five groups are displayed.

Speed Dialing

This function enables you to use the Speed Dialing function to dial a Contact by pressing a Speed Dial number in Standby mode.

Managing Speed Dial numbers

Press the [Menu] Soft key then select 2.Contacts then select Add to Speed Dial. The Speed Dial numbers range from 2 to 9, totaling 8 Speed Dial numbers.

To add a Speed Dial number:

1. Press the [Up] or [Down] scroll key to move to an empty entry then press the [Add] Soft key.
2. Press the [Up] or [Down] scroll key to choose a contact then press the [Left] or [Right] scroll key to select their number.
3. Press the [ ] key to save the number in the Speed Dial list.

To delete a Speed Dial number

Press the [Up] or [Down] scroll key to move to the entry you want to remove from the Speed Dial list then press Delete.

Delete All

This function deletes all information saved on your phone or SIM card.

Press the [Menu] Soft key then select 2.Contacts then select 8.Delete All.

Memory Info.

This function displays the amount of memory in use on your phone/SIM.

Press the [Menu] Soft key then select 2.Contacts then select 9.Memory Info.

Business Card

This function enables you to save your business card and send it to the phone of another Bluetooth user. You can edit or delete the saved numbers.

Press the [Menu] Soft key then select 2.Contacts then select 5.Business Card.

To manage your business card information, press the [Option] Soft key to select from the following functions:

- Send via Bluetooth: Sends your business card via Bluetooth.
- Delete: Deletes the saved business card.
- Edit: Edits the saved business card.

Memory in Use

This function enables you to specify whether you want to save your contact information on your Phone, on your SIM Card, or on either Phone or SIM.

Press the [Menu] Soft key then select 2.Contacts then select 6.Memory in Use.

Copy All

Press the [Menu] Soft key then select 2.Contacts then select 7.Copy All.

Select one of the following.

- Phone to SIM: Enables you to copy the numbers saved on your phone onto your SIM card.
- SIM to Phone: Enables you to copy the numbers saved on your SIM card onto your phone.

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.

Press the [⌓] key in Standby mode, or press the [Menu] Soft key then select 3.Call Logs.

NOTE If Contacts contains the caller's phone number, the name, date and time are displayed. If not, the caller's phone number, date, and time are displayed. To dial a number, press SEND when the number or name is highlighted.

Missed Calls

This function displays the missed calls list showing the time and date of missed calls as well as the number or name of the caller.

Press the [Menu] Soft key then select 3.Call Logs then select 1.Missed Calls.

Press the [Left] or [Right] scroll key to select a missed call.

To manage your missed calls, press the [Option] Soft key to select from the following functions:

- Save Number: (Displayed when the number of the caller is not found in Contacts.) Enables you to record the caller's name and number in Contacts.
- Send Message: Sends a message to the person whose call you missed.
- Delete All: Deletes all missed call records from the list.

Received Calls

This function displays the received call list showing the time and date of a received call as well as the number or name of the caller.

Press the [Menu] Soft key then select 3.Call Logs then select 2.Received Calls.

Press the [Left] or [Right] scroll key to select a received call.

To manage your received calls, press the [Option] Soft key to select from the following functions:

- Save Number: (Displayed when the number of the caller is not found in Contacts.) Enables you to record the caller's name and number in Contacts.
- Send Message: Sends a message to the person whose call you received.
- Delete All: Deletes all received call records from the list.

Dialled Calls

This function displays the dialed calls list showing the time and date of dialed calls as well as the number or name of the caller.

Press the [Menu] Soft key then select 3.Call Logs then select 3.Dialled Calls.

Press the [Left] or [Right] scroll key to select a dialed call.

To manage your dialed calls, press the [Option] Soft key to select from the following functions:

- Save Number: (Displayed when the number you dialed is not found in Contacts.) Enables you to record the recipient's name and number in Contacts.
- Send Message: Sends a message to the person you called.
- Delete All: Deletes all dialed call records from the list.

Recent Calls

This function lists all recent missed calls, received calls and dialed calls, showing the time and date of the calls as well as the number or name of the other party.

Press the [Menu] Soft key then select 3.Call Logs then select 4.Recent Calls.

Press the [Left] or [Right] scroll key to select a call.

To manage your calls, press the [Option] Soft key to select from the following functions:

- Save Number: (Displayed when the number is not found in Contacts.) Enables you to record the caller's or recipient's name and number in Contacts.
- Send Message: Sends a message to the person you called or who called you.
- Delete All: Deletes all call records from the list.

Delete Call Logs

This function allows you to choose to delete all missed, received, or dialed call records or delete all call records.

Press the [Menu] Soft key then select 3.Call Logs then select 5.Delete Call Logs.

Press [Yes] or [No] to confirm you want to execute or cancel this function.

Call Timer

This function displays information on call times.

Press the [Menu] Soft key then select 3.Call Logs then select 6.Call Timer. The following information is displayed.

- Last Call Time: Displays the last call's length, date and time.
- Received, Dialled, Total Call Time: Displays the total call time.
- Reset Call Times: Resets the call timer. To confirm the resetting of all call times, input your phone's password then press the [OK] key.

Call Cost

This function records information on call cost and limits the call charge to prevent you from exceeding your subscription charge.

Press the [Menu] Soft key then select 3.Call Logs then select 7.Call Cost. The following information is displayed.

- Last Call Cost: Displays the cost of the last call.
- Total Call Cost: Displays the cost of all calls.
- Clear Logs: If you input your PIN2 password, this function deletes all call cost logs.
- Max. Cost: Reads or sets the maximum call cost within the service area:

  Read Limit: Reads the maximum number of units.

  Set Limit: Sets the maximum number of units.

- Cost Unit: Reads or sets the cost unit for the service area.

  Read Unit: Reads the cost unit value.

  Set Unit: Sets the current cost unit value and the cost per unit.

GPRS Info.

This function displays the following information on the volume of GPRS data transmitted.

Press the [Menu] Soft key then select 3.Call Logs then select 8.GPRS Info. The following information is displayed.

Current Info.: Displays the total volume of GPRS data transmitted in the current session, in Kbytes.

Last Info.: Displays the total volume of GPRS data transmitted in previous sessions, in Kbytes.

Total Info.: Displays the total volume of GPRS data transmitted and received, in Kbytes.

Clear Logs: Clears the logs recording how much GPRS data you have transmitted.

This function is used to view, play, delete or edit the photos, images and sounds you have saved on your phone.

External Memory

This function allows you to manage the files saved on a Micro-SD card in your phone, to move them to other folders or perform other functions.

Press the [Menu] Soft key then select 4.Media Gallery then select 1.External Memory.

To manage the image, photo and music files saved on your Micro-SD card, press the [Option] Soft key to select from the following functions.

- Set as: Displays the following subfunctions:

  Wallpaper - Adds an image or photo to the Wallpaper list in Display Settings and sets it as the background image shown on your main display.

  Contact - Assigns an image or photo to a contact in Contacts.

- Send as MMS: Sends an image, photo or music file in a multimedia message.
- Rename: Renames an image, photo or music file.
- Delete: Deletes an image, photo or music file.
- Delete All: Deletes all image, photo and music files.
- Information: Displays information on an image, photo or music file.
- Send via Bluetooth: When Bluetooth is turned on, this function sends an image, photo or music file to a Bluetooth phone or other device.
- Copy to Phone: Copies image, photo or music files from your Micro-SD card onto your phone.

NOTE You must turn off your phone before removing a Micro-SD card from it. If not, the card or phone may be damaged.

Troubleshooting when "Check External Memory" popup window appears.

In the situations described below, "External Memory Mount Start" popup window appears when the card is pulled out and reinserted, and then the "Check External Memory" message may continue to appear.

- File is suddenly not saved.
- File list does not show up properly.
- Video clips run slow.
- etc.

Take the following actions.

❶ Connect the phone and PC with USB cable.

❷ Press the [Menu] Soft key, select 8.Connectivity, select 3 USB Mass Storage, and then select On.

❸ When you are using Windows, select from the following options.

- **Windows 2000**
  - he new portable disk folder shows in Windows Explorer. Right-click the mouse on the folder.
  - Select Properties → Tools → Check Now...
  - Check both "Automatically fix file system errors" and "Scan for and attempt recovery of bad sectors," and click Start.
  - Select "Yes" when Windows prompts you to restart the system before checking the disk.
  - Select Start → System Shutdown → System Shutdown.
  - Turn PC power on.
  - Disk checking automatically starts.
  - After checking is complete, press the [Menu] Soft key, select 8.Connectivity, select 2.USB Mass Storage, and then select Off.
  - The "External Memory Mount Start" popup window appears when the MMC card is pulled out from and reinserted into the phone, and then normal operation starts.
- **Windows XP**
  - The new portable disk folder shows in Windows Explorer. Right-click the mouse on the folder.
  - Select Properties → Tools → Check Now...
  - Check both "Automatically fix file system errors" and "Scan for and attempt recovery of bad sectors" and click Start.
  - Checking → Disk Check Complete.
  - Press the [Menu] Soft key, select 8.Connectivity, select 2.USB Mass Storage, and then select Off.
  - The "External Memory Mount Start" popup window appears when the MMC card is pulled out from and reinserted into the phone, and then normal operation starts.
- **When using DOS**
  - Select Start → Programs → Accessories → Command Prompt.
  - In the DOS window, type "CHKDSK F:/F" and press Enter. (Current Directory does not matter.)
  - When the "Would you like to force a dismount on this volume (Y/N)?" message appears, type "Y".
  - When the "Convert lost chains to files? (Y/N)" message appears, type "Y".
  - After checking is complete, press the [Menu] Soft key, select 8.Connectivity, select 2.USB Mass Storage, and then select Off.
  - The "External Memory Mount Start" popup window appears when the Micro-SD card is pulled out from and reinserted into the phone, and then normal operation starts.

Photo Gallery

This function allows you to view or edit the photos saved on your phone.

Viewing and managing your photo albums

Either press the [Menu] Soft key then select 4.Media Gallery then select 2.Photo Gallery, or press the [Menu] Soft key then select 5.Multimedia then select 1.Camera then select 3.Photo Gallery, to display your Photo Gallery list.

Press New to add an album to your Photo Gallery. You can add up to six albums to the default album My Photo.

Press the [Option] Soft key then select Delete to delete an album you have created.

Select an album in the list then press the [OK] key to display the list of photos in the album. You can press [Small] or [List] to change the list's appearance. Press the [Left] or [Right] scroll key to view other photos in the album.

Viewing and managing photos in your photo albums

Select a photo then press the [OK] key to enlarge the photo.

To manage the photo you select in an album (for further details, see Viewing and managing your photo albums, above), press the [Option] Soft key to select from the following functions.

- Set as: Displays the following subfunctions:

  Wallpaper - Adds the photo to the Wallpaper list in Display Settings and sets it as the background image shown on your main display.

  Contact - Assigns the photo to a contact in Contacts.
- Send via: Displays the following subfunctions:

  MMS - Sends the selected photo in a multimedia message.

  Bluetooth - Sends the selected photo via Bluetooth.
- Photo Magic: Applies special effects to the selected photo.
- Search: Searches in the album for the photo name you specify.
- Rename: Renames the selected photo.

- Crop Photo: To zoom in to the selected photo, press the Left Soft key; press the Right Soft key to zoom out from the selected photo. The photo size is set to the display size when you save the photo.
- Delete: Deletes the selected photo.
- Delete All: Deletes all photos in the album.
- Information: Views details of the selected photo.
- Print: Prints the selected photo using Bluetooth.
- Copy to Phone/External Memory: Copies the photo onto your phone or onto your External Memory.

Video Gallery

This function allows you to view or manage the videos saved on your phone.

Viewing and managing your video albums

Either press the [Menu] Soft key then select 4.Media Gallery then select 3.Video Gallery, or press the [Menu] Soft key then select 5.Multimedia then select 1.Camera then select 4.Video Gallery, to display your Video Gallery list.

Press New to add an album to your Video Gallery. You can add up to six albums to the default album My Video.

Press the [Option] Soft key then select Delete to delete an album you have created. Select an album in the list then press the [ ] key to display the list of videos in the album. You can press [Small] or [List] to change the list's appearance. Select a video then press the [ ] key to play the video automatically. Press the Up, Down, Right and Left scroll keys while a video is playing to Pause, Stop, Move to Next or Previous Play (play the previous video in the album) the video.

Viewing and managing videos in your video albums

Select a video (for further details, see Viewing and managing your video albums, above), then press the [ ] key to enlarge the video.

To manage the video you select in an album, press the [Option] Soft key to select from the following functions.

- Set as: Displays the following subfunctions:

  Wallpaper - Adds the video to the Wallpaper list in Display Settings and sets it as the background image shown on your main display.

  Contact - Assigns the video to a contact in Contacts.

- Send via: Displays the following subfunctions:

  MMS - Sends the selected video in a multimedia message.

  Bluetooth - Sends the selected video via Bluetooth.

- Search: Searches in the album for the video name you specify.
- Rename: Renames the selected video.
- Delete: Deletes the selected video.
- Delete All: Deletes all videos in the album.
- Information: Views details of the selected video.
- Copy to Phone/External Memory: Copies the video onto your phone or onto your External Memory.

Image Gallery

This function allows you to view or manage the images saved on your phone.

Press the [Menu] Soft key then select 4.Media Gallery then select 4.Image Gallery to display your Image Gallery listing all images stored on your phone.

Viewing and managing images in your Image Gallery

Press the [Large] Soft key or press the [ ] key to zoom in to the image selected in your Image Gallery (for further details, see Image Gallery, above). Press the [Left] or [Right] scroll key to view other images in your Image Gallery.

Press List to return to your Image Gallery list.

To manage the image you select in your Image Gallery, press the [Option] Soft key to select from the following functions.

- Set as: Displays the following subfunctions:

  Wallpaper - Adds the image to the Wallpaper list in Display Settings and sets it as the background image shown on your main display.

  Contact - Assigns the image to a contact in Contacts.

- Send as MMS: Sends the selected image in a multimedia message.
- Rename: Renames the selected image.
- Delete: Deletes the selected image.
- Delete All: Deletes all images in your Image Gallery.
- Information: Views details of the selected image.
- Send via Bluetooth: Sends the selected image via Bluetooth to a Bluetooth phone or other device.
- Copy to External Memory: Copies the image from your phone onto your External Memory.

Sound Gallery

This function allows you to play back or manage the sound files saved on your phone.

Press the [Menu] Soft key then select 4.Media Gallery then select 5.Sound Gallery to display your Sound Gallery listing all sound files stored on your phone.

The selected sound file is automatically played back once.

Managing sound files in your Sound Gallery

To manage the sound file you select in your Sound Gallery (for further details, see Sound Gallery, above), press the [Option] Soft key to select from the following functions.

- Set as Ringtone: Sets the selected sound file as a ringtone.

NOTE You can use MP3 files of up to 500 KB as ringtones.

- Send as MMS: Sends the selected sound file in a multimedia message.
- Rename: Renames the selected sound file.
- Delete: Deletes the selected sound file.
- Delete All: Deletes all sound files in your Sound Gallery.
- Information: Views details of the selected sound file.
- Send via Bluetooth: Sends the selected sound file via Bluetooth to a Bluetooth phone or other device.
- Copy to External Memory: Copies the selected sound file from your phone onto your External Memory.

NOTE Consumers who convert MP3 files containing commercial music may be subject to copyright law. You therefore should not distribute those files illegally.
Your phone incorporates DRM (Digital Rights Management) software that prevents protected commercial music from being forwarded illegally and so infringing copyright.

Other Files

This function allows you to manage files in unsupported formats saved on your phone. It also lists files received via Bluetooth from Bluetooth phones or other devices.

Press the [Menu] Soft key then select 4.Media Gallery then select 6.Other Files to list all other files stored on your phone.

Managing other files saved on your phone

To manage the other files you select (for further details, see Other Files, above), press the [Option] Soft key to select from the following functions:

- Set as: Displays the following subfunctions:

  Wallpaper - Adds the image or photo (which must be in a supported format) to the Wallpaper list in Display Settings and sets it as the background image shown on your main display.

  Contact - Assigns the image or photo (which must be in a supported format) to a contact in Contacts.

- Send as MMS: Sends the selected file in a multimedia message.
- Rename: Renames the selected file.
- Delete: Deletes the selected file.
- Delete All: Deletes all files in your Other Files.
- Information: Views details of the selected file.
- Send via Bluetooth: Sends the selected file via Bluetooth to a Bluetooth phone or other device.
- Copy to External Memory: Copies the file from your phone onto your External Memory.

Memory Info.

This function displays the following memory information:

Phone Memory: Displays how much memory is used and available on your phone for photos, videos, images, sound files, Java applications, multimedia messages and your phone's System information.

External Memory: Displays how much memory is currently used and available on your External Memory.

NOTE Special objects, user-defined wallpapers and similar information are stored as System information on your phone.

Camera

This function enables you to use your camera phone to take a photo or video. You can then save and edit the photo or video on your phone.

Taking photos when your phone is open

1. Press the [Menu] Soft key then select 5.Multimedia then select 1.Take a Photo to enter your phone's Photo Capture mode when your phone is open.

Tip You can press the [ ] key in Standby mode to prepare to take photos directly.

2. To change the photo shooting mode, press the Right Soft key. This toggles between the following options, represented by icons on your phone's display.
3. If necessary, adjust the camera options to improve the photo quality. (For further details, see Using the camera's photo options, below.)
4. Frame the image by aiming your phone's camera at the subject.
5. Press the [ ] key or [ ] key to take the photo previewed on your phone's display.

Tip If you are taking photos while your phone is open, you can use the following keys to adjust your phone's camera directly.

Function	Options displayed	Key
Image Size	LCD/QVGA/VGA/ XGA/SXGA/UXGA	[ ]
Brightness	7 levels (from 0 to 6)	[ ] and [ ]
Zoom	Control by levels	[ ] and [ ]
Flash	On/Off	[ ]
Hide Icons	On/Off	[ ]

Shooting Mode	Icon	Description
Single Capture	Single	General mode for a single photo.
Multi Capture	Multi	Takes multiple photos. The quantity of photos is determined by the Multi-Shot option.
Frame Capture	Frame	Takes the photo with the saved frame. Image size: 176X220 pixels (fixed)
Pattern Capture	Pattern	Takes several photos and saves them in a single screen.

Viewing your photos

Press the [Up] or [Down] scroll key to zoom in or out of the selected photo relative to its original size.

NOTE You cannot zoom in UXGA mode.

Press the [Cancel Soft key or the [ ] key to return to the camera preview screen.

Saving your photos

1. In Multi Capture mode, select Mark or Unmark to check or uncheck the image box beside the captured images to save them.
2. Press the [ ] key to display the Save Option screen, where you can select a Photo Album and edit the name under which the photo is saved.

In Multi Capture mode, the photo is given a name automatically. However, you can input a name manually if you select only one photo.

Using the camera's photo options

When your phone's camera is in Photo Capture mode, press the [Option] Soft key to select the following options adjusting how the photo is taken or appears.

- Video: Switches to Video Capture mode.
- Photo Gallery: Displays the Photo Gallery.
- Image Size: Specifies the size of photo you want to take. You can choose LCD(176X220), QVGA(320X240), VGA(640X480), XGA(1024X768), SXGA(1280x1024), or UXGA(1600X1200).
- Effect: Applies an effect to the photo.
- Flash: Switches your phone's camera flash light On or Off.
- White Balance: Adjusts the photo's white balance according to the ambient lighting. You can choose Auto, Day Light, Cloudy, Tungsten, or Fluorescent.
- Multi-Shot: Controls the number of photos taken rapidly in sequence.
- Pattern Shot: Controls the number of photos taken in pattern shooting.
- Self Timer: Specifies the delay time for all shooting modes. When you press the [ ] key or [ ] key, the camera takes a photo automatically after the specified time.

NOTE The time value is reset to its default value when you exit Camera mode.

- Hide Icons: Specifies whether the icons are shown on your phone's display.

Taking photos when your phone is closed

1. Press and hold the [ ] key on the right side of your phone to enter your phone's Photo Capture mode when your phone is closed.
2. Frame the image by aiming your phone's camera at the subject.
3. If necessary, press the [ ] key to zoom the image.
4. Press the [ ] key to take the photo previewed on your phone's display.
5. Press and hold the [ ] key to exit Photo Capture mode.

- To save the photo, press the [ ] key and input a name for the photo. The photo is saved in the default Photo Album. After the photo is saved, your phone exits Camera mode.
- To cancel the photo without saving it, press the [ ] key to return to the preview screen.

Taking a video

1. Press the [Menu] Soft key then select 5.Multimedia then select 2.Take a Video to enter your phone's Video Capture mode when your phone is open. The image taken by your phone's internal camera is displayed.
2. Press the [Up] and [Down] scroll keys to zoom in or out. Press the [Left] and [Right] scroll keys to control the brightness.
3. If necessary, adjust the camera options to improve the video quality. (For further details, see Using the camera's video options, below.)
4. Frame the image by aiming your phone's camera at the subject.
5. Press the [ ] key to record the previewed video.
6. Press the [Cancel] Soft key to cancel recording and return to the Preview screen, or press the [ ] key to stop recording.
7. If you press the [ ] key, the Save Option screen is displayed enabling you to select a Video Album to save the video then enter a video name.

NOTE When Auto Save is selected in the camera settings, the video is automatically saved with the default name in the default Video Album.

8. To cancel saving the video, press the [ ] key to return to the Preview screen.

To play the recorded video, press the [ ] key.

Using the camera's video options

When your phone's camera is in Video Capture mode, press the [Option] Soft key to select the following options adjusting how the video is taken or appears.

- Photo: Switches to Camera Capture mode.
- Video Gallery: Displays the Video Gallery.
- Video Size: Specifies the size of video you want to take. You can choose SQCIF(128X96), QVGA(320X240), or QCIF(176X144).
- Video Quality: Specifies the quality of video you want to take. You can choose Fine, Normal, Low, or for MMS.
- Frame Rate: Specifies the video frame rate. You can choose 15 or 30 frames per second.
- Flash: Switches your phone's camera flash light On or Off.
- Effect: Applies an effect to the video.
- White Balance: Adjusts the video's white balance according to the ambient lighting. You can choose Auto, Day Light, Cloudy, Tungsten, or Fluorescent.
- Self Timer: Specifies the delay time. You can choose None, 5 Secs or 10 Secs.
- Audio Record: Specifies whether or not sound is recorded in the video.
- Hide Icon: Specifies whether the icons are shown on your phone's display.

Settings

Use this function to define your phone's default camera settings.

You can configure the following default camera settings.

- Image Size: Defines the default size of photos you shoot. You can choose LCD (176X220), QVGA(320X240), VGA(640X480), XGA(1024X768), SXGA(1280x1024), or UXGA(1600X1200).
- Image Quality: Defines the default quality of photos you shoot. You can choose Normal, Fine or Low.
- Video Size: Specifies the default size of video you want to take. You can choose SQCIF(128X96), QVGA(320X240), or QCIF(176X144).
- Video Quality: Specifies the default quality of video you want to take. You can choose Fine, Normal, Low, or for MMS.
- Flash: Switches your phone's camera flash light On or Off by default.
- White Balance: Adjusts the video's default white balance according to the ambient lighting. You can choose Auto,

Day Light, Cloudy, Tungsten, or Fluorescent.

- Multi-Shot: Defines the default quantity of photos taken rapidly in sequence, and the default speed.
- Pattern Shot: Controls the default quantity of photos taken in pattern shooting, and the default speed.
- Self Timer: Specifies the default delay time for all shooting modes. When you press the [ ] key or [ ] key, the camera takes a photo automatically after the specified time.
- Time Stamp: Specifies whether or not photos are time stamped by default.
- Shutter Sound: Specifies whether or not your phone's camera makes a sound when you take photos. You can choose Off, Shutter, 123, Smile, Whisky, or Cheese.
- Audio Record: Specifies whether or not sound is recorded in videos by default.
- Memory in Use: Specifies whether photos and videos are saved in your phone's memory or in external memory on a Micro-SD card.
- Auto Save: Specifies whether or not your phone chooses a default name and album when you take photos and videos.

Creating a video caller ID

This feature enables you to save a video clip representing a contact, then set that video clip to represent the contact in Contacts. Whenever you receive a call from that contact, your phone plays the corresponding video clip on its display.

You can use either of the following methods to create a video caller ID.

To create a video caller ID for a contact from Contacts:

1. Display the contact's information in the Add Contact screen. (For further details, see **Adding a new contact** on page 54.)
2. Press the [ ] key when the image field is highlighted. The Contact Image screen is displayed.
3. Select 3.Take a Video (For further details, see **Taking a video** on page 70), or 4.Video Gallery (For further details, see **Video Gallery** on page 64) to specify a video file.

The selected video is played whenever you receive calls from the contact.

To create a video caller ID for a contact from Multimedia:

1. Create and save a video. (For further details, see **Taking a video** on page 70.)
2. Display the Video Gallery. (For further details, see **Video Gallery** on page 64.)
3. Select the Video Album containing the video clip then press the [Option] Soft key then select Set as.
4. Select 2.Contact in the Set as screen, then select the contact then press the [ ] key. (You must have stored at least one person in your Contacts already.)

The selected video is played whenever you receive calls from the contact.

Selecting a video for display in Standby mode

You can set a video clip to play on your phone's display whenever it is on standby.

1. Create and save a video. (For further details, see **Taking a video** on page 70.)
2. Display the Video Gallery. (For further details, see **Video Gallery** on page 64.)
3. Select the Video Album containing the video clip then press the [Option] Soft key then select Set as.
4. Select 1.Wallpaper in the Set as screen.

The selected video will play on your phone's display whenever it is on standby.

MP3 Player

This function enables you to play MP3 music files on your phone.

Press the [Menu] Soft key then select 5.Multimedia then select 2.MP3 Player then press the [ ] key. The following functions are listed.

Player: Plays MP3 music.

Music Album: Loads an existing Music Album of music tracks, or adds tracks to or deletes tracks from the Album.

File Manager: Allows you to select music on your external memory directly or make a Music Album.

Settings: Specifies the MP3 Player's skin and mode.

Select the function you want then press the [ ] key. Each function is detailed below.

Player

This function displays the MP3 player's Player screen.

Press the [Menu] Soft key then select 5.Multimedia then select 2.MP3 Player then select 1.Player.

To manage your MP3 Player's features, press the [Option] Soft key to select from the following functions.

- Transfer to A/V Headset / Transfer to Phone: Switches music playback between your A/V Headset and your phone.
- Play All: Lists all MP3 music files stored on your Micro-SD Card. If you want, you can then select or unselect MP3 tracks from the list so they are not played.
- Music Album: Selects a Music Album made previously.
- Skin: Changes the images displayed in the Player.
- File Info.: Displays file information on the music currently selected.

To control playback of the tracks in your Music Album, press the following keys.

Key	Function
[OK] key	Plays/Pauses playback
[Left] scroll key	Plays the previous track
[Right] scroll key	Plays the next track
[Down] scroll key	Stops playback
[Up] scroll key	Selects the type of repeat (see below)
[Up] key (side of your phone)	Increases the volume
[Down] key (side of your phone)	Decreases the volume
Press and hold [Left] scroll key	Rewind
Press and hold [Right] scroll key	Fast forward

NOTE Type of repeat:

1. : Plays the tracks in sequence with no repetition.
2. : Replays the selected track once.
3. : Plays one track repeatedly.
4. : Replays all the tracks in sequence repeatedly.

Music Album

This function allows you to make a Music Album of music tracks. If there is no Music Album on your phone, a Music Album containing all tracks on your Micro-SD Card is created automatically. You can select, unselect and save the tracks you want in a Music Album. Press the [Menu] Soft key then select 5.Multimedia then select 2.MP3 Player then select 2.Music Album.

File Manager

This function lists all MP3 files on your external memory for you to select or unselect MP3 files for playback. Press the [Menu] Soft key then select 5.Multimedia then select 2.MP3 Player then select 3.File Manager. To manage your MP3 files, press the [Option] Soft key to select from the following functions.

- Save Album: Saves the selected MP3 files in the Album List.
- Rename: Changes the title of the selected MP3 file.
- Delete: Deletes the selected MP3 files.
- Delete All: Deletes all MP3 files.
- Select All: Selects all MP3 files.
- Unselect All: Unselects all MP3 files.
- Information: Shows information on the selected MP3 files.

Settings

This function allows you to configure your MP3 Player's operation. Press the [Menu] Soft key then select 5.Multimedia then select 2.MP3 Player then select 4.Settings.

- Mode: Adjusts how MP3 music is played. You can choose Rock, Country, Normal, Pop, Jazz, Classic, or Dance.
- Skin: Specifies which image is displayed on the Player screen during playback. You can choose Equalizer, Animation01 or Animation02.

Java

This function allows you to download and run Java games on your phone.

You can use your WAP browser to search for Java games and download them for installation on your phone.

Press the [Menu] Soft key then select 5.Multimedia then select 3.Java.

Listing Java games stored on your phone

Press the [Menu] Soft key then select 5.Multimedia then select 3.Java then select 1.Games.

Running and managing Java games on your phone

Display the list of Java games stored on your phone. (For further details, see Listing Java games stored on your phone, above.) To run or manage Java games, select the Java game in the list then do the following.

To:	Press:
Run the game	Press the [Option] Soft key [Left ⊡] then select [Run], or press the [⊡] key.
View details of the game	Press the [Option] Soft key [Left⊡] then select [Info.], or press the [Right ⊡] Soft key.
Delete the game	Press the [Option] Soft key [Left⊡] then select [Delete].

Viewing the amount of Java application memory used

Press the [Menu] Soft key then select 5.Multimedia then select 3.Java then select 2.Memory Info.

Settings

This function enables you to personalize how your phone operates.

Display Settings

You can define how information is displayed on your phone.

Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings.

Main Screen

This function allows you to change the background image shown on your phone's main display.

Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 1.Main Screen.

- Wallpaper: Sets your phone's wallpaper by selecting from the Wallpaper list. Wallpaper lists images you can use to set as your wallpaper from your Photo Gallery or Image Gallery. To delete wallpapers other than the default, press the [Delete] Soft key. (You cannot delete the default wallpaper.)
- Wallpaper Type: Specifies which information is displayed on your phone's main display. You can choose Digital Clock 1, Digital Clock 2, Analogue Clock, Calendar, Greeting, D-day.

Sub Screen

This function allows you to change the background image shown on your phone's cover display.

Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 2.Sub Screen.

Wallpaper: Sets your phone's wallpaper by selecting from the Wallpaper list. Wallpaper lists images you can use to set as your wallpaper from your Photo Gallery or Image Gallery. To delete wallpapers other than the default, press the [Delete] Soft key. (You cannot delete the default wallpaper.)

Greeting

This function allows you to set the greeting message displayed in Startup or Idle mode.

1. Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 3.Greeting.
2. Input the greeting message then press the [⊡] key.

LCD Brightness

This function allows you to set the backlighting level for your phone's main display.

1. Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 4.LCD Brightness.
2. Choose the backlighting level you want. You can choose Low, Medium, High, or Maximum.
3. Press the [⊡] key.

Back Light

This function allows you to specify for how long your phone's displays are backlit.

1. Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 5.Back Light.
2. Choose how long you want backlighting of your phone's displays to remain on if you do not touch any key. You can choose 5 Secs, 10 Secs, 20 Secs, 1 Min, or 10 Mins.
3. Press the [⊡] key.

Service Light

This function allows you to specify the color indicating that mobile network services are currently available, in the cover display.

1. Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 6.Service Light.
2. Choose the color. You can choose Off, Green, Blue, Yellow, Cyan, Violet, White, or Red.
3. Press the [⊡] key.

Voice Light

This function allows you to specify whether or not your phone's cover display blinks when the other party talks during a call.

1. Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 7.Voice Light.
2. Choose On or Off.
3. Press the [OK] key.

Sound Settings

You can define how sound is played on your phone.

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

You can either leave the default ring tone, key tone, and other settings for each of the five available profiles unchanged, or you can personalize them to your needs. The five profiles available are Normal, Silent, Meeting, Outdoor and Car.

Press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings.

Ring Tone

Either press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings then press the [Edit] Soft key then select 1.Ring Tone, or press the [♫] key in Standby mode then select 1.Ring Tone.

You can personalize the following.

- Ring Type: Specifies how your phone rings or vibrates when you receive calls. You can choose Ringing, Vibration, Vib then Ring, Vib and Ring, Ascending, or None(Quiet).
- Ringing Volume: Specifies how loudly your phone rings. You can choose from eight levels ranging from silent to loud (0~7).

Bell Sound

This function allows you to specify whether your phone rings, plays music or plays a sound when you receive calls.

Press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings then press the [Edit] Soft key then select 2.Bell Sound, or press the [♫] key in Standby mode then select 1.Bell Sound.

You can personalize the following.

- Sound Box: Specifies whether your phone plays a Melody Sound, Bell Sound, or User Sound.
- Melody Sound, Bell Sound or User Sound: Specifies the melody, ringtone or sound played.

Message Alert

This function allows you to specify how your phone alerts you when you receive messages.

Press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings then press the [Edit] Soft key then select 3.Message Alert, or press the [♫] key in Standby mode then select 3.Message Alert.

You can personalize the following.

- Reminder: Specifies at what intervals you will be reminded when you have received a message. Press the [Left] or [Right] scroll key to select Off, Once, Every 2 Mins, or Every 5 Mins.
- Ring Volume: Specifies how loudly your phone rings. You can choose from eight levels ranging from silent to loud (0~7).
- Sound: Specifies the Message Alert Tone. Press the [Left] or [Right] scroll key to set the Message Alert Tone to Bell1, Bell2, or Bell3.

Key Tone

This function allows you to select the sound you hear when you press your phone's keys. Press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings then press the [Edit] Soft key then select 4.Key Tone, or press the [♫] key in Standby mode then select 4.Key Tone. You can personalize the following.

- Tone Type: Specifies whether key tones are turned on or off.
- Ring Volume: Specifies the key tone's loudness. You can choose from eight levels ranging from silent to loud (0~7).
- Sound: Specifies the key tone sound.

Flip Open Tone

This function allows you to select the sound you hear when you open or close your phone's flip. Press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings then press the [Edit] Soft key then select 5.Flip Open Tone, or press the [♫] key in Standby mode then select 5.Flip Open Tone. You can personalize the following.

- Tone Type: Specifies whether your phone's flip tone is turned on or off.
- Ring Volume: Specifies the flip open tone's loudness. You can choose from eight levels ranging from silent to loud (0~7).

- Sound: Specifies the flip open tone. You can choose from Bell 1, Bell 2, or Bell 3.

Sound Effect

This function allows you to turn the default sound effect on or off for various events. Press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings then press the [Edit] Soft key then select 6.Sound Effect, or press the [♫] key in Standby mode then select 6.Sound Effect.

You can specify whether the sound effect is played for the following events.

- Menu Moving: When you change a menu with the Navigation key.
- Power On & Off: When you turn the power on or off.
- Option Popup: When you press the Left Soft key and a popup window is displayed.
- Call Connection: When you dial or hang up.
- WAP Connection: When you connect or end a WAP session.
- Hour Alert: Every hour while your phone is in Standby mode.
- Minute Minder: Every minute while making a phone call.
- Popup Alert: A warning, error, information or question.

Profile Name

This function allows you to rename your phone's profiles.

Select a profile name menu from the Sound Setting editing screen to rename it manually.

1. Press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings then press the [Edit] Soft key then select 7.Profile Name, or press in Standby mode then select 7.Profile Name.
2. Input a new name for the profile.
3. Press the [OK] key.

Reset

This function allows you to reset all sound related values in the profile.

1. Press the [Menu] Soft key then select 6.Settings then select 2.Sound Settings then press the [Edit] Soft key then select 8.Reset.
2. To confirm you want to reset the sound related values in the profile, press the [OK] key.

Call Settings

Call Settings define how your phone reacts when you receive a call or a message, how your keypad sounds when you press a key, and more. Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings.

Call Divert

This function allows you to divert incoming calls to another phone number. Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings then select 1.Call Divert.

Choose All Calls, When Busy, On No Answer, When not Found, or Cancel All.

Answer Type

This function allows you to specify how calls are to be answered on your phone.

1. Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings then select 2.Answer Type.
2. Press the [Left] or [Right] scroll key to specify which of the following methods is to used to answer calls.

- SEND key: Incoming calls are answered by pressing the [SEND] key.
- Any Key: Incoming calls are answered by pressing any key except the [END] key and [Reject] Soft key.
- Flip Open: Incoming calls are answered by opening your phone's flip.
- Auto Receive: Your phone automatically answers calls after 10 seconds. This feature is available only when a headset is connected to your phone's headset jack.

3. Press the [OK] key.

Auto Answer

The Auto Answer function works like an automatic answering machine. It plays the recorded message to your caller if you do not answer the call within the defined time.

Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings then select 3.Auto Answer.

The following information is displayed.

- Auto Answer: Specifies whether or not the Auto Answer function is activated.
- Recorded Message: Displays a list of messages recorded. Each recorded message is displayed with its date and time and the caller's name or number. To delete the highlighted message, press the [Delete] Soft key. To call the caller who left the highlighted message, press the [Send] key.
- Response Message: Defines which message your phone plays to callers depending on your current situation. These include Absent, Meeting, Driving, and User Message.

- Response Time: Defines the automatic answering time (After 3 Secs, 5 Secs, 10 Secs, or 20 Secs). If the incoming call is not answered within this time, your phone plays the recorded message to the caller.
- User Message: Displays your voice message set as the Response Message. Press the [▶] key to play your voice message. If no message is recorded, the function only records the caller's message.

Auto Redial

This function automatically redials the number you call if your call is unsuccessful.

1. Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings then select 4.Auto Redial.
2. Select On or Off.

Call Waiting

This function informs you that you have received a second call while you are in a call.

1. Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings then select 5.Call Waiting.
2. Press the [Option] Soft key to select from the following options.

- Activate: Activates the Call Waiting feature.
- Deactivate: Cancels the Call Waiting feature.
- Status: Indicates whether or not the Call Waiting feature is activated.

Send Caller ID

This function prevents your phone number from being displayed on the phone of the people you call.

NOTE This service is network dependent. Please inquire with your network provider.

1. Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings then select 6.Send Caller ID.
2. Select On or Off.

Own Number

This function allows you to record your own phone number on your phone.

NOTE This function is SIM card dependent.

1. Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings then select 7.Own Number.
2. Press the [Option] Soft key to select from the following options.

- Add: Adds your own number to your SIM card.
- Delete: Deletes your own number from your SIM card.
- Edit: Edits your own number on your SIM card.

Language

This function allows you to select which language is displayed on your phone. Press the [Menu] Soft key then select 6.Settings then select 4.Language.

Time & Date

This function allows you to set the time and date displayed on your phone. Press the [Menu] Soft key then select 6.Settings then select 5.Time & Date. You can set the Time, Date, and Date Format.

Favorite

This function allows you to add your own favorites to a Favorite screen, enabling you to access your favorite functions and files quickly. Press the [Menu] Soft key then select 6.Settings then select 6.Favorite.

If there is no item in the Favorite screen, press the [ ] key to add a favorite; if an item is selected, press the [ ] key to go to that item.

NOTE You can add functions down to two levels of function commands. You cannot delete Media Gallery because it is the default function.
For the set values in Favorite, the Application Lock item asks you to input a password before you can Go to that item.
For the set values in Favorite, all items requiring security ask you to input a password before you can access that item.

Network Selection

This function allows you to specify whether your phone selects its service provider network manually or automatically.

Press the [Menu] Soft key then select 6.Settings then select 7.Network Selection.

Select either Automatic or Manual.

Security Settings

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

Codes and passwords are used to protect these features of your phone. They are described in the following sections. See also **2. Access codes in the Appendix**, on page 111.

Your phone's security features keep your phone and SIM

card safe from unauthorized use, and you can either set a password for your phone or use the Call Barring service and Fixed Dialling mode to restrict which calls can be made using your phone.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings.

SIM Lock

This function allows you to specify whether your phone requests the PIN number of SIM cards inserted in it.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 1.SIM Lock.

You must input the password before you can access this function. Press the [Left] or [Right] scroll key to select Lock or Unlock.

- Lock: You must input the PIN number to access to the main menu after you power on your phone.
- Unlock: You are not asked to input the PIN number to access to the main menu after you power on your phone.

NOTE If you fail to input the correct PIN number 3 times in succession, you will be prompted to input the PUK number.

Change PIN

This function enables you to change your SIM card's PIN number.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 2.Change PIN.

You must input the password before you can access this function.

Phone Lock

This function allows you to lock your phone until the correct password is input.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 3.Phone Lock.

You must input the password before you can access this function.

Change Password

This function allows you to change your phone's password.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 4.Change Password.

You must input the password before you can access this function. Input the new password then press the [OK] key. The default password is 1234.

Application Lock

This function allows you to change your phone's password.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 5.Application Lock.

You must input the password before you can access this function.

Select the application you want to lock then press the [OK] key.

NOTE If you have previously selected a fingerprint for authentication, you must complete the authentication process before you use the fingerprint. If not, you must input a number to use this function with the locking/unlocking functions using a password.

Call Barring

This function allows you to set restrictions on making certain types of calls.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 6.Call Barring.

You must input the password before you can access this function. You can choose the following.

- Handset Barring: Specifies whether incoming calls and certain outgoing calls are restricted on your phone.
- Network Barring: This feature is network and subscription dependent. Some bars are set by the network service provider. You can set restrictions on making the following types of calls.

  International Calls: Restricts outgoing and incoming international calls.

  Outgoing Calls: Restricts all outgoing calls.

  Incoming Calls: Restricts all incoming calls.

  Incoming Calls When Abroad: When you are abroad, this feature allows you to restrict incoming calls.

  Int. Calls Except to Home Country: Restricts international calls except to your home country.

  Clear All: Cancels all barring settings.

  Change Password: Replaces the old password with a new one.

CUG (Closed User Group)

This function allows you to set up a group of numbers that you want to dial or receive calls from.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 7.CUG.

You must input the password before you can access this function.

Select the CUG name then press the [Option] Soft key to select the following.

- Delete: Deletes the preset CUG Identifier.
- Edit: Edits the CUG Identifier.

NOTE If no record exists, press the [Add] Soft key to display the name input screen for a new CUG.

Fixed Dialling (Fixed Dialing Numbers)

Fixed Dialling is a service that limits access to specific numbers in the Contacts list recorded on your SIM card.

You must input your PIN2 code to set up or cancel this service.

Press the [Option] Soft key to select one of the following.

- On
- Off
- Fixed Dial List: Defines the numbers recorded in your Fixed Dialling List.

Change PIN2

This function allows you to change your phone's PIN2 code.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 9.Change PIN2.

You must input the password before you can access this function. Input the new password then press the [OK] key.

System Reset

This function allows you to delete all user settings and data from your phone and return to the factory default settings.

Press the [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 10.System Reset.

Input your phone's password then press the [OK] key. Your phone's default password is 1234.

Software Version

This function allows you to display your phone's current software version. Press the [Menu] Soft key then select 6.Settings then select 9.Software Version

Organiser provides various functions alarm setting, main event record, memo, world time, calculator, unit conversion, stopwatch and timer.

Press the [Menu] Soft key then select 7.Organiser.

Alarm

This function allows you to set an alarm to sound at up to five different times.

Press the [Menu] Soft key then select 7.Organiser then select 1.Alarm.

NOTE When you set the On Morning Call, an icon is shown on your phone's display.

To set an alarm

Press the [Menu] Soft key then select 7.Organiser then select 1.Alarm. The current alarm list is displayed.

Select an alarm to set then press the [OK] key.

Press the [New] Soft key to set a new alarm.

To manage existing alarms, select the alarm then press the [Option] Soft key to select from the following functions.

- Delete: Deletes the alarm.
- On Snooze/Off Snooze: Sets the alarm to ring three times, every five minutes. Only one alarm can be set to On Snooze.
- Delete All: Deletes all alarms from the list.

To edit an existing alarm, select the alarm then press the [OK] key.

You can then set the Set, Time, Melody and On/Off Wakeup Call options. To set the Melody type, press the [✉] key to display the Sound Gallery in order to select a melody. You can only set the Date when the alarm type is "User Defined". After you select Date, press the [✉] key to set the weekdays you want. You can set these by pressing Mark or Unmark. Press the [OK] key to save the weekday information.

Calendar

Calendar helps you manage your schedule including your time for calls or special days. You can set alarms service on a set date is included in this function. Calendar is displayed as the following views: Monthly View, Daily View, and Event View & Edit.

Press the [Menu] Soft key then select 7.Organiser then select 2.Calendar.

Monthly View

Calendar is displayed in this view by default.

In Calendar, select 1.Monthly View.

Press the following keys to move in Monthly View.

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

To manage existing events, press the [Option] Soft key to select from the following functions.

- View All Events: Shows all of your scheduled events
- Del. Past Events: Deletes your past scheduled events.

To:	Press:
Move to the previous or next day	[Left] or [Right] scroll key
Move to the previous or next week	[Up] or [Down] scroll key
Move to the previous or next month	[1] or [3]

- Del. All Events: Deletes all of your scheduled events.
- Go to Today: Moves to today for selection.
- Go to Date: Moves to the set date.
- Memory Info.: Displays the number of stored events (up to 50).

Use the scroll keys to select the date you want then press the [OK] key.

For dates containing events, switch to Daily View to check the schedule.

Events recorded for a date are displayed at the bottom of the display as an icon.

Daily View

This function displays the events recorded for a date. Select a date then press the [OK] key to view or edit the details of specific events. In Calendar, select 2.Daily View.

To manage existing events, press the [Option] Soft key to select from the following functions.

- Delete: Deletes an event.
- On D-day/Off D-day: Sets up or cancels D-Day.
- Move Events: Transfers an event to a specific date.
- Delete All: Deletes all events.
- Send via Bluetooth: Sends the selected event via Bluetooth

NOTE When you select D-Day from Screen Control, 'D-Date, Event Memo Content Part' is displayed in the Standby screen. When a new D-Day is created, the existing D-Day is automatically deleted.

Event View & Edit

This function displays the events individually and edits the schedule or creates a new schedule. In Calendar, select 3.Event View & Edit.

To create a new event in Event View & Edit:

1. Select a day in Monthly View then press the [New] Soft key.
2. In the New Event screen, select and input the details of the event.
3. Press the [OK] key.

NOTE You can create up to 50 events. You can create up to 8 events for a day. You can create events for dates from 01/01/1950 to 12/31/2043.

Memo

This function enables you to create text and voice memos on your phone. Press the [Menu] Soft key then select 7.Organiser then select 3.Memo.

Text Memo

This function enables you to create text memos or notes on your phone. Press the [Menu] Soft key then select 7.Organiser then select 3.Memo then select 1.Text Memo.

To manage text memos, press the [Option] Soft key to select from the following functions.

- Edit: Retrieves existing memos for editing.

Tip Press the [OK] key then press the [Edit] Soft key to return to the editing screen.

- Delete: Deletes selected memo.
- Delete All: Deletes all memos
- New: Inputs text to create a new memo.

Voice Memo

The Voice Memo function records your voice messages. You can use Record, Stop, Play, and Save for voice recording and playback. Press the [Menu] Soft key then select 7.Organiser then select 3.Memo then select 2.Voice Memo.

To record a voice memo:

1. Press the [Option] Soft key then select 1.New then press the [ ] key.
2. Press the [ ] key to stop recording, then press the [Play] Soft key to hear your voice memo.
3. Press the [ ] key then input a name then press the [OK] key to save your voice memo.

Tip When the memory is full, "Not Enough Memory" is displayed and you are returned to your phone's main menu.

To play a voice memo:

Select the voice memo then press the [ ] key.

To manage voice memos:

To manage voice memos, press the [Option] Soft key to select from the following functions.

- Delete: Deletes the selected voice memo.
- Delete All: Deletes all voice memos.
- Rename: Renames the selected voice memo.
- Send as MMS: Sends the selected voice memo in a multimedia message.
- New: Creates a new voice memo.
- Send via Bluetooth: Sends the selected voice memo via Bluetooth.
- Copy to External Memory: Copies the selected voice memo to your External Memory.

World Time

This function informs you of world times. Press the [Menu] Soft key then select 7.Organiser then select 4.World Time.

To manage world times, press the [Option] Soft key to select from the following functions.

- On/Off Day Light Saving: Specifies whether the current time of the selected place is adjusted to Day Light Saving. A [ ] icon indicates that Summer Time is activated for that place.

Tip Summer Time sets the clock one hour ahead.

- Set as Local: Replaces Target Area with Home Area.

Calculator

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

Press the [Menu] Soft key then select 7.Organiser then select 5.Calculator.

Press the number keys and direction keys to input a calculation then press = to display the result.

Tip To input a decimal, press the . key.

Press the [C] key to clear the current line of your calculation.

Press and hold the [C] key to delete your entire calculation.

Converter

Converter converts a figure between different units, i.e. length, area, volume, weight and temperature.

1. Press the [Menu] Soft key then select 7.Organiser then select 6.Converter.
2. Select Length, Area, Volume, Weight, or Temperature.

- Press the [Down] scroll key to move to the next line, press the [Left] or [Right] scroll key to select a target unit, and press the number keys to input numbers.
- Press the [Down] scroll key again to move to the next line and select a result unit; the correct answer is displayed automatically.
- Press the . key to input a decimal.
- The result is automatically recalculated when you change the units or value.

Stop Watch

Stop Watch measures time for all sorts of sports.

Press the [Menu] Soft key then select 7.Organiser then select 7.Stop Watch.

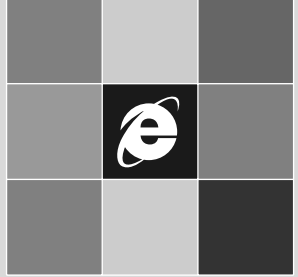
- Press the [ ] key to start the Stop Watch.
- Press the [ ] key to pause the Stop Watch, then press the [ ] key to restart the Stop Watch.
- When you press the [Lap] Soft key, up to four lap times are displayed in turn. When you press the [Lap] Soft key a fourth time, the Stop Watch stops.
- Press the [Reset] Soft key to reset all Stop Watch timers.

Timer

Timer sets the alarm bell to ring at a preset time.

Press the [Menu] Soft key then select 7.Organiser then select 8.Timer.

- Press the [Set] Soft key to input a time and the number of minutes to count down then press the [ ] key.
- Press the [ ] key to start the countdown.
- Press the [ ] key to pause the countdown, then press the [ ] key to restart the countdown.
- At the preset time, your phone plays an animation and alarm sound. Press the [Stop] Soft key to stop both.
- Press the [Set] Soft key to return to the reset the timer while Timer is not counting down.
- After the alarm and animation have played at the set time, both are reset automatically.



Advanced Functions

1. WAP
2. USB Mass Storage
3. Bluetooth
4. Saving Memory
5. SIM Toolkit
6. Fingerprint Recognition
7. Skin Checker

4

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

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

NOTE The descriptions below may vary depending on your service provider. Ask your service provider for detailed information.

Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP.

Tip Press the [↵] key to access the WAP menu directly. Press and hold the [↵] key in Standby mode to display the WAP homepage.

Navigating using the WAP browser

- To scroll through and select browser items, press the [Up] or [Down] scroll key until the item you want is highlighted then press the [Select] Soft key.
- To return to the previous page, press the [C] key.
- To return to the startup homepage, press the [Option] Soft key then select Home.

Entering text in the WAP browser

When you are asked to input text, the current text input mode is displayed above the Right Soft key.

(For further details, see **Input Mode** on page 36.)

Home

This function contacts your network to load your Wireless Web service provider's homepage.

Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 1.Home.

Resume

This function allows you to reconnect to the Web page displayed most recently. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 2.Resume.

Bookmarks

This function allows you to bookmark an Internet address using the WAP browser just as you do with a PC Internet browser.

1. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 3.Bookmarks.
2. To record a URL and Name in the first empty number in your Bookmark List, press the [Add] Soft key.

To manage existing bookmarks, select the bookmark then press the [Option] Soft key to select from the following functions.

- Edit: Edits the URL and name of a bookmark.

NOTE This function is not displayed for default bookmarks.

- Delete: Deletes a bookmark from the List.

NOTE This function is not displayed for default bookmarks.

- Go: Goes to the bookmarked site.

Push Messages

Your phone can receive Push Messages from your service provider. Push messages are stored in your Inbox.

1. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 4.Push Messages then select 1.Inbox.
2. Select a Push Message then press the [↵] key to contact the WAP page concerned.

To manage your Push Messages, select the message then press the [Option] Soft key to select from the following functions.

- Delete: Deletes the selected message.
- Delete All: Deletes all Push Messages in your Inbox.
- Go to: Goes to the site of the selected message.

Receive Mode

This function allows you to set up your phone for receiving Push Messages.

1. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 4.Push Messages then select 2.Receive Mode.
2. Press the [Option] Soft key to select one of the following options.

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

Go to URL

This function allows you to directly input the address of a URL and connect to it.

1. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 5.Go To URL.
2. Input the URL you want to go to, then press the [↵] key.

Profiles

This function selects or edits WAP connection profiles on your phone.

NOTE The settings for your WAP service are already entered as required by your service provider. Care should be taken when you make any modification to a profile since it may cause WAP to be inoperative.

Your phone is compatible with OTA (Over The Air) messages. These are used by service providers to send connection details directly to your phone. Please ask your service provider for details of this service.

1. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 6.Profiles.
2. To select a profile, highlight it in the Profile List then press the [OK] key. You cannot select Unedited Profile. To edit a profile, select it in the Profile List then press the [Edit] Soft key to select from the following functions.

- Profile Name: Press the [OK] key to change the profile name.
- Home URL: Press the [OK] key to edit the Homepage URL provided by your service provider.
- Connection Type: Press the [Left] or [Right] scroll key to select either WAP or HTTP.
- GSM Settings: This function allows you to set the GSM network proxy by inputting the following information.

Gateway/Proxy: If you set the Connection Type to WAP, Gateway is displayed. If you set it to HTTP, Proxy is displayed. Press the [OK] key to display the subfunctions IP Address, IP Port, Login ID and Password then input the appropriate information for each of the following subfunctions, inputting the information provided by your service provider.

Data Call Type: Press the Left or Right scroll key to select ISDN or Analog.

Dial Number: Press the [OK] key to input the appropriate dialup number.

Login ID: Press the [OK] key to input the appropriate login ID.

Password: Press the [OK] key to input the appropriate password.

- GPRS Settings: This menu allows you to set the GPRS network proxy by inputting the following information.

Gateway/Proxy: If you set the Connection Type to WAP, Gateway is displayed. If you set it to HTTP, Proxy is displayed. Press the [OK] key to display the subfunctions IP Address, IP Port, Login ID and Password then input the appropriate information for each of the following subfunctions, inputting the information provided by your service provider.

APN: (Access Point Name.) Press the [OK] key to input the appropriate APN.

Login ID: Press the [OK] key to input the appropriate login ID.

Password: Press the [OK] key to input the appropriate password.

- DNS Settings: Input the appropriate IP address for the Domain Name Server. You can input the primary and secondary DNS. NOTE: This function is available only when your Connection Type is set to HTTP.
- Bearer: Select the bearer type for each type of network access. Press the [Left] or [Right] scroll key to select GSM Only or GPRS Only.
- Reset Profile: Press the [OK] key to reset the settings of the selected profile. Press the [Left] or [Right] scroll key to select Yes or No.

Cache

This function sets up your phone's cache. This feature is used to store WAP pages directly on your phone, to display them rapidly when you return to them.

Cache Mode

This function sets up the cache memory check, which verifies whether the WAP page's information is already stored in your phone's cache memory.

1. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 7.Cache then select 1.Cache Mode.
2. Select one of the following options.

- Always Check: The cache is always checked whenever a URL is loaded.
- Never Check: The cache is never checked.

Clear Cache

This function clears all data stored in the cache (recently visited WAP pages). Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 7.Cache then select 2.Clear Cache.

Security Cert

This function displays and manages all security certificates stored on your phone.

1. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 8.Security Cert.
2. Select a security certificate then press the [Option] Soft key to select one of the following functions.

- Delete: Deletes the selected security certificate.
- Delete All: Deletes all security certificates stored on your phone.

Version

This function displays the software version of your phone's WAP browser. Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 9.Version.

You can use your phone's Micro-SD card as a removable storage site by using a USB cable.

Press the [Menu] Soft key then select 8.Connectivity then select 2.Mass Storage.

Using mass storage

❶ Set Mass Storage to On.

- If your USB cable is not connected, your phone displays the message "Connect USB Cable." At this time, connect your phone with the paired Bluetooth phone or other device, and when "Connecting" is displayed, you can use the Micro-SD Card as a movable storage site from the paired Bluetooth phone or other device.
- If your USB cable is already connected when you set Mass Storage to On, your phone immediately displays the message "Connecting."

❷ Use your PC's software to transfer files between your PC and your phone's Micro-SD card.

❸ When you have finished copying files between your PC and your phone's Micro-SD card, set Mass Storage to Off.

NOTE When reading or writing a file on your Micro-SDcard, do not remove your card as it may be damaged.
If you use your Micro-SD card as a removable disk, always use your PC's "Safely Remove Hardware" function to remove it before you disconnect it from your PC, otherwise the files saved on your Micro-SD card may be damaged.

Bluetooth

The term Bluetooth refers both to the specifications for connecting various devices such as computers, mobile phones and home appliances wirelessly over a short distance and then enabling real time, bidirectional communication between them, and to the products complying with those specifications. Your Pantech PG-6200 phone supports the following Bluetooth profiles:

- Serial Port Profile (SPP) for communication with PC connectivity software
- Dial-Up Networking profile (DUN) as an Internet gateway for a PC
- Hands-Free Profile (HFP) as an audio gateway
- Object Push Profile (OPP) as a client and server
- File Transfer Profile (FTP) as a client and server
- Basic Image Profile (BIP) for printing photos
- Advanced Audio Distribution Profile (A2DP) for A/V headsets

Bluetooth technology enables cost-free wireless connections between electronic devices within a maximum range of 33 feet (10 meters). A Bluetooth connection can be used to send images, videos, texts, business cards and calendar notes to another Bluetooth phone, or to connect wirelessly to devices such as computers that also use Bluetooth technology. Since devices using Bluetooth technology communicate using radio waves, your phone and the other devices do not need to be in direct line-of-sight (unlike infrared communication).

The two Bluetooth phones or other devices need only to be within 33 feet (10 meters) of each other, although connections may be subject to interference from obstructions such as thick walls or other electronic devices. Bluetooth communication consumes your phone's battery charge and your phone's operating time will be reduced. You should take this into account when performing other operations with your phone.

NOTE There may be restrictions on using Bluetooth communication in certain areas. Check with your local authorities.

Bluetooth

This function activates or deactivates your phone's Bluetooth feature.

❶ Press the [Menu] Soft key then select 8.Connectivity then select 3.Bluetooth then select 1.Bluetooth.

❷ Select On to activate Bluetooth, or select Off to deactivate Bluetooth.

Paired devices

This function displays the paired Bluetooth phones or other devices and allows you to add a new Bluetooth phone or other device. The icon displayed beside each paired Bluetooth phone or other device varies depending on the Bluetooth device's type.

❶ Press the [Menu] Soft key then select 8.Connectivity then select 3.Bluetooth then select 2.Paired Devices. Press the [Option] Soft key to select from the following functions. (The functions displayed vary depending on which profiles are supported by the paired Bluetooth phone or other device.)

- Connect/Disconnect: Displayed for Bluetooth phones and other devices supporting the Bluetooth Headset/Handsfree profile. Connects or disconnects the

selected Bluetooth phone or other device.

- Browser Folder: Displayed for phones and other devices supporting the FTP Server profile. Displays the FTP directory of the other Bluetooth phone or other device.
- Edit Name: Allows you to edit the name of the selected other Bluetooth phone or other device.
- Delete: Deletes the selected Bluetooth phone or other device from the Paired Device List.
- Set as Authorized/Unauthorized: Displayed for PCs and PDAs. If the selected device is set to Authorized, it can access your phone with any permission. If the selected device is set to Unauthorized, the selected Bluetooth phone or other device must have permission to access your phone.
- Set as Default/Don't set as Default: Displayed for PCs and PDAs. If two or more headsets/handsfrees have been paired, choose one of them to be set as the default headset. All headset/handsfree calls will be made or received through the default headset/handsfree. Although you can set a default headset using this function, the last headset connected is automatically set as the default headset. If a device is set as "Don't set as Default," the settings of the device set as default are disabled.
- Add New Device: Registers a new Bluetooth phone or other device. When you select this function, a submenu is displayed listing device types. Select which device type you want to register from the following options.

  Search All / Audio Accessory / PC / Phone \ Others

  After you select which device type you want to search for, the message "Search a device" is displayed.

❸ Press the [New] Soft key to begin searching for all devices of the selected type.

Searching for a Bluetooth phone or other device

Every time you search for a new Bluetooth phone or other device, the Paired Device List is updated. To cancel the search and display the search results, press the [Cancel] Soft key. You can then press the [Refresh] Soft key to resume the search.

Select the Bluetooth phone or device to be paired then press the [⏏] key to pair with it.

Pairing with a Bluetooth phone or other device

Your phone next requests the Passkey to be used to register with the other Bluetooth phone or other device. If you and the other Bluetooth phone's or other device's owner both enter the same Passkey decided between yourselves, registration is completed.

Sending an object

To send an object via Bluetooth, do the following.

❶ Select the file you want to send.

❷ Press the [Option] Soft key then select Send via then select Bluetooth. Your phone searches for Bluetooth phones and other devices nearby. (For further details, see Paired devices, above.) Select the Bluetooth phone or other device that is to receive the object then press Send.

NOTE If the Bluetooth phone or other device requests pairing (for further details, see Pairing with a Bluetooth phone or other device, above), the object is sent after pairing is completed.

Receiving an object

Your phone only receives objects when this has been approved. If you receive Contacts information, it is saved in your phone's memory. If you receive an Event, it is saved in your Calendar.

Business Card

This function allows you to exchange electronic business cards with a phone or other device via Bluetooth.

❶ Press the [Menu] Soft key then select 8.Connectivity then select 3.Bluetooth then select 3.Business Card.

❷ Press the [Option] Soft key then select one of the following functions.

- Receive: Receives the business card from the Bluetooth phone or other device and displays the card.
- Send: Sends your business card to the Bluetooth phone or other device.
- Exchange: Sends your business card to the Bluetooth phone or other device and receives a business card from the Bluetooth phone or other device then displays it. Your phone searches for Bluetooth phones and other devices supporting the OPP Profile.

❸ Select the appropriate Bluetooth phone or other device from the list of Bluetooth phones and other devices found then press the [⏏] key. Your phone exchanges business cards with the Bluetooth phone or other device in the way you have specified.

Outgoing Call Device

This function allows you to choose whether your phone or a Bluetooth headset/handsfree device is to be used to make calls.

❶ Press the [Menu] Soft key then select 8.Connectivity then select 3.Bluetooth then select 4.Outgoing Call Device.

❷ Press the [Option] Soft key then select one of the following functions.

- Phone: You make a call using your phone in the normal way.
- Headset: You make a call through the Bluetooth headset, provided it has been successfully registered as the default headset.
- Always Ask: When you make a call, a message is displayed asking you if you wish to use the headset/handsfree. To make the call using the headset/handsfree, press Yes. To make a call using your phone in the normal way, press No. The message continues to be displayed until the called party answers your call.

NOTE If you do not press Yes or No, the call is made through your phone.

Visibility

This function allows you to choose whether or not your phone is visible to unpaired Bluetooth phones and other devices.

❶ Press the [Menu] Soft key then select 8.Connectivity then select 3.Bluetooth then select 5.Visibility.

❷ Press the [Option] Soft key then select one of the following functions.

- Shown to All: Allows Bluetooth phones and other devices to detect your phone in their searches.
- Hidden: Allows only Bluetooth phones and other devices listed in your Paired Device List to detect your phone in their searches.

Name

This function allows you to edit the name of your phone. This is shown to Bluetooth phones and other devices in their searches. Press the [Menu] Soft key then select 8.Connectivity then select 3.Bluetooth then select 6.Name.

Address

This function displays the Bluetooth address of your phone. Press the [Menu] Soft key then select 8.Connectivity then select 3.Bluetooth then select 7.Address.

Saving Memory

This function specifies whether your phone's internal memory or your external Memory is used to store files you receive, and which directory is used in exchanging files via FTP using Bluetooth. Press the [Menu] Soft key then select 8.Connectivity then select 4.Saving Memory.

NOTE It is recommended to use "PS1" made by Pantech because Stereo Bluetooth function may not be compatible with Stereo Bluetooth Headsets made by other companies. Please refer to the Bluetooth Headset manual for Headset operation information.

Bluetooth

This function specifies which directory is displayed when Bluetooth phones and other devices view your FTP directory via Bluetooth. It also specifies whether files you receive from Bluetooth phones and other devices are saved in your phone's internal memory or on your external Memory.

❶ Press the [Menu] Soft key then select 8.Connectivity then select 4.Saving Memory then select 1.Bluetooth.

❷ To specify in which memory the files you receive are saved, press the [Option] Soft key then select one of the following options.

- Internal Memory: Displays your Image Gallery, Sound Gallery or Other Files directory to Bluetooth phones and other devices.

NOTE Only files supported in the Gallery concerned can be saved in that Gallery. When your receive files from a Bluetooth phone or other device, image files are saved in your phone's Image Gallery; sound files are saved in your phone's Sound Gallery. All other files are saved in your phone's Other Files directory.

- External Memory: Displays directories on your Micro-SD card to Bluetooth phones and other devices. All files received from Bluetooth phones and other devices are saved on your External Memory.

SIM Toolkit

This function varies depending on your SIM card and the network services provided by your service provider.

Fingerprint Recognition is used to allow dialing of specified numbers only when your phone detects the appropriate fingerprint.

Using Fingerprint Recognition

To select this function, press the [ ] key then enter the password.

(If the Fingerprint Recognition function is already set up, press the [ ] key then select Fingerprint Recognition.)

Getting the best out of Fingerprint Recognition

- The Fingerprint Recognition function does not guarantee perfect identification or verification. Pantech is in no way liable for any losses caused through the use, or the inability to use, your phone's Fingerprint Recognition function.
- Always scan fingerprints smoothly and at a moderate speed.
- Do not twist your finger as you remove it from the Fingerprint Recognition sensor.
- Do not scratch or press the Fingerprint Recognition sensor, or place magnetic materials near it.
- For best results, do not use this function after taking a shower or bath, or with hardened or cracked skin.
- For best results, do not use this function if your fingerprint is excessively moist, salty or caked with cosmetics.

Fingerprint Management

To register ("enroll") a new fingerprint or change the fingerprint recognition settings, select the appropriate function.

- To see detailed information on enrolled fingerprints, press the [ ] key then select Detail View. If a fingerprint is recognized and the Secret Dial function is activated, the name and the phone number are displayed. To see other fingerprints, press the [ ] key and [ ] key.
- To enroll a new fingerprint, press the [Option] Soft key to display the setting commands:
- To add a fingerprint and set up Secret Dial and fingerprint authentication, select Enroll Finger.
- To edit the Secret Dial list associated with the fingerprint, select Secret Dial List.
- To display guidance on scanning fingerprints, select Help.
- To delete an existing fingerprint, select Remove fingerprint.

- To allow the fingerprint to be used for authentication, select Set as Auth. You can set only one fingerprint for this function.
- To edit the numbers associated with the current fingerprint, select Edit Secret Dial.
- To disable the Secret Dial list associated with the current fingerprint, select Remove Secret Dial.

Secret Dial

Select this command to view and edit the list of Secret Dial numbers assigned to a fingerprint.

You can then set Secret Dial numbers for each of 10 fingerprints. These numbers can be dialed only when those users' fingerprints are scanned. You can enter the name and the phone number, and you can copy a contact's information from your phonebook. Copied numbers are managed separately from the phonebook. Numbers deleted from the phonebook are not removed from the Secret Dial list.

Registering fingerprints

- Select the finger icon using the navigation keys then press the [Option] Soft key then select Enroll Finger.
- Scan the same finger at least 3 times. If this fails, select the command again to scan the finger again. You can scan a single fingerprint up to seven times to successfully register it.
- If you fail three times in a row, the Help animation is displayed to show you how to do it.
- Put your entire knuckle on the sensor, push it down hard and sweep downwards.

Setting fingerprint authentication

Select an existing fingerprint by pressing the [ ] key and [ ] key then press the [Option] Soft key then select Set as authentication. You can select only one fingerprint for authentication.

Disabling fingerprint authentication

- A finger icon is displayed in Idle mode.
- Press the [Unlock] Soft key to view the fingerprint authentication screen.
- Press a number key to use this function and select the Lock/Unlock function as you type your password.
- You can select only one fingerprint.

Setting Secret Dial

- Select an existing fingerprint as described in Setting fingerprint authentication (above) then select Set as Secret Dial and enter the name and phone number.
- You can either enter the name and phone number or copy them from your Contacts.
- You can add or edit numbers only using the Fingerprint function.

Using Secret Dial

- When in Idle mode, press and hold the [ ] key or the [ ] key and [ ] key scroll keys. The same scanning animation you saw in the authentication setting will be displayed. You can then make a call to the number assigned to an enrolled fingerprint by scanning the finger.
- When the Handset Lock is activated, this disables authentication mode, rather than the Secret Dial function.

Skin Checker

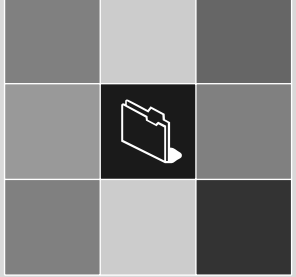
The Skin Checker function uses your phone's fingerprint sensor to scan your skin and grade your skin condition by A, B, C and F. You can use this function to check your skin's Fineness, Shape, and Moisture.

The skin grades are listed below; each grade is determined by the average grade of fineness and shape.

- A: 80% or higher
- B: 75%~80%
- C: 60~75%
- F: 60% or lower

Using Skin Checker

1. Highlight Skin Checker in the Fingerprint then select the [ ] key.
2. Scan your skin.
   Your skin condition is displayed when scanning is completed.



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9 SIM Toolkit*

The following section describes various security codes used on your phone.

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorized 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

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

NOTE The factory setting for the lock code is 1234. To avoid unauthorized 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.

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 emergency numbers such as 112, to prevent accidental dialing of an 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 function.

(For further details, see **Security Settings** on page 83.)

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 center.

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 center.

When the "Handset locked enter password" message appears:

Enter the phone password. If you cannot remember the password, contact the nearest service center.

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 center.

When audio quality is poor:

End the 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.

❶ Your charger may be out of order. Contact your nearest dealer.

❷ You may be attempting to use the phone in an overly hot/cold temperature. Try changing the charging environment.

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

When you are unable to input data into your Contacts:

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

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 mobile phone in dry conditions 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 your mobile 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 authorized batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorized batteries, battery chargers and accessories will void the limited product warranty.
- Ensure that the earthing points of the battery and battery charger do not come in contact with conductive objects.

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 reroute 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 unauthorized 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 traveling 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

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