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It's different

PG-3300

USER'S MANUAL

5U010182000 REV00



USER MANUAL

PG-3300

Thank you for choosing Pantech PG-3300 and welcome to wireless mobile communication networking with the PG-3300, our tri-band GSM mobile phone.

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

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

NOTE Some of the contents in this User Manual could vary from your phone, depending on your software version and network provider.



Phone specification

Design

Folding phone with internal and external display

Display

Dual clamshell 262,144 TFT LCD internal and 65,536 Color STN LCD external.

- 26.112 mm x 28.16 mm display for 1.5" internal LCD
- 18.71 mm x 18.71 mm display for 1.04" external Color STN
- Supports up to 262,144 colours within 128 x 128 pixels internal and 96 x 96 pixels external
- 5 lines for text in basic mode with 16-pixel font
- Two Soft keys and four-way scroll and selection ([]) keys

Melodies

Yamaha 64 poly sound(Support MP3 Ringtones)

Camera

Integrated VGA(300k) CMOS Camera.

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

- Photo album in Gallery
- Photo Gallery for image storing and editing
- 3 image quality options: Fine, Normal, Low
- Auto white balance (AWB), Auto exposure(AE), Various effects

Dimensions & Weight

- Weight: 69 g (with standard battery)
- Dimensions: 82.7 mm x 41.5 mm x 18.4 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

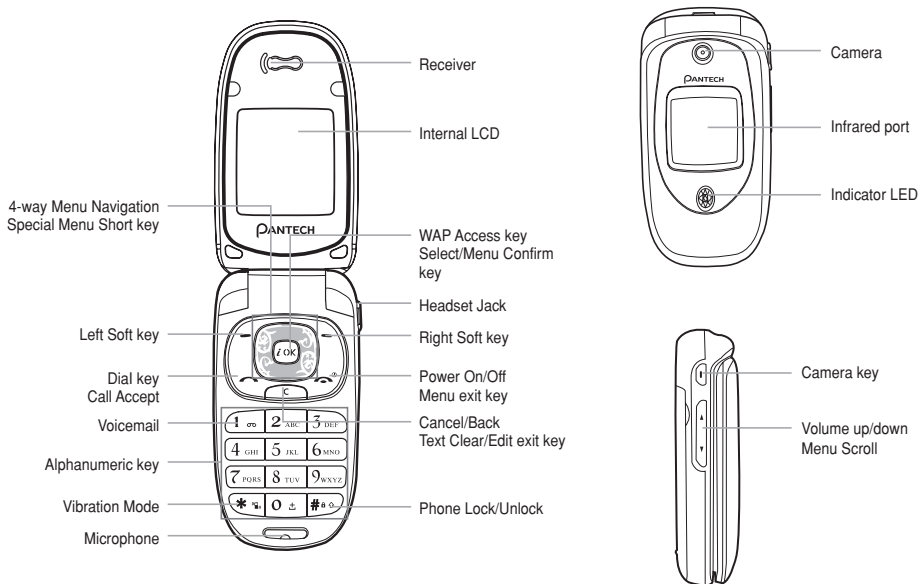
Install vehicle hands free devices away from the steering and airbag expansion area, otherwise injury may result.

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.



View





Key	Function
 (Left/Right)	Performs the functions shown at the bottom line of the display.
	Scrolls through the menu options in Menu mode. In standby mode, Left key (↶): Favorite list screen Right key (↷): Games list screen Up key (⬆): Messages menu screen Down key (⬇): SIM Toolkit menu screen For details, see "Using the Shortcut Key in Standby Mode".
	Opens the WAP (Wireless Application Protocol) menu list if pressed shortly in standby mode. Launches the WAP browser directly, if pressed and held in standby mode. Selects a menu functions which stores user input information, such as names, SIM memory. Also used for confirmation.
	Deletes characters from the display, or returns to previous menu. Opens Calendar view if pressed shortly in standby.
	Sends or receives a call. Shows the recent call list in standby mode. Re-dials the last call number if pressed and held in standby mode.
	Completes the current call. Turns on/off the phone if pressed and held. Cancels user input and returns to standby mode while in Menu mode.



Quick & Easy

Key	Function
	Quickly connects to the voice mail server if pressed and held in standby mode.
 ~ 	Enters numbers, letters or special characters. Goes to the dial screen if pressed in standby mode.
	Enters or exits from Vibration mode if pressed and held in standby mode. Shows the symbol input screen if pressed in text input mode. Works in Word search mode if pressed in the Predictive text input mode.
	Enters an international dialling prefix. Enters the space character in text input mode.
	Locks or unlocks the phone if pressed and held in standby mode. Changes various text input modes if pressed and held at the text-editing screen.
 	Adjusts the earpiece volume while making a call, and moves the cursor upwards or downwards in the menu. Controls the key tone volume in standby mode if the phone flip is opened.
	Turns camera capture mode on. Works as a camera shutter in capture mode. Turns Video Mode on if pressed and held.



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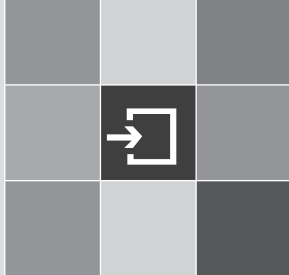
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Getting Started

1. Package contents
2. SIM card
3. Battery
4. Display
5. Selecting functions and options





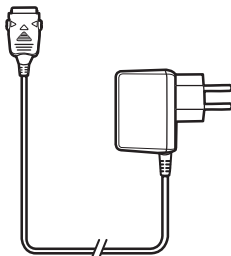
Package Contents



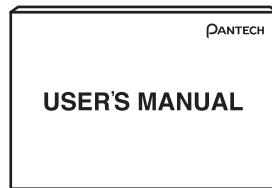
Phone



Battery



Travel Charger



User's Manual

*** The contents can be vary by regions.**



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.

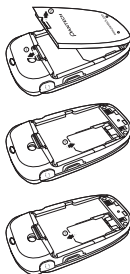
Do not bend, scratch or expose it to moisture.

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

- 1 Remove the battery from the unit.
- 2 If the SIM slot is empty, insert the SIM card into the slot.
- 3 To remove the SIM card, push the SIM card in the direction of the arrow shown in the picture.



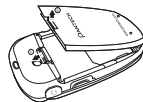
Inserting your battery

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, until you hear a click.



Removing your battery

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



Charging your battery

Your phone uses a Li-Ion battery. Make sure to use an authorized 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 the phone and connect the charger adapter, as shown. A suitable adapter is supplied with your phone.





Batería

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 the phone, as shown.



Tip Your phone is powered by 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 the 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 authorized 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 unauthorized charger.
- To prevent injury or burns, ensure that no metal objects come into contact with the + and – terminals of the battery.

This phone has two displays (internal and external). Icons on the top of the display indicate the phone status.

Internal Display



Icons Area

Text and Graphic Area

Displays the following information in standby mode: Area Information through Cell Broadcast service, Network Name, Time and Date, or Standby Soft key Indications

Soft key text

Display icons

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

Icon(s)	Description
	Shows the received signal strength. The greater the number of bars, the stronger the signal.
	Flight Mode indicator
	A call is being made.
	Phone is outside the network coverage area; you cannot make or receive a call.



Display

Icon(s)	Description
	You have received one or more voice messages.
  	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 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 vibration.
	The alert type for all tones is set to quiet and the alert type for all rings is set to vibration.
	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.

Automatic display off

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



Selecting functions and options

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

You can access these functions using the left and right selection ("Soft") keys ([] and []).

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

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:

- 1 Press the left or right Soft key as appropriate.
- 2 To select the function displayed or option highlighted, press the left Soft key or the [] key.
- 3 To highlight the next or previous option in a list, press the Down or Up scroll key.
- 4 To move back to the previous function or option in a list, press the [] key.
- 5 To return to Standby mode, press the [] key.

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

External Display

You can use several menus even though the folder is closed.

The following section describes the external display screen and easy-to-control external menus and their functions.



Side Up

- Adjusts the earpiece volume and moves the cursor up in the menu during a call.
- Mutes the ring tone of an incoming call.
- Rejects the incoming call.
- Turns the flash on if pressed and held.
- Starts scrolling in the external menu screen.
- Increases the volume in MP3.
- Zooms in with the camera.



Side Down

- Adjusts the earpiece volume and moves the cursor down in the menu during a call.
- Mutes the ring tone of an incoming call.
- Rejects the incoming call.
- Starts scrolling in the external menu screen.
- Goes to the external menu screen if pressed and held (Shown with MP3/Camera)
- Decreases the volume in radio and MP3.
- Zooms out with the camera.



Extra Key

- Turns the camera capture mode on,
- Works as a camera shutter in the capture mode
- Turns Video Mode on if pressed and held.
- Selects a menu or moves to the sub-menu, if pressed while in the external menu.
- Exits from the menu screen and returns to the standby screen if pressed and held while in the external menu screen.

image taken will be displayed on the screen. Press the [] key to save the picture with auto naming, when the folder is closed.

Press and hold the [] key to activate the video mode when folder open.

External Menu List

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

- MP3: Allows you to play MP3.
- Camera: Allows you to select either Camera or Video in order to take pictures.

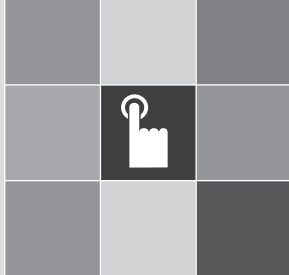
Side Key Special Functions.

① Snap Shot

Close the folder to initiate the camera function.

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

Press the [] key again to take a photo. And then, the



Basic functions

1. Switching the Phone On or Off
2. Making a Call
3. Answering a Call
4. Calling Options
5. Using the Headset
6. Using the Speaker Phone
7. Selecting Menu Functions
8. Entering Text





Switching your phone on or off & Making and ending a Call

To switch your phone on

- 1 Open the folder.
- 2 Press the [] key until the 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 78.)

Your phone starts to search for an available network and the current date and time is shown on the display. 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, for example, select the Language menu option. (For further details, see Language on page 77)

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 the phone number Standby mode, then press the [] key.

NOTE If you have set the [Auto Redial] option on (For further details, see Auto Redial on page 76), the phone will attempt to make a call automatically for up to 10 times if it is not answered.

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

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

To end a call

Press the [] key or close the folder.

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 is saved in the first position.

- 1 Press the [] key to see the Call Log list of dialled,



received or missed call numbers in reverse chronological order.

- 2 Press the [] or [] key to select the number you want.
- 3 Press the [] key to dial the selected number.

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 [] 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.

Press the [] key to dial the selected number. (For further details, see 2. Contacts on page 52)

To make an international call

- 1 Press and hold the [] key for the international prefix

until the '+' character appears on the display, or enter the outgoing national code.

- 2 Enter the country code, area code and phone number you want to make a call to.
- 3 Press the [] key.

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" to dial a number which you have saved as "5" in Speed Dial List. For speed dial numbers longer than 2 digits, press the first one and then press and hold the second one. (For further details, see Speed Dialing on page 53)

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.



Answering a Call

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.

- 1 To answer a call, open the folder.
- 2 If your phone is already open, press the  key.

NOTES If your answer type is set to [Any Key], you can answer calls by pressing any key except the  key. You can also answer a call with the phone closed, by pressing the [Answer] Soft 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.

- 1 Keep your phone open.

- 2 Press the [View] Soft key to display the list of missed calls.
 - 3 If necessary, scroll to highlight the number you want by pressing the  or  scroll key.
 - 4 Press the  key to call the missed call's number.
- Press the  key or  key to close the "missed call" notification message.

NOTE You can also reply to a missed call with the phone closed, by pressing the [View] Soft key.

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  or  scroll key during the incoming call.

The caller hears a 'busy' tone.

NOTE You can also reject a call with the phone closed, by pressing the [Reject] Soft key.

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

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

- 1 Press the [] key to answer the incoming call.
- 2 The first call is automatically put on hold.

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

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

The call on hold is automatically reconnected to you.

To switch between two calls

Press the [Swap] Soft key.

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

In Standby mode with the phone open, you can adjust the key tone volume using the [ / ] volume keys.

To display call options

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

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 the phone cannot hear you.

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



Options during a call

To switch your phone's microphone off

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

To switch your phone's microphone back on

Press the [Sound] Soft key, or press Option then 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 [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 [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 or  key. The current call is put on hold and the call on hold is reactivated so that you can continue your conversation with the caller.

To end a call

Close your phone or 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  or  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 press 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 press 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 press the [Join All] option.

To view the status of multi-party call participants

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

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

- ① Place the multi-party call on hold by pressing the [Option] Soft key then pressing 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, close your phone or press the [] key in the normal way.

To have a private conversation with one participant

- ① Press the [Option] Soft key then press the [Private] option.
- ② Press the [Select] Soft key or [] key.
- ③ Press the [] or [] scroll key to highlight the participant you want then press the [] key. Now you can talk privately with that person.



Options during a call

- 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 press 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 press the [Exclude] option.
- ② Press the [] or [] 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.
- ③ End the multi-party call by pressing the [] key.

Searching for a number in Contacts during a call

- ① Press the [Option] Soft key.
- ② If necessary, press the [] or [] scroll key to highlight the [Contacts] option. Press the [Select] Soft

key.

- ③ Select the preferred search type like Name, Group, or Photo.
- ④ Press the [] key.
- ⑤ 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 [] or [] scroll key.

To view the highlighted entry in Contacts

Press the [] key (For further details, see 2.Contacts on page 52).

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 the [DTMF Off] or the [DTMF On] option.

Reading or writing a message during a call

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

- ① Press the [Option] Soft key.
- ② Press the [◀] or [▶] scroll key to highlight the [Messages] option then press the [Select] Soft key or [OK] 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 [OK] key. (For further details, see Write New on page 40.)

Using your headset

You can make 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 & Selecting Menu Functions

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

To deactivate the speaker phone function, press the [Option] Soft key then [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.
While using the speaker phone function, do not place your phone.

Selecting Menu Functions

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	Goes to the main menu in standby mode.
[] key	Goes to the 'SIM Toolkit' menu.
[], [] key	Moves within the main menu.
[], [] key	Searches for the sub-menu.
[] key	Goes to the sub-menu. Goes to the WAP menu.

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

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

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



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

NOTE Press the [C] key to return to the previous menu. Input the menu number to access the sub-menu quickly.

Using shortcuts in Standby Mode

Key	Menu selected if pressed	If pressed and held
[M] key	Menu	
[N] key	View Names'	
[G] key	Games	
[S] key	Sound Settings List	Displays 'Write New'
[OK] key	WAP	Directly connect to WAP browser
[F] key	Favorite	Organizer menu
[T] key	SIM Toolkit	
[C] key	Calendar Monthly View	
[R] key	Recent Calls	Redial last call
[P] key	Photo capture mode	Video capture mode

Input Mode

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

The available text input modes include.

T9 mode

You can input a letter using only one keystroke per letter.

The keypad has more than one letter on it – when you press the [5 JKL] 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.

ABC mode

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

123 mode

You can input a number in this mode.



Entering Text

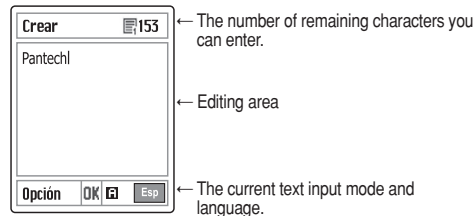
Symbol mode

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 will be displayed at the bottom of the LCD.

Example: Entering a memo.



To switch to other text input modes:

- 1 Press the right Soft key indicating the current text input mode.
- 2 Toggle to the mode you want to use by pressing the [] right Soft key. The 'Language select' option allows you to

change the text input language.

To insert a space

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

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

Scrolling

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

NOTE By pressing the [ / ] key, the cursor can be moved very quickly to the beginning or the end of the text.

Clearing Letters and Words

To clear the letter to the left of the cursor, press the [] key. You can clear all of the letters on the display by pressing the [] key longer.

Returning to the Previous Screen

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

TIP To change the text input mode quickly



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

Using T9 mode

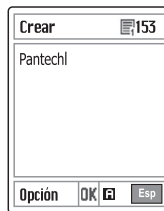
In the T9 alphabet Editor, each word is composed completely as you input the text.



- Press the keys numbered [2 ABC] to [9 WXYZ] to input text. For example, press [4 GHJ][3 DEF][5 IJK][5 IJK][6 MNO] in sequence to input 'hello'. The word you are typing appears on the display. It may change with each key you press.
- Enter the whole word before editing or deleting any keystrokes.

- Upon searching a word, input the next text.
- If the search fails, press the [*] key to search which text can be typed in. The phone displays the most commonly used choices first.
- Continue entering the next word.

Using ABC Mode



When typing in ABC mode, press the key labelled with the target letter:

- Press the key once for the first letter.
- Press twice for the second letter.

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

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



Entering Text

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

[English]

KEY	Characters in displayed order
1 ON	. , - ? ! ' @: 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	Space 0

Changing Case

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

There are three cases:

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

Using 123 Mode



The number mode allows you to enter numbers into the 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 [Symbol] key.

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

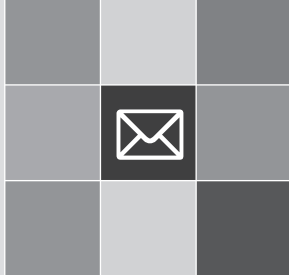


Press the [#+] key longer or the [Soft] key to escape from Symbol mode.

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

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

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



Applications

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



Messages

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.

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.

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, sound and/or video.

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 the phone that supports the multimedia message feature can receive or display the multimedia message.

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 71)

Write New

Press the [Menu] Soft key then select 1. Messages then select 1.Write New, then press [] 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 your message, press the [Option] Soft key [] to select from the following options.

- Language: The selected language is displayed at the bottom right corner of your phone's display.
- Add Picture: 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.

- ① While you are creating a multimedia message, press the [Option] Soft key to select from the following functions.

- Add Subject: Edits the message subject. (For further details, see 7. Selecting Menu Functions on page 32.)
 - Add Text: Enters new text into the message. (For further details, see 7. Selecting Menu Functions on page 32.)
 - Add Image: Adds an image from the Image Gallery. Press the [] key to select the image from the image list. (For further details, see Image Gallery on page 60.)
 - Add Photo: Adds a photo from Photo Gallery. Press the [] key to select the phone from the photo list in a folder. (For further details, see Photo Gallery on page 59.)
 - Take a Photo: Adds a new photo by taking a photo using the camera feature. (For further details, see Taking photos on page 63.)
 - Add Sound: Adds a sound. Press the [] key to select the sound from the sound list. (For further details, see Sound Gallery on page 61.)
 - 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.
- ② While you are editing a multimedia message, press the [Option] Soft key to select from and use the following options. The options menu may not appear depending on situations.



Messages

- 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 32.)
 - 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.
- ③ 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

42 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: Adds an E-mail attachment.
- Add Template: Adds the text of an E-mail template to the E-mail text.
- 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.:

- ① When you have completed entering the message, press the [OK] key.
- ② 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.



- ③ 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:

- ① When you finish creating the message, press the [OK] key.
- ② 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.
- ③ To send the message to several recipients (up to 15 recipients), repeat from step 2.
- ④ 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. 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 40.)

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.

Press the [Reply] Soft key [Reply] to write and send a new message to the sender's number.

To manage a text message opened in Inbox:

When the text message is open, press the [Reply] Soft key [Reply] to create a new text message for sending to the sender's number, or press the [Option] Soft key to select



Messages

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 of 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.

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 [OK] 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.
- ⑤ Press the [Reply] Soft key [↵] to create a new multimedia message for sending to the sender's number, or press the [Option] Soft key [⌂] to select from the following functions.
 - **Delete:** Deletes the selected message.
 - **Forward:** Edits or sends the received message to another recipient.
 - **Delete All:** Deletes all messages in the Inbox.

To manage a multimedia message opened in Inbox:

- ① In Multimedia Msg., select the multimedia message you want to edit then press the [OK] key.
- ② Press the [Reply] Soft key [↵] to create a new multimedia message for sending to the sender's number, or 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.
- **Message Info.:** Displays information on the selected message (sender, subject, and size).

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.



Messages

- ② Press the [Resend] Soft key [] to resend the message.

To manage messages in Outbox:

- ① In the Outbox, select the unsent message you want to manage.
- ② Press the [Resend] Soft key [] to resend the message, or press the [Option] Soft key [] to select from the following functions.
 - Edit: Edits the selected message.
 - Delete: Deletes the message.
 - Delete All: Deletes all messages in the Outbox.

To manage a message opened in Outbox:

- ① In the Outbox, select the unsent message you want to edit then press the [] key.
- ② Press the [Resend] Soft key [] to resend the message, or press the [Option] Soft key [] to select from the following functions.
 - Edit: Edits the selected message.
 - Delete: Deletes the message.
 - Save as Template: Saves the current message as a template.

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 [] 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.

To manage a message opened in Draft Box:

- ① In the Draft Box, select the unsent message you want to edit.
- ② Press the [Edit] Soft key [] to edit the selected message, or press the [Option] Soft key [] to select from the following functions.
 - Delete: Deletes the selected message.
 - Save as Template: Saves the current message as a template.



- Send: Sends the selected 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 the [Resend] Soft key [↩].

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.

To manage a message opened 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: Edits the message.
 - Delete: Deletes the message.
 - Save as Template: Saves the current message as a template.

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 message in 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.



Messages

- Delete All: Deletes all templates.

To manage message opened in Templates:

- 1 In Templates, select the template you want to edit then press the [OK] key.
 - 2 Press the [Edit] Soft key [] to edit the selected template, or press the [Option] Soft key [] to select from the following functions.
- Send: Sends the template.
 - Delete: Deletes 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 [] or [] 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 [] or [] scroll key to choose either On or Off.
- Delivery Report: Specifies whether the network informs you whether or not your message has been delivered.

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

• Gateway

- **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 [] or [] 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

• Gateway

- **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 [] or [] 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 [] or [] 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 [] or [] scroll key to select either On or Off.

Read Report:

Specifies whether the message recipient sends you a 'Read Report' when the message is read.



Messages

Delivery Report:

Specifies whether the network informs you whether or not your message has been delivered.

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 [] or [] scroll key to select between 30KB, 60KB, 100KB, and 300KB.

E-mail Accounts:

Specifies the list of E-mail accounts. Press the [F OK] 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 E-mail 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 server used to receive E-mail.
- Outgoing Server: The SMTP server used to send E-mail.
- SMTP Authentication: 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 [] or [] 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 [] or [] scroll key to select either On or Off.
- Saving Memory: Specifies where received e-mails are stored. Press the [] or [] scroll key to select between the following:



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

External Memory: Saves the files, which are attached to E-mail, in the phone 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 [] or [] 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 [] key.



Contacts

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

Displaying your Contact details

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

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 [] key. The contact list is shown and the cursor is placed on an item that matches your input data.
- ② Press the [] or [] scroll key to view the recorded numbers.
- ③ Press the [] 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 Infrared: Transmits the selected contact's information via Infrared.
- Add to Speed Dial: Adds the selected number to Speed dial.
- Move Memory: Moves the selected contact's details to SIM or Phone.
- Language: Changes the language.
- New Contact: 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 []

or [] scroll key then press the [] key to dial the number.

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

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, E-mail, and Memo.
- SIM Card: Name, Mobile, and Group
- Phone or SIM: Select the saving location – phone or SIM.

Editing contacts

You edit your contacts using the Add Contact screen.

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 3. 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 [] or [] scroll key to move to an empty entry then press the [Add] Soft key.
- ② Press the [] or [] scroll key to choose a contact then press the [] or [] 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 [] or [] scroll key to move to the entry you want to remove from the Speed Dial list then press the [Option] Soft key [], then select Delete.



Contacts

To edit a Speed Dial number

Press the [] or [] scroll key to move to the entry you want to edit, then press the [Edit] Soft key [].

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.

Business Card

This function enables you to save your business card and send it to the phone of other user via IrDA. 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 [Edit] Soft Key [] to edit the saved business cards, or press

the [Option] Soft key [] to select from the following functions:

- Infrared Port: Sends your business card using IrDA.
- Delete: Deletes 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.



Delete All

This function deletes all information saved on the 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 Phone/SIM memory in use. Press the [Menu] Soft key then select 2.Contacts then select 9.Memory Info.

Call Logs

This function displays missed calls, received calls, and dialled calls.

You can delete a call log and see the information for the call timer, call cost, and GPRS info in this menu.

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

This function displays missed calls, received calls, and dialled calls.

You can delete a call log and see the information for the call timer, call cost, and GPRS info in this menu.

NOTE If Contacts contains the phone number that you want to dial, the name will be displayed, or phone number, date, and time will be displayed alternatively on the Screen.
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.



Call Logs

Press the [⏮] or [⏭] scroll key to select a missed call.

Press the [Delete] Soft key [⏻] to delete the missed call record from the list, or 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 [⏮] or [⏭] scroll key to select a received call.

Press the [Delete] Soft key [⏻] to delete the received call record from the list, or 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 dialled calls list showing the time and date of dialled 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 [⏮] or [⏭] scroll key to select a dialled call.

Press the [Delete] Soft key [⏻] to delete the call record from the list, or 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 dialled 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 [] or [] scroll key to select a call.

Press the [Delete] Soft key [] to delete the call record from the list, or 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 the [Yes] Soft key [] or [No] Soft key [] 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, Dialed, 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.



Call Logs

- **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.

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

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.



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

Photo Gallery

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

Viewing and managing your photo albums

Either press the [Menu] Soft key then select 4.Media Gallery then select 1.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 Album list.

Press the [New] Soft key to add an album to your Photo Gallery. You can add up to 6 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.

Select a photo and press the [OK] key to enlarge the photo view. 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 [Left] 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 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.

IrDA – Sends a selected image to IrDA.

- 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 [Left]; press the Right Soft key [Right] to zoom out from the selected photo. The photo size is set to the



Media Gallery

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.

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 2.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 the 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 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.

IrDA – Sends a selected image to IrDA.

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 3. 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 [] or [] 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.

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

Contact – Assigns the image to a contact in Contacts.

- **Information:** Views details of the selected image.
- **Send via:**

MMS – Files are transmitted via MMS.

IrDA – Sends a selected image to IrDA.

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 4.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 Ring Tone:** Sets the selected sound file as a ringtone.

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

- **Information:** Views details of the selected sound file.
- **Send via:**

MMS – Files are transmitted via MMS.

IrDA – Sends a selected image to IrDA.

NOTE Consumers who convert MP3 files containing commercial music may be subject to copyright law. You therefore should not distribute those files illegally.



Media Gallery

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 Infrared from other devices.

Press the [Menu] Soft key then select 4.Media Gallery then select 5.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 display.

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

- 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:

MMS – Files are transmitted via MMS.

IrDA – Sends a selected image to IrDA.

Memory Info.

Displays information on the memory usage status for Photo, Video, Image, Sound, Java, and MMS and System used.

NOTE The <System> memory information means the total used memory for the reserved objects, user-defined wallpapers, etc.



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

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

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 You can use the following keys to adjust your phone's camera directly.

Shooting Mode	Icon	Description
Single Capture		General mode for a single photo.
Multi Capture		Takes multiple photos. The quantity of photos is determined by the Multi-Shot option.
Frame Capture		Takes the photo with the saved frame. Image size: 128X128 pixels (fixed)



Multimedia

Function	Available Menu	Soft key
Image Size	LCD/QVGA/VGA	[*]
Brightness	7 levels (from 0 to 6)	[<] and [>]
Zoom	Control by levels	[<] and [>]
Hide Icons	On/Off	[0]

Viewing your photos

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

NOTE: You cannot zoom in 1.3M mode.

Press the [Cancel] Soft key or the [0] 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 [Save] 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 [O] 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).
- Effect: Applies an effect to the photo.
- 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.
- Self Timer: Specifies the delay time for all shooting modes.

When you press the [Timer] key or [T] 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 a Picture with the Folder Closed

- 1 Press and hold the [] key on the right side of your phone with the folder closed to enter the Capture mode.
 - 2 Adjust the image by aiming the camera at the subject. Press the [Side] key to zoom the image just taken image. Press the [] key to zoom control. Press the [] key to shoot the image in the current preview. Press and hold the [] key to escape from Capture mode.
 - 3 To save the captured image, press the [] key and input a default name in the default album. After saving, the photo function will be finished.
- Press the [Side] key to move to the capture preview screen without saving the captured image.

Taking a video

- 1 Press the [Menu] Soft key then select 5.Multimedia then select 1.Camera 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 [] and [] scroll keys to zoom in or out. Press the [] and [] 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 [OK] 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.
- Frame Rate: Specifies the video frame rate. You can choose 15 or 30 frames per second.
- Effect: Applies an effect to the video.

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).
- Image Quality: Defines the default quality of photos you shoot. You can choose Normal, Fine or Low.
- 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.
- 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.
- 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.
- Auto Save: Specifies whether or not your phone chooses a default name and album when you take photos and videos.

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

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 53.)
- ② Press the [] key when the image field is highlighted. The Contact Image screen is displayed.
- ③ Select 2.Take a Video (For further details, see Taking a video on page 65), or 4.Video Gallery (For further details, see Video Gallery on page 60) 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 65.)
- ② Display the Video Gallery. (For further details, see Video Gallery on page 60.)
- 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 OK [] 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 65.)
- ② Display the Video Gallery. (For further details, see Video Gallery on page 60.)
- 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.



Multimedia

Press the [Menu] Soft key then select 5.Multimedia then select 2.MP3 Player then press the [OK] 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.
- Flight Mode: Deactivates your phone's telephony functions.

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 [F] to select from the following functions.

- Play via: Switches playback between your Phone and your A/V Headset.
- Play All: Lists all MP3 music files stored on your External Memory. 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.

Press the [A-B] Soft key [A/B] to repeat between A and B.

Function	Available key
Play/Pause	[OK] key
Next/Previous play	[Next/Prev] key
Stop	[Stop] key
Type of repeat	[Repeat] key
Volume Control	[Vol Up/Down] key
RW/FF	press [Next/Prev] key and hold

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.
5. : Plays the music randomly without any repetition.
6. : Replays all the music randomly and without end.

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 External Memory 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 card 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 selected 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 Normal, Rock, Dance, Country, Normal, Pop, Jazz or Classic.
- Skin: Specifies which image is displayed on the Player screen during playback. You can choose Equalizer, Animation01 or Animation02.



Games

Your phone includes one or more games for you to play.

Each game contains Help information explaining how to use your phone's keys that control the game.

The control keys differ depending on the game.

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 4.Java.

Listing Java games stored on your phone

Press the [Menu] Soft key then select 5.Multimedia then select 4.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 [] and select the [Run] Soft key, or press the [] key
View Detail Information	Press the [Option] Soft key [] and select the [Info] Soft key, or press the [] Soft key.
Delete the game	Press the [Option] Soft key [] and select the [Delete] Soft key.

Viewing the amount of Java application memory used

Press the [Menu] Soft key then select 5.Multimedia then select 4.Java then select 2.Memory Info.

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 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 display. You can choose Digital Clock 1, Digital Clock 2, Analog Clock, Calendar, Greeting or D-day.

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 2.Greeting.
- ② Input the greeting message then press the [OK] key.

Back Light

This function allows you to specify for how long your phone's display is backlit.

- ① Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 3.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 [OK] key.

Service Light

This menu displays the On Service status in the external LED. Press the [Menu] Soft key then select 6.Settings then select 1.Display Settings then select 4.Service Light and select the one of Off/Green/Blue/Yellow/Cyan/Violet/White/Red, and then press the [OK] key.



Settings

Voice Light

When this feature is set, the external LED blinks reacting to the voice of the other party during a call.

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, or press the [☞] key in Standby mode.

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 press the [Edit] Soft key 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 and the [Edit] Soft key in Standby mode then select 2.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. User Sound plays melodies from the Sound Gallery.

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 and the [Edit] Soft 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 [◁] or [⏏] 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 [◁] or [⏏] 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 the 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 and the [Edit] Soft 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 folder.

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 and the [Edit] Soft key in Standby mode then select 5.Folder Tone.

You can personalize the following.

- **Tone Type:** Specifies whether your phone's folder tone is turned on or off.
- **Ring Volume:** Specifies the folder tone's loudness. You can choose from eight levels ranging from silent to loud (0~7).
- **Sound:** Specifies the folder tone. You can choose from Bell 1, Bell 2, or Bell 3.



Settings

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 and the [Edit] Soft 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 [↵] 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 [↔] and the [Edit] Soft key 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 [Yes] Soft key.

Call Settings

Call Settings define how your phone reacts when you receive a call or make a call, 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 [↶] or [↷] scroll key to specify which of the following methods is to be used to answer calls.
 - SEND key: Incoming calls are answered by pressing the [↶] key.
 - Any Key: Incoming calls are answered by pressing any key except the [↶] key and [Reject] Soft key.
 - Flip Open: Incoming calls are answered by opening the phone's folder.

- Auto Answer: 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 number. Using the [Option] menu, you can make calls from the Recorded Message list, send messages and delete messages from the list.
- 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



Settings

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 [Edit] Soft key [⏏] to edit your Own Number, or 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 to your SIM card.

Active Line

Press the [Menu] Soft key then select 6.Settings then select 3.Call Settings then select 8.Active Line'. Some SIM cards may be used with two subscriber numbers. This menu is available only if your SIM card supports it. This menu option allows you to select the Line1/ Line2/ Choice Line to be used to make calls. However, calls can be answered on both lines, regardless of the selected line.

NOTE: Please contact your service provider to check the availability of this feature and how to subscribe to ALS(Alternate Line Service).

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.



Settings

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 Access codes in the Appendix, on page 95.

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 decide whether to set SIM Lock .

Press the [] or [] 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 previous PIN2 number and the new PIN2 number to change.

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 does not allow specific features access. You must input the password before you can access to this function. This function allows you to lock an application.

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.

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



Settings

8.Security Settings then select 7.CUG.

Select the CUG name then press the [Edit] Soft key [] to edit the CUG identifier.

Fixed Dialling (Fixed Dialling 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 [Menu] Soft key then select 6.Settings then select 8.Security Settings then select 8.Fixed Dialling.

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 previous PIN2 number and the new PIN2 number to change.

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 the phone password then press the [ OK] key. The default phone password is 1234.

Flight Mode

Press the [Menu] Soft key then select 6.Settings then select 9.Flight Mode. Once you select «Flight Mode On», you cannot make or receive calls. This mode enables you to switch off all telephone communications functions but maintains power to other functions such as the calendar, games, MP3 Player, etc. This mode supports use of these features in environments where transmitters and/or receivers are not allowed, such as on aircraft. If you select «Flight Mode Off», your phone will restart.

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 10.Software Version.



Organiser provides various functions for setting alarms, recording important events and memos, displaying world times, performing calculations and converting units, and timing events.

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 [] key.

Press the [New] Soft key [] in the list to set a new alarm with the edit alarm screen, or 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 [] key. You can then set the Set, Time, Melody and On/Off Wakeup Call options.

Press the [] key to edit the Alarm, then press the [] key

in the 'Edit Alarm' screen to set on Set, Time, Melody or On/Off Wakeup Call.

To set the Melody type, press the [] key to display the Sound Gallery to select a melody.

You can only set the Date when the alarm type is "Weekly". After you select Date, press the [] key to set the weekdays you want.

You can set these by pressing Mark or Unmark. Press the [] 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



Organizer

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.

To:	Press:
Move to another day	[] Previous day [] Next day
Move to another week	[] Previous week [] Next week
Move to the previous or next month	[] Previous month [] Next month

- View All Events: Shows all of your scheduled events
- Del. Past Events: Deletes your past scheduled events.
- Del. All Events: Deletes all of your scheduled events.
- 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 [] 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 [] 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 Date: Transfers an event to a specific date.
- Delete All: Deletes all events.
- Send via Infrared Port: Sends the selected event via Infrared.

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 [] 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 [New] Soft key [] to input text to create a new text memo, or press the [Option] Soft key [] to select from the following functions.

- Edit: Retrieves existing memos for editing.

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

- Delete: Deletes selected memo.
- Delete All: Deletes all memos

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



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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 [i 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 Via: Sends the selected voice memo via Infrared.
- Copy to External Memory: Copies the selected voice memo to your External Memory card.

World Time

This function informs you of world times.

Press the [Menu] Soft key then select 7.Organiser then select 4.World Time.

Press the [Set] Soft key [⏏] to replace the Target Area with the Home Area, or 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 Day Light Saving is activated for that place.

Tip: Day Light Saving sets the clock one hour ahead.

Calculator

Your phone has a Calculator function. Calculator provides 4 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 the [=] Soft key to display the result.

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 [C] scroll key to move to the next line, press the [V] or [A] scroll key to select a target unit, and press the number keys to input numbers.
 - Press the [C] scroll key again to move to the next line and select a result unit; the correct answer is displayed automatically.
 - Press the [.] Soft key to input a decimal.
 - The result is automatically recalculated when you

change the units or value.

Stop Watch

The Stop Watch measures time for all sorts of sports.

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 [Start] key to start the Stop Watch.
- Press the [Stop] key to pause the Stop Watch, then press the [Start] 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 [OK] key.



Organizer

- Press the [▶], key to start the countdown.
- Press the [■] key to pause the countdown, then press the [▶] key to restart the countdown.
- After the preset time, your phone plays an animation and alarm sound. Press the [Stop] Soft key to stop both.
- After the alarm and animation have played at the set time, both are reset automatically.

Fatness Checker

This function enables you to easily check your physical condition, which is affected by your weight changes, by displaying the fatness level and BMI index based on the height and weight data you enter.

Press the [Menu] Soft key then select 7.Organiser then select 9.Fatness Checker.

Enter your height and weight, then press the [OK] key to check your fatness level and BMI index.

Press the [Option] Soft key [⏏] to select from the following functions.

- Measure Again: This function allows you to re-enter your height and weight.
- About Fatness: Shows your fatness level determined

based on the fatness value. Your phone calculates fatness by comparing your weight against the recommended weight for your height.

- About BMI: Shows your fatness level calculated from the BMI (Body Mass Index) value. Your phone calculates this by comparing your weight with your height.



Advanced Functions

1. WAP
2. Infrared Port
3. SIM Toolkit



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

Navigating using the WAP browser

To scroll through and select browser items, press the [] or [] scroll key until the item you want is highlighted then press the [] key.

- To display the next or previous page, press the [] or [] scroll key, respectively.
- To return to the previous page, press the [] 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 33.)

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 [OK] 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 [OK] 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 [] or [] 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 [V] or [V] 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 [V] or [V] 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.



WAP & Infrared Port

Security Cert

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

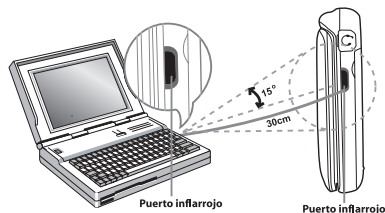
- ① Press the [Menu] Soft key then select 8.Connectivity then select 1.WAP then select 8.Security Cert.
- ② Select a security certificate then press the [Option] Soft key [] to select one of the following functions.
 - Delete: Deletes the selected security certificate.
 - Delete All: Deletes all security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

Infrared Port



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

select 2.Infrared Port. Allows you to change the current status of the Infrared port

- Internet Connection: Uses the Infrared port for GPRS Modem purposes (Only some menus and functions are accessible.)
- PC Sync Connection: Connects to PC Sync with the Infrared port. (Only some menus and functions are accessible.)
- Object Exchanging: Sends/receives any image, sound,

contact or event file from or to any other device equipped with an Infrared Port

- Deactivate: Deactivates the Infrared port

To send an object using “Send via Infrared”

- ① Align the object with the other device
- ② Select “Send via Infrared” from the option menu for the file you want to send
- ③ Check the progress and completeness of the process with the Progress screen

To receive an object

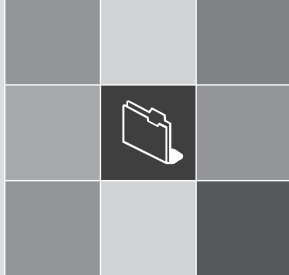
- ① Activate “Object Exchanging” first
- ② Align the object with the other device
- ③ Check the progress and completeness of the process with the Progress screen.
- ④ If you select the View/Play menu after the image/sound file is received, you can view or listen to this file and then it is saved in the Image Gallery if it is an image, or in the Sound Gallery if it is a sound file. If you select the View menu displayed after a Contact/Event file is received, you can view this file. When you select the Save menu on the View window, it is saved in Phone Memory if it is a contact file or in the Event for the date specified if it is an event

NOTE: The Infrared Port is not available for WAP connection or fax service. Depending on which Windows operating system you have, you may not be able to connect to the Infrared Port. For more details, see the PC Sync Guide Manual on using the various functions of the Infrared Port



SIM Toolkit

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



Appendix

1. Menu tree
2. Access codes
3. Troubleshooting checklist
4. Performance and safety
5. Glossary
6. Memo



Menu tree

1 Messages

1.1 Write New

- 1.1.1 Text Msg.
- 1.1.2 Multimedia Msg.

1.1.3 E-mail

1.2 Inbox

1.3 Outbox

1.4 Draft Box

1.5 Sent Box

1.6 Templates

1.7 Settings

- 1.7.1 Text Msg.
 - 1.7.1.1 Message Centre
 - 1.7.1.2 Message Lifetime
 - 1.7.1.3 Message Type
 - 1.7.1.4 Receive to
 - 1.7.1.5 Save Message
 - 1.7.1.6 Delivery Report
- 1.7.2 Multimedia Msg.
 - 1.7.2.1 MMS Profile
 - 1.7.2.2 Message Lifetime
 - 1.7.2.3 Auto Download
 - 1.7.2.4 Save Message

- 1.7.2.5 Read Report
- 1.7.2.6 Delivery Report
- 1.7.3 E-mail
 - 1.7.3.1 Max. Message Download Size
 - 1.7.3.2 E-mail Accounts
 - 1.7.3.3 Save Message
 - 1.7.3.4 Saving Memory
- 1.7.4 CB Msg.
 - 1.7.4.1 Language
 - 1.7.4.2 Info. Subjects
 - 1.7.4.3 Receive
- 1.7.5 Voice Mail
 - 1.7.5.1 Call
 - 1.7.5.2 Voice Mail Number
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2 Contacts

2.1 Search

- 2.1.1 Name Search
- 2.1.2 Group Search
- 2.1.3 Service Number

2.2 Add Contact

2.3

Speed Dial

2.4

Groups

2.5

Business Card

2.6

Memory in USE

2.6.1

Phone or SIM

2.6.2

SIM Card

2.6.3

Phone

2.7

Copy All

2.8

Delete All

2.8.1

Phone

2.8.2

SIM Card

2.9

Memory Info.

3 Call Logs

3.1

Missed Calls

3.2

Received Calls

3.3

Dialled Calls

3.4

Recent Calls

3.5

Delete Call Logs

3.5.1

Missed Calls

3.5.2

Received Calls

3.5.3

Dialled Calls

3.5.4

All Calls

3.6

Call Timer

3.6.1

Last Call Time

3.6.2

Received Call Time

3.6.3

Dialled Call Time

3.6.4

Total Call Time

3.6.5

Reset Call Times

3.7

Call Cost **

3.7.1

Last Call Cost

3.7.2

Total Call Cost

3.7.3

Clear Logs

3.7.4

Max. Cost

3.7.5

Cost Unit

3.8

GPRS Info.

3.8.1

Current Info.

3.8.2

Last Info.

3.8.3

Total Info.

3.8.4

Clear Logs

4 Media Gallery

4.1

Photo Gallery

4.2

Video Gallery

4.3

Image Gallery

4.4

Sound Gallery



- 4.5 Other Files
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5 Multimedia

5.1 Camera

- 5.1.1 Take a Photo
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- 5.1.5 Settings
 - 5.1.5.1 Image Size
 - 5.1.5.2 Image Quality
 - 5.1.5.3 White Balance
 - 5.1.5.4 Self Timer
 - 5.1.5.5 Multi-Shot
 - 5.1.5.6 Shutter Sound
 - 5.1.5.7 Auto Save

5.2 MP3 Player

- 5.2.1 Player
- 5.2.2 Music Album
- 5.2.3 File Manager
- 5.2.4 Settings

5.3 Games

- 5.4 Java
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6 Settings

6.1 Display Settings

- 6.1.1 Main Screen
 - 6.1.1.1 Wallpaper
 - 6.1.1.2 Wallpaper Type
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- 6.2.1 Ring Tone
- 6.2.2 Bell Sound
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- 6.2.5 Flip Open Tone
- 6.2.6 Sound Effect
- 6.2.7 Profile Name

- 6.2.8 Reset
- 6.3 Call Settings
 - 6.3.1 Call Divert **
 - 6.3.1.1 All Calls
 - 6.3.1.2 When Busy
 - 6.3.1.3 On No Answer
 - 6.3.1.4 When not Found
 - 6.3.1.5 Cancel All
 - 6.3.2 Answer Type
 - 6.3.3 Auto Answer
 - 6.3.3.1 Auto Answer
 - 6.3.3.2 Recorded Message
 - 6.3.3.3 Response Message
 - 6.3.3.4 Response Time
 - 6.3.3.5 User Message
 - 6.3.4 Auto Redial
 - 6.3.5 Call Waiting**
 - 6.3.5.1 Activate
 - 6.3.5.2 Deactivate
 - 6.3.5.3 Status
 - 6.3.6 Send Caller ID**
 - 6.3.7 Own Number
 - 6.3.8 Active Line

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- 6.8 Security Settings
 - 6.8.1 SIM Lock *
 - 6.8.2 Change PIN *
 - 6.8.3 Phone Lock
 - 6.8.4 Change Password
 - 6.8.5 Application Lock
 - 6.8.6 Call Barring
 - 6.8.6.1 H/S Barring
 - 6.8.6.2 N/W Barring**
 - 6.8.7 CUG**
 - 6.8.8 Fixed Dialling*
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 - 6.8.10 System Reset
- 6.9 Flight Mode
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7 Organiser

- 7.1 Alarm
- 7.2 Calendar

** Network Dependent

* SIM Dependent
** Network Dependent



Menu tree

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 - 7.3.1 Text Memo
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8 Connectivity

- 8.1 WAP**
 - 8.1.1 Home
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- 8.1.8 Security Cert
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- 8.2 Infrared Port**
 - 8.2.1 Internet Connection
 - 8.2.2 PC Sync Connection
 - 8.2.3 Object Exchanging
 - 8.2.4 Deactivate

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 PIN1 code is blocked, you need the PUK 1 code to unblock 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 PUK1 (Personal Unblocking Key) code is required to unblock a blocked PIN1 code. The PUK2 code is required to unblock 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 the emergency numbers, such as 112, to prevent accidental dialling of the emergency number.

Call Barring Password (4 digits)

The call barring password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function. You can change this password using the Call barring menu option. (For further details, see Security Settings on page 78.)



Troubleshooting checklist

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

When the “Insert SIM Card” message appears:

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

When the “Handset locked enter password” message appears:

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

When the “Enter PIN1” message appears:

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

When the “No service” or “Network failure” message appears:

Check the SSI (Signal Strength Indicator) state. If you cannot make a connection in underground areas or in buildings where signal strength may be low, try moving

to another place. If you still cannot make a connection, contact the nearest service centre.

When audio quality is poor:

End a call and try again.

When the other party cannot hear you speaking:

Your phone may be set to MUTE. Disable the MUTE function.

When battery lifetime is shorter than usual:

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

When your mobile phone does not turn on:

Make sure your battery is charged. Check to see if your phone works while recharging the battery.

When you are unable to send a message:

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

When you are unable to make a call:

Your phone may be set to “fixed dial.” Cancel the “fixed dial” function.



When you are unable to charge the battery:

This may be the result of one of the following three cases.

- 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

- 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.



Glossary

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

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

Ability to 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 can provide a continuous connection to the Internet for mobile phone and computer users, where network coverage allows. It is based on the Global System for Mobile Communication (GSM) circuit-switched mobile phone connections and the Short Message Service (SMS).

GSM (Global System for Mobile Communication)

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

Multiparty Calling

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

PIN (Personal Identification Number)

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

**PUK (PIN Unblocking Key)**

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

Roaming

Use of your phone when you are outside your home area (when 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.

