Declaration of Conformity

Hereby, Sharp Telecommunications of Europe Ltd, declares that this GX30 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
A copy of the original declaration of conformity can be found at the following Internet address:
http://www.sharp-mobile.com

Introduction

Congratulations and thank you for choosing the GX30.

About This User Guide

This user guide is carefully designed to help you learn about your phone's features and operations quickly and effectively.

NOTICE

- We strongly recommend that you keep separate permanent written records of all important data. Data may be lost or altered in virtually any electronic memory product under certain circumstances. Therefore, we assume no responsibility for data lost or otherwise rendered unusable, whether as a result of improper use, repairs, defects, battery replacement, use after the specified battery life has expired or any other cause.
- We assume no responsibility, directly or indirectly, for financial losses or claims from third parties resulting from the use of this product and any of its functions, such as stolen credit card numbers, the loss or alteration of stored data, etc.
- All company and/or product names are trademarks and/or registered trademarks of their respective holders.
- Screen layout illustrated in this user guide may differ from the actual one.
  The information described in this user guide is subject to change without notice.
- All the functions described in this user guide may not be supported in all networks.
- We assume no responsibility for downloaded contents, information, etc. from network.
- The CGS-LCD is a world advanced technology product, giving you fine picture quality. Occasionally, a few black or bright pixels may appear on the screen. Please note that this will not have any impact on any of the features or performance.

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CP8 PATENT

Useful Functions and Services of the Phone

Your phone offers you the following features:

- Built-in digital camera that can take pictures and record video clips.
- Create and read SMS (Text Message).
- MMS (Multimedia Messaging Service) can personalise your phone in various ways: you can send and receive multimedia messages with graphical images, photographs, sound or video clips attached.
- WAP browser to help you access a variety of information on the mobile Internet.
- Java™ applications. You can also download various kinds of applications from Vodafone via the mobile Internet.
- Continuous grain silicon (CGS) colour LCD main display with images that are clearer and easier to view.
- Colour external display enables you to quickly see who is calling and if you have any new messages.
- Mobile light with large number of uses: as a camera flash, battery charge notification, incoming call indicator and a makeshift torch.
- Melody editing function allows you to create original ringtones using up to 40 voices.
- Voice recorder function allows you to record and play back your voice messages.
- MP3 player that can play back MP3 sound files.
- Memory card slot that expands connectivity with a PC by using the memory card.
- Bluetooth interface that establishes contact with other Bluetooth-enabled device (handsfree headset for Bluetooth or hands free car kit for Bluetooth only).

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Your Phone

Please check the following carefully. Your phone should come complete with:

- GSM 850/900/1800/1900 GPRS phone
- Rechargeable Li-ion battery
- AC charger
- Handsfree Kit
- CD-ROM
- SD memory card
- User guide

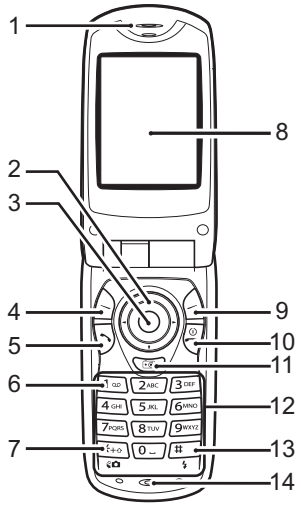
Optional Accessories

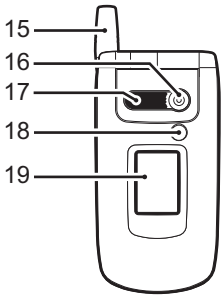
- Lithium-ion spare battery (XN-1BT30)
- High capacity Lithium-ion battery (XN-1BT31)
- Cigarette lighter charger (XN-1CL30)
- USB data cable (USB cable: XN-1DC30)
- AC charger (XN-1QC30, XN-1QC31)
- Personal handsfree kit (XN-1ER20)

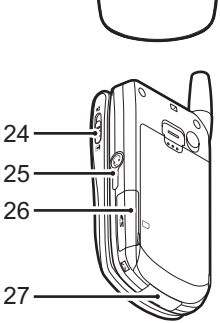
The above accessories may not be available in all regions.

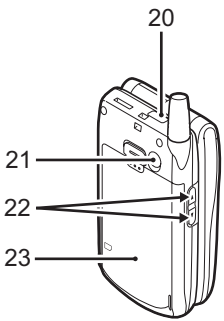
For details, please contact your dealer.

Getting Started









1. **Earpiece**
2. **Navigation Keys (Arrow Keys)**:

   Moves cursor to select menu items, etc. ▲, ▼, ◀, ▶ in this manual indicate these keys.

   Up/Down arrow keys: Displays Contacts List entries in stand-by mode.

   Left arrow key: Displays list of Applications in stand-by mode.

   Right arrow key: Displays list of pictures in the handset memory in stand-by mode.
3. **Centre Key**: Displays Main menu in stand-by mode and executes functions. ● in this manual indicates this key.
4. **Left Soft Key**: Executes the function at the bottom left of the screen. ⌐ in this manual indicates this key.
5. **Send Key**: Makes or accepts calls, views the call in stand-by mode.
6. **Voice Mail Key**: Press and hold this key to connect to the Voice mail centre automatically. (Depends on the SIM card.)
7. *** /Shift Key, Viewfinder Switch Key**: Switches character case among four modes: Abc, ABC, 123 and abc. Switches viewfinders between main display and external display in digital camera/video camera mode.
8. **Main Display**
9. **Right Soft Key (“Vodafone live!” Key)**: Executes the function at the bottom right of the screen. ¬ in this manual indicates this key.

   Used to access “Vodafone live!” by opening the browser.

10.End/Power Key: Ends a call, turns power on/off.

11.Camera Key: Starts the Camera application in stand-by mode.

12.Keypad

13.#/Flash light Key: Switches symbol screens. Press and hold this key to shift text input method between multi-tap and T9 mode.
Turns the flash/auxiliary light on or off in digital camera/video camera mode.

14.Microphone

15.Aerial

16.Camera

17.Speaker

18.Mobile Light: Used as a flash or an auxiliary light in digital camera/video camera mode, as a battery charge indicator, or notification for incoming calls, data/fax calls or messages.

19.External Display

20.Infrared Port: Sends and receives data via infrared.

21.RF Connector

22.Side-Up/Side-Down Keys:
Moves cursor to select menu items, adjusts earpiece volume, etc.
In stand-by mode, press and hold this key to turn the mobile light on and off.
When the mobile light is on, press this key to change the light colour.

23.Battery Cover

24. Macro Switch (Close-up): Switches between normal ( ) and macro ( ) position.

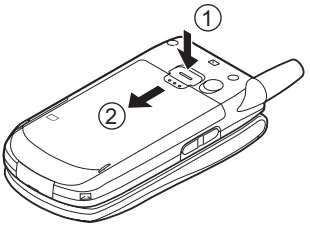
25. Handsfree Kit Connector

26. Memory Card Slot Cover

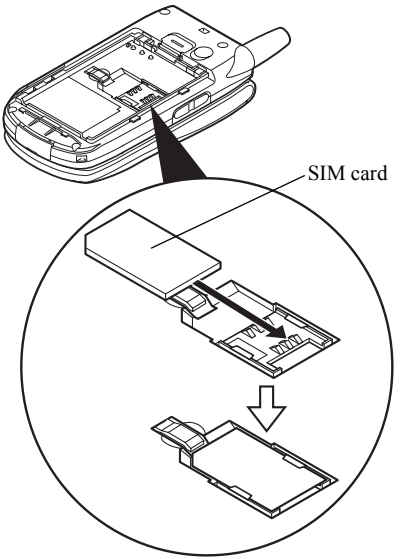
27. External Connector: Used to connect either the charger or USB data cable.

Inserting the SIM Card and the Battery

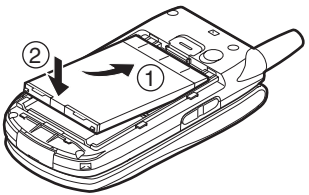
1. Slide off the battery cover (① ②).



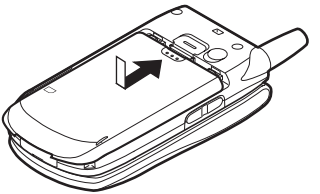
2. Slide the SIM card into the SIM holder.



3. Hold the battery so that the metal contacts of the battery are facing down, slide the guides on the top of the battery into the battery slots ①, and then insert it ②.



4. Replace the battery cover as shown below and slide it as shown.

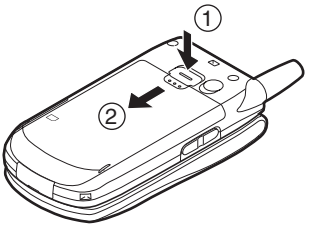


Note

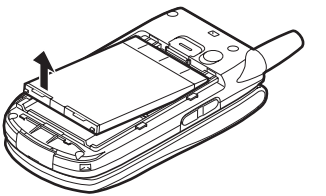
- *Make sure that only 3V SIM cards are used.*
- *Make sure that the standard accessory battery (XN-1BT30) or the optional accessory, high capacity Li-ion battery (XN-1BT31) is used.*

Removing the SIM Card and the Battery

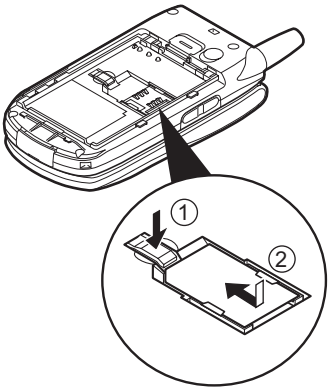
1. Make sure to turn off your phone and disconnect the charger and other accessories. Slide off the battery cover ① ②.



2. Pick up the battery using the protruding edge and remove the battery from the phone.



3. Hold down gently ① while sliding the SIM card out of the SIM holder ②.



Battery Disposal

The device is supported by a battery. In order to protect the environment, please read the following points concerning battery disposal:

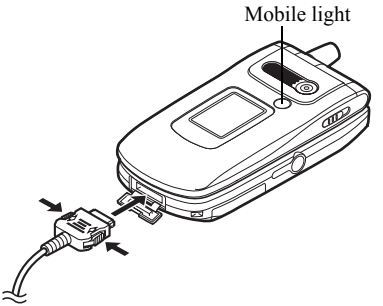
- Take the used battery to your local waste depot, dealer or customer service centre for recycling.
- Do not expose the used battery to an open flame, into water or dispose with the household waste.

Charging the Battery

You must charge the battery for at least 2 hours before using your phone for the first time.

Using the Charger

1. Connect the charger to the external socket located at the bottom of the phone by pressing both sides indicated with arrows, and connect to an AC outlet.



The mobile light lights red.
Standard charging time: Approx. 2 hours.

Note

- *Charging time may vary depending on the state of the battery and other conditions. (See "Battery" on page 192.)*

To Disconnect the Charger

Push and hold the side buttons of the charger, then disconnect the charger from the external socket of the phone.

2. When charging is complete, the mobile light turns off. Unplug the charger from the AC outlet, then unplug the charger connector from the phone.

Note

- *Do not use any non approved charger, this may damage your phone and invalidate any warranty, please see "Battery" on page 192 for details.*
- *When the phone is charging, the animated battery status icon ( ) in the upper right of the screen displays the current status.*

To Charge Using the Cigarette Lighter Charger

The optional cigarette lighter charger supplies power for charging from the cigarette lighter socket of a car.

Battery Level Indicator

The current battery level is displayed in the upper right hand side of the main display and the external display.

Low Battery During Use

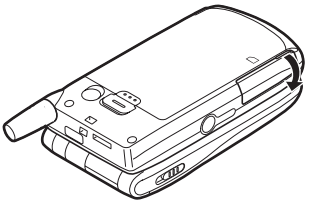
When the battery is running low, an alarm will sound and the " " is displayed on the main display and the external display.

If you are using your phone and you hear the "low battery" alarm, attach your charger as soon as possible. The phone may not be able to continue normal operation if you continue to use it. The battery may only last approximately five minutes before the phone itself powers down during a call.

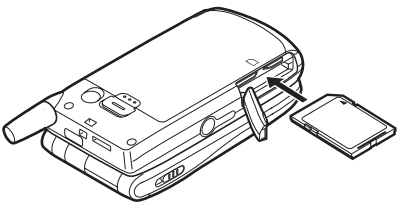
Battery Indicators	Charge Level
	Sufficiently charged
	Partially charged
	Charging recommended
	Charging required
	Empty

Inserting the Memory Card

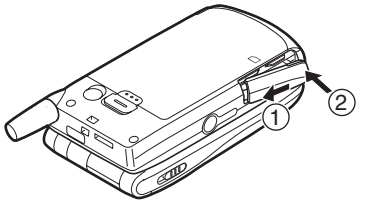
1. Turn off the phone.
2. Open the memory card slot cover.



3. Insert the memory card all the way in.



4. Close the cover.



Note

- *The miniSD memory card cannot be used with your phone.*
- *Make sure that the phone is turned off before opening the memory card cover.*
- *Use only SD memory cards up to 512 MB, or MMC up to 128 MB.*
- *Be sure to insert the card in the correct direction and orientation.*
- *The SD memory card has a write-protect switch that prevents you from deleting memory contents by accident. If you slide the switch to the lock position, you cannot save or delete files.*
- *Do not open the memory card cover whilst an memory card is being formatted or being written by the phone. The card may be damaged beyond use.*
- *Keep all memory cards out of the reach of small children.*

Memory Card Folder Configurations

Four folders entitled PICTURES, SOUNDS, VIDEOS, BACKUP are created on the memory card. The pictures and sounds, and video clips are stored in each entitled folder.

Tip

- *You see the following indicators when the memory card is in use:*

: Appears when the card is inserted.

: Appears when the card is inserted and locked.

: Appears when the card is damaged or cannot be used.

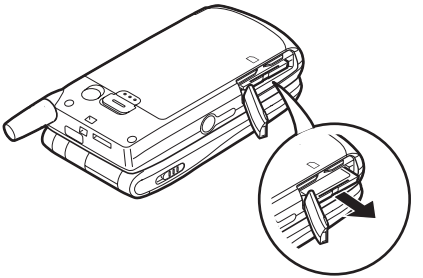
: Appears when the card is locked and damaged or unusable.

: Appears when the card is being written or read.

: Appears when the card is being formatted.

Removing the Memory Card

1. Open the memory card slot cover, remove the card, and close the cover.



Note

- *Be sure to turn the phone off before removing the memory card.*
- *Do not remove the memory card whilst the memory card is being formatted or written to.*

Turning Your Phone On and Off

To turn the power on, press and hold for approximately 2 seconds.

The stand-by screen is displayed.

To turn the power off, press and hold for approximately 2 seconds.

To Enter the PIN Code

If activated you are asked to enter a PIN (Personal Identification Number) code after turning on your phone.

1. Enter your PIN code.
2. Press .

Note

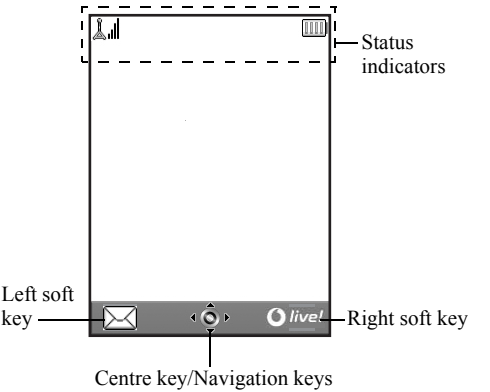
- *If your PIN code is entered incorrectly three times in a row, the SIM card is locked. See "Enabling/ Disabling the PIN Code" on page 180.*

To Copy Contacts List from the SIM Card

When you insert the SIM card into your phone for the first time and start the Contacts List application, you are asked whether you wish to copy Contacts List entries on the SIM card. Follow the on-screen instructions, or you can do it later using the Contacts List menu as follows:

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Contacts”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Contacts List”, then press ◯ to select.
4. Press ⌐ [Options] to display Options menu.
5. Press ▲ or ▼ to highlight “Advanced”, then press ◯ or ⌐ [Select] to select.
6. Press ▲ or ▼ to highlight “Copy All from SIM”, then press ◯ to select.
7. Press ⌐ [Yes] to start copying.
   To cancel copy, press ⌐ [No] in step 7.

Display Indicators (Main Display)



Status Indicators

1. / : Indicates the strength of received signal/the service is out of range.
2. : Appears when your phone is GPRS enabled and within range. Flashes during GPRS transmission.
3. / / : Appears when a new text message, multimedia message alert or WAP alert has arrived.
4. : Appears when the memory card (p. 16) is inserted.
5. / : Appears when the application is executed (colourful) or suspended (sepia).
6. (No display)/ / / / : Indicates the phone's mode (Normal mode/Activity mode/Car mode/ Headset mode/Silent mode).
7. **T9** : Appears when the T9 text input method is activated.
8. **Abc** / **ABC** / **abc** / **123** : Indicates the text input method (First letter upper case mode/Upper case mode/Lower case mode/Numeric mode).
9. : Appears when "Diverts" (p. 165) is set to "All Calls".
10. : Appears when the Outbox contains multimedia messages you failed to send.
11. / : Appears when viewing secured WAP page.
12. : Appears when in call.
13. / : Appears when the WAP or MMS communication is in CSD or GPRS mode.
14. : Indicates the battery level.
15. : Appears when your phone is roaming outside of your network.
16. : Appears when "Ringer Volume" (p. 137) is set to "Silent".

17. : Appears when vibration (p. 138) alert is set.

18. : Appears when the USB data cable is connected to your phone.

19. /: Appears when "Infrared" is on/during connection.

20. : Appears when the Bluetooth is activated.

21. : Appears when your phone is in data communication mode.

22. : Appears when your phone is in fax communication mode.

23. : Appears when a voicemail message is stored.

24. : Appears when the alarm is set.

Soft Key Indicators

To execute the operation indicated, press the corresponding key.

25. Area at the lower left of the screen:
    Displays the operation executed by left soft key.

26. Area at the lower right of the screen:
    Displays the operation executed by right soft key.

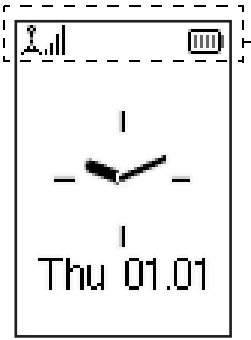
Centre Key/Navigation Keys Indicators

To execute the operation indicated, press the corresponding key.

27. Area at the lower centre of the screen:
    Displays the operation executed by the centre key. (For centre key options, use the Options menu displayed by the left soft key.)

28. Around the centre key indicator:
    Appears when up, down, right or left navigation is available.

Display Indicators (External Display)



Status Indicators

1. : Indicates the received signal strength.
2. : Appears when GPRS is within range and can be used.
   Flashes during GPRS communication mode.
3. : Appears when a new text message, multimedia message alert or WAP alert has arrived.
4. : Appears when "Ringer Volume" (p. 137) is set to "Silent".
5. : Appears when in call.
6. / : Appears when the WAP or MMS communication is in CSD or GPRS mode.
7. : Indicates the battery level.
8. : Appears when your phone is roaming outside of your network.
9. : Appears when "Diverts" (p. 165) is set to "All Calls".
10. : Appears when your phone is in data communication mode.
11. : Appears when the phone is in fax communication mode.
12. : Appears when the alarm is set.

13. : Appears when the USB data cable is connected to your phone.

14. : Appears when “Infrared” is on/during connection.

15. : Appears when the Bluetooth is activated.

16. : Appears when the Outbox contains multimedia messages you failed to send.

17. : Appears when the memory card (p. 16) is inserted.

Call Functions

Making a Call

1. Enter the area code and the phone number you wish to dial.

   If you enter the wrong number, press [Clear] to delete the number to the left of the cursor.
2. Press to dial.

Emergency Calls

1. Enter 112 (international emergency number) using the keypad.
2. Press to dial.

Note

- *Emergency calls may not be available on all mobile phone networks when certain network services and/ or phone features are in use. Contact your network operator for more information.*
- *This Emergency number can normally be used to make an emergency call in any country, with or without a SIM card inserted, if a GSM network is within range.*

International Calls

1. Press and hold until a "+" (international dialling prefix) sign is displayed.
2. Enter the country code, followed by the area code and the number.
3. Press to dial.

Note

- *Enter the area code omitting the first 0 when making international calls, in most cases. (It differs for some countries.)*

Speed Dialling

Up to 9 phone numbers from the Contacts List memory (Handset and SIM) can be assigned to speed dials. You can call the numbers using the digit keys (to and).

For details on setting the Speed Dial List, see "Speed Dial List" on page 49.

1. To dial a number using the speed dial, press and hold any of the digit keys (to and).

   The phone number stored in the Speed Dial List is dialled.

Redialling

You can redial the numbers in the call log list that you may have missed, received or dialled. Each list can contain up to 10 numbers.

1. Press during stand-by.
2. Press or to highlight a category between "Dialled Numbers", "Missed Calls" and "Received Calls".
3. Press or to highlight the number you wish to call.
4. Press to redial the call.

Automatic Redialling

This setting allows you to automatically redial the number if the first attempt was unsuccessful because the called party was busy.

If you wish to stop redialling, press or [End].

To Set the Auto Redial Function

1. Press to display the Main menu.
2. Press , , or to highlight "Settings", then press to select.
3. Press or to highlight "Call Settings", then press to select.
4. Press or to highlight "Auto Redial", then press to select.
5. Press or to highlight "On" to enable the Auto Redial function or "Off" to disable it, then press .

Note

- *When you receive an incoming call, the Auto Redial function is interrupted.*
- *Automatic redialling is not available for fax and data calls.*

Ending a Call

1. Press to end the call.

Tip

- *When the handsfree kit is connected to the phone, you can end calls by pressing the Answer button.*

Answering a Call

When an incoming call is detected, the phone rings and the mobile light flashes.

1. Open your phone.
2. Press , or [Answer] to answer the call.
   Or press any key except and [Busy] when the "Any Key Answer" function is enabled. Set the Any Key Answer function in the profile of each mode. (p. 141)

Tip

- *When the handsfree kit is connected to the phone, you can answer calls by pressing the Answer button.*
- *When the handsfree kit is connected to the phone and the Any Key Answer function is enabled, you can answer calls by pressing the side-up or side-down key.*
- *If you have subscribed to the Calling Line Identification (CLI) service and the caller's network sends the number, the caller's number is displayed on the screen. If the caller's name and number are stored in the Contacts List, the caller's name and phone number are displayed on the screen.*
- *If the number is a restricted number, the display shows "Withheld".*
- *When receiving a call from the person whose picture is registered in the Contacts List, receiving display and the picture are displayed alternately.*

Rejecting an Incoming Call

You can reject a call you do not wish to answer.

1. Press or press and hold the side-up or side-down key whilst the phone is ringing.

Letting the Caller Know You are Unavailable

You can send a busy tone to the caller of an incoming call letting them know that you cannot answer the call.

1. Press [Busy] whilst the phone is ringing.

Incall Menus

Your phone has additional functions available whilst a call is in progress.

Adjusting the Earpiece Volume

During a call, you can adjust the earpiece volume (and handsfree volume, if connected).

1. During a call, press the side-up or side-down key to display the Earpiece Volume screen.
2. Press the side-up key or ▲ to increase the volume of the call or press the side-down key or ▼ to decrease the volume.

   Five levels (level 1 to 5) are selectable.
3. Press ● when the volume is set to the desired level.

   The phone returns to the in-call screen automatically if left unoperated.

Putting a Call on Hold

This function allows you to manage two calls at the same time. If you wish to make another call whilst you are talking to someone, you can put the current call on hold to call someone else.

To Make Another Call during a Call

1. During a call, press ⌓ [Options] to display the Options menu.
2. Press ▲ or ▼ to highlight “Hold”, then press ● or ⌓ [Select] to select.

   The current call is put on hold.
   To retrieve a call, press ⌓ [Options] and press ▲ or ▼ to highlight “Retrieve”, then press ● or ⌓ [Select] to select.
3. Enter the phone number you wish to make another call to, then press ⌔.

Tip

- *You can also make another call by entering the phone number during a call instead of steps 1 and 2. The current call is automatically put on hold.*

Call Waiting

This service notifies you of another incoming call whilst you have a call in progress.

1. During a call, press [Options] and press or to select "Hold & Answer", then press or [Select] to answer the second call.

   The first call is put on hold and you can now talk to the second caller.

2. Press [Options] and press or to highlight "Swap Calls", then press or [Select] to switch between the two calls.

3. Press [Options] and press or to highlight "Release Call", then press or [Select] to end the current call and return to the held call.

Note

- *You need to set "Call Waiting" to "On" if you use the Call Waiting service (p. 162).*
- *Call Waiting service may not be available on all networks. Contact your network operator for more information.*
- *If you do not wish to answer the second call, press [Busy], or press [Options], then press or to highlight "Busy" or "Reject", then press in step 1. If "Reject" is selected, the call log of the second call is saved as a missed call.*

Accessing SMS Menu During a Call

1. During a call, press [Options] and press or to highlight "Text", then press or [Select] to select.

   The following options are available: "Create Message" to make an SMS, or "Inbox", "Sent" or "Drafts" to access these folders. For details on SMS, see "Text (SMS)" on page 76.

Conference Call

Conference call is a call with more than 2 participants. You may include up to 5 participants in a conference call.

To Make a Conference Call

To make a conference call, you must have one active call and one held call.

1. Press [Options] to display the Options menu.
2. Press ▲ or ▼ to highlight "Multiparty", then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight "Conference All", then press ● to join the conference call.
4. Press ⏻ to end the conference call.

Note

- *Conference call service may not be available on all networks. Contact your network operator for more information.*
- *You have more options for the Conference call in step 3:*
  - *To put all participants on hold, select "Conference Hold All".*
  - *To put all participants except the current call on hold, select "Private".*
  - *To end the call with all participants, select "Release All".*
  - *To disconnect from the conference call but still allow the other participants to continue talking together, select "Transfer".*
  - *To put the current call on hold and continue to have a conference call with the remaining participants, select "Exclude".*
  - *To reject adding more participants to the current party, select "Reject", or you can send the busy tone by selecting "Busy".*

To Add New Participants to the Conference Call

1. Press [Options] to display the Options menu.
2. Press or to highlight “Dial”, then press or [Select] to select.
3. Enter the number you wish to include in the conference call.
4. Press to dial.
5. Press [Options] to display the Options menu.
6. Press or to highlight “Multiparty”, then press or [Select] to select.
7. Press or to highlight “Conference All”, then press to join the conference call.

   If you wish to add other participants, repeat steps 1 to 7.

To End the Call with a Conference Call Participant

1. During a conference call, press or to highlight the person that you wish to disconnect from the conference call.
2. Press [Options] to display the Options menu.
3. Press or to highlight “Release Call”, then press or [Select] to select.

To Have a Private Conversation with One of the Participants

If you wish to have a private conversation with one of the participants, you may select the participant from the conference list and put the other participants on hold.

1. During the conference call, press or to highlight the person that you wish to talk to.
2. Press [Options] to display the Options menu.
3. Press or to highlight “Multiparty”, then press or [Select] to select.
4. Press or to highlight “Private”, then press to select.
5. Once you have finished the private conversation, press [Options] and highlight “Multiparty”, then press or [Select].
6. Press or to highlight “Conference All”, then press to return to the conference call.

Muting the Dial Tone (DTMF Tone)

1. During a call, press [Options] and press or to highlight “DTMF Tones Off”, then press or [Select].

   To unmute the dial tone, highlight “DTMF Tones On” in step 1.

Muting the Microphone

1. During a call, press [Mute] to mute the microphone.

   To unmute the microphone, press [Unmute].

Entering Characters

When entering characters to create Contacts List entries, text messages or multimedia messages, etc., press the corresponding keys.

In multi-tap input method, press each key until the desired character is displayed. For example, press 2abc once for the letter “A” or twice for the letter “B”.

Table of Characters

Pressing each key scrolls characters in the following order. The order varies depending on the language selected.

English Mode

Key	Upper Case Characters	Lower Case Characters	Numeric
1	. (full-stop) , (comma) - (hyphen) ? ! ’ (apostrophe) @ :1		1
2abc	ABC2	abc2	2
3def	DEF3	def3	3
4ghi	GHI4	ghi4	4
5jkl	JKL5	jkl5	5
6mno	MNO6	mno6	6
7pqrs	PQRS7	pqrs7	7
8tuv	TUV8	tuv8	8
9wxyz	WXYZ9	wxyz9	9
0	(space)+ = < > € £ $ ¥ % &0		0
*+o	Switches character case among four modes: Abc, ABC, 123 and abc.		
#	. , ? ! : ; - + # * @ ’ " ( ) _ & € £ $ % / ~ < > § = \ | ¥ ¿ ¡ ^ [ ] { } ¤ Å Ä Æ å ä æ à Ç É è é ì Ñ ñ Ö Ø ö ø ò ß Ü ü ù Δ Φ Γ Λ Ω Π Ψ Σ Θ Ξ (space) ↵		

1 - 9wxyz : Press and hold to enter 0 - 9 numbers.

*+o : Press and hold to enter *.

: Press and hold to shift between multi-tap and T9 mode.

Changing the Input Languages

You can change the input language on the text entry screen.

1. On the text entry screen, press [Options] to display the Options menu.
2. Press ▲ or ▼ to highlight “Input Language”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight the language you wish to change, then press ● to select.

Changing the Input Method

T9 Text Input

T9 text input method is a shortcut to enter text easily and quickly.

1. On the text entry screen, press [Options] to display the Options menu.
2. Press ▲ or ▼ to highlight “Input Method”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight the T9 mode (T9 Abc, T9 ABC, T9 abc) you wish to change, then press ● to select.

   “**T9**” is displayed on the main display.
4. Press each key once for any letter you require on that key.

   To enter the word “How”, press 4GHI 6MNO 9WXYZ.
5. If the word shown isn’t the one you want, press ▲ or ▼ until you highlight the correct one.
6. Press ● to select the word.

Note

- *If the correct word is not shown in step 5, enter the correct word again after switching to the multi-tap input method.*

Tip

- *If you press 0 instead of step 6, a space is inserted next to the selected word.*

Symbols and Punctuations

To enter symbols or punctuation, press #.

Using Text Templates

You can use the sentences registered in Text Templates when entering characters.

For details on creating the text template, see “Adding Phrases to Text Templates” on page 108.

1. On the text entry screen, press ▲, ▼, ◀ or ▶ to move the cursor to the point you wish to insert the template.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Text Template”, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight the text template you wish to use, then press ● to select.

   The selected text template is inserted.

Copying, Cutting and Pasting Text

Using these options, you can complete editing smoothly.

To Copy and Cut Text

1. On the text entry screen, press [Options] to display the Options menu.
2. Press ▲ or ▼ to highlight “Copy” or “Cut”, then press ● or [Select] to select.
3. Press ▲, ▼, ◀ or ▶ to move the cursor to the first letter to be copied or to be cut, then press ●.
4. Press ▲, ▼, ◀ or ▶ to move the cursor to the last letter to highlight the area, then press ●.

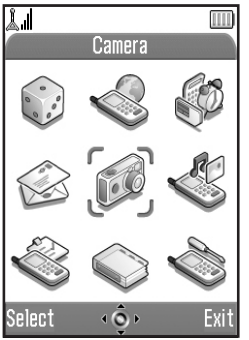
To Paste Text

1. On the text entry screen, press ▲, ▼, ◀ or ▶ to move the cursor to the point you wish to paste the letters.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Paste”, then press ● or [Select] to select.

   Saved text is pasted.

Using the Menu

Using the Main Menu



1. Press ◯ during stand-by.
   The Main menu is displayed.
2. Press ▲, ▼, ◀ or ▶ to navigate to required location.
3. Press ◯ to access function.

Pressing digit keys for the menu's corresponding number also accesses function. In this manual, the operation to access function is described by navigation keys operation.

To return to the previous screen, press [Back] if the right soft key displays [Back].

To close the Main menu, press [Exit].

Operation Guidance

Your phone uses soft keys to help you to navigate the phone (and). These keys change usage depending on the situation. The function of each soft key at any given time is highlighted at the bottom left and bottom right of the screen.

The function of the centre key is displayed in the centre at the bottom of the screen by the graphical icon.

Shortcut Keys

You can shortcut to the specified menus by pressing ◯ and digit keys for the menu's corresponding number on the Main menu. See the following table for reference.

Shortcuts are listed in the headings of this manual. For example: "M 9-1-1".

Example: To Access “Language” Sub Menu Using Shortcut Keys

Press 9wxyz 1 ∞ 1 ∞.

Note

- *The shortcut keys work for the first three menu levels only.*

List of Menu Functions

Menu No./ Main Menu	Menu No./ Sub Menu1
1 Games & More	**1** Applications **2** Screensavers **3** More Games **4** Settings **5** Java™ Information
2 Vodafone live!	**1** Vodafone live! **2** Games **3** Ringtones **4** Pictures **5** News **6** Sport **7** Find & Seek **8** Chat **9** Search
3 Applications	**1** SIM Application* **2** MP3 Player **3** Calendar **4** Alarm **5** Calculator **6** Voice Recorder **7** Melody Editor **8** Phone Help
4 Messages	**1** Create Message **2** Multimedia **3** Text **4** Album **5** Vodafone Mail **6** Messenger **7** Cell Broadcasts **8** Area Info
5 Camera	**1** Take Picture **2** Record Video
6 My Stuff	**1** Pictures **2** Games & More **3** Sounds **4** Videos **5** Bookmarks **6** Text Templates **7** Memory Status
7 Profiles	**1** Normal **2** Activity **3** Car **4** Headset **5** Silent
8 Contacts	**1** Contacts List **2** Add New Contact **3** Call Log **4** Speed Dial List **5** My Numbers
9 Settings	**1** Phone Settings **2** Call Settings **3** Diverts **4** Memory Card **5** Connectivity **6** Internet Settings **7** Network Settings **8** Security **9** Master Reset

* Depends on SIM card contents.

Contacts List (M 8-1)

You can store the phone numbers and e-mail addresses of your friends, family and colleagues in the Contacts List.

Your phone can store up to 500 entries or up to 500 phone numbers. In a Contacts List, you can store the following items.

Items stored in the handset memory

Name:	Up to 30 characters
Phone number:	Up to 40 digits, 3 phone numbers / entry
E-mail Address:	Up to 60 characters, 2 addresses / entry
Group:	Selectable from 7 groups
Address:	Up to 100 characters
Note:	Up to 60 characters

Items stored in the SIM memory

Name:	The number of characters that can be stored differs depending on the SIM card you use.
Phone number:	Up to 40 digits

Displaying the Contacts List

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Contacts”, then press ● to select.
3. Press ▲ or ▼ to highlight “Contacts List”, then press ● to select.

Selecting the Contacts List Memory

You can store new entries in the Contacts Lists (either in the handset memory or SIM card memory) or view currently saved entries.

1. Perform steps 1 to 3 in “Displaying the Contacts List”.
2. Press ⌓ [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Advanced”, then press ● or ⌓ [Select] to select.

The steps to be performed after step 3 differ depending on whether you wish to store new entries or view Contacts List entries.

When you store new entries

4. After performing steps 1 to 3, press ▲ or ▼ to highlight “Save new contacts to”, then press ● to select.
5. Press ▲ or ▼ to highlight “Handset Memory”, “Choice” or “SIM Memory”, then press ● to select.

   When selecting “Choice”, you can choose SIM card or handset memory every time you store a new Contacts List entry.

When you wish to change the Contacts List memory

4. After performing steps 1 to 3, press ▲ or ▼ to highlight “Contacts Location”, then press ● to select.
5. Press ▲ or ▼ to highlight “Handset Memory” or “SIM Memory”, then press ● to select.

Tip

- *The Contacts Location indicator (handset: or SIM:) is displayed so that you can find the memory you are using.*

Add New Contact (M 8-2)

You can choose either the phone (up to 500) or SIM card memory locations to store the new entry. For switching locations, see “Selecting the Contacts List Memory” on page 38.

The amount of phone numbers that you can store to the SIM card is dependent on its capacity. Contact your network operator for details.

If you create a new entry in the handset memory, you need to enter one of the following: “Name”, “Phone number” or “E-mail Address”. If you create a new entry on the SIM card, you need to enter: “Phone number”.

1. Perform steps 1 and 2 in “Displaying the Contacts List” on page 38.
2. Press ▲ or ▼ to highlight “Add New Contact”, then press ● or [Select] to select.

   If you select the “Choice” option for the memory to be used, the selection is between “To Handset Memory” or “To SIM Memory”.
   The “New Entry” screen is displayed.
3. Press ▲ or ▼ to move the cursor to the name field, then press ●.

   The name entry screen is displayed.

4. Enter a name, then press ◯.
   For details on entering characters, see "Entering Characters" on page 32.
5. Press ▲ or ▼ to move the cursor to the phone field, then press ◯.
   The phone number entry screen is displayed.
6. Enter the phone number, then press ◯.
   Up to 40 digits can be entered.
7. Press ▲ or ▼ to highlight a desired number type, then press ◯ to select.
   Steps 7 to 17 in this section cannot be performed if you use the SIM card for storing a new entry.
8. Press ▲ or ▼ to move the cursor to the e-mail field, then press ◯.
   The e-mail address entry screen is displayed.
9. Enter an e-mail address, then press ◯.
10. Press ▲ or ▼ to highlight the desired e-mail address type, then press ◯ to select.
11. Press ▲ or ▼ to move the cursor to the group field, then press ◯.
    The group selection screen is displayed.
12. Press ▲ or ▼ to highlight the desired group, then press ◯ to select.
13. Press ▲ or ▼ to move the cursor to the address field, then press ◯.
    The address entry screen is displayed.
14. Enter an address, then press ◯.
15. Press ▲ or ▼ to highlight the desired address type, then press ◯ to select.
16. Press ▲ or ▼ to move the cursor to the note field, then press ◯.
17. Enter a note, then press ◯.
18. Press ⌂ [Save].

Adding a Thumbnail to an Entry

You can add a thumbnail to an entry in the handset memory.

1. Perform steps 1 to 3 in "Displaying the Contacts List" on page 38.
2. Press ▲ or ▼ to highlight the entry to which you wish to add a thumbnail, then press ◯ to select.
3. Press ⌂ [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Picture", then press ◯ or ⌂ [Select] to select.

5. Press ▲ or ▼ to highlight the desired picture, then press ● to select.

   If the picture size exceeds 240 dots [W] or 320 dots [H], press ▲, ▼, ◀ or ▶ to specify the area you wish to display, then press ●.

6. Press [Save] to save the entry.

To change the picture added, select "Change" after step 4.

To remove the picture added, select "Remove" after step 4.

Note

- *If you delete a picture added as a thumbnail in the handset memory, the corresponding thumbnail is also removed.*

Adding the Phone Number from Call Log Entries

1. Display the call log entry you wish to store (p. 142).
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Save to Contacts", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ● or [Select] to select.
5. Follow the procedure from step 3 in "Add New Contact" on page 39.

Storing an Input Phone Number

1. Enter the phone number, then press [Options]. The Options menu is displayed.
2. Press ▲ or ▼ to highlight "Save to Contacts", then press ● to select.
3. Perform steps 5 to 19 in "Add New Contact" on page 39.

Copying a Single Entry from Handset to SIM Card

You can copy a single entry from the handset memory to the SIM card.

1. Perform steps 1 to 3 in “Displaying the Contacts List” on page 38.
2. Press ▲ or ▼ to scroll list for selecting the name you wish to copy, then press ● to select.
3. Press ▲ or ▼ to highlight the phone number you wish to copy to the SIM card.
4. Press [Options] to display the Options menu.
5. Press ▲ or ▼ to highlight “Copy to SIM”, then press ● or [Select] to select.
6. Press [Yes].

   The phone number and name selected in steps 2 and 3 are copied to the SIM card.
   To cancel copying an entry, press [No] in step 6.

Copying All Entries from SIM Card to Handset

You can copy all entries from the SIM card to the handset memory at once.

When you insert the SIM card into your phone for the first time and start the Contacts List application, the confirmation screen appears automatically, asking you if you wish to copy or not.

1. Perform steps 1 to 3 in “Displaying the Contacts List” on page 38.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Advanced”, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight “Copy All from SIM”, then press ● to select.
5. Press [Yes].

   To cancel copying entries, press [No] in step 5.

Finding a Name and Number

1. Perform steps 1 to 3 in “Displaying the Contacts List” on page 38.
2. Press [Options] to display the Options menu.
3. Press or to highlight “Search”, then press or [Select] to select.
4. Enter a name or the first character(s) of the name.
   The matching entry is highlighted.
   If there is no entry in the Contacts List that satisfies the exact search criteria, the name that is nearest alphabetically is displayed.
5. Press or to scroll through list for selecting the desired name, then press .
   The details screen of the Contacts List entry is displayed.

Tip

- *You can also find the desired name and number by entering characters using the keypad in step 2 (the screen in step 4 is displayed).*
- *To view the details of the item such as address, highlight the desired item, press [Options], then select “View”. Press [Back] to go back to the details screen.*

Dialling Using Contacts List Entries

Dialling from the Contacts List Screen

1. Search for the desired Contact List entry.
   For details on searching through Contact List entries, perform steps 1 to 4 in “Finding a Name and Number”.
2. On the list screen, press or to highlight the desired name, then press to dial.
3. If two or more phone numbers are registered for the selected entry, press or to highlight the desired phone number, then press to dial.

Tip

- *You can also dial the desired phone number by pressing the digit key corresponding to the list number instead of step 3.*

Dialling from the Contacts Details Screen

1. Search for the desired Contact List entry.
   For details on searching through Contact List entries, perform steps 1 to 4 in “Finding a Name and Number”.
2. On the details screen, press or to highlight the desired phone number, then press to dial.

Tip

- *If you select "SIM Memory" for the "Contacts Location" option in Contacts List menu (p. 38), only one phone number entry is displayed.*
- *If no entries are found in the list, you can create an entry from the list. Press [Options]. Then follow the procedures as described on page 39.*

Editing Contacts List Entries

You can edit Contacts List entries by searching from the Contacts List or from each Contacts List entry.

1. Search for the desired Contacts List entry.
   For details on searching through Contacts List entries, perform steps 1 to 4 in "Finding a Name and Number" on page 43.
2. Press [Options] to display the Options menu.
3. Press or to highlight "Edit", then press or [Select] to select.
4. Press or to move the cursor to the field you wish to edit, then press to select.
5. When you have finished editing, press .
   If you wish to edit another field, repeat steps 4 and 5.
6. Press [Save] to save the change(s).

Deleting a Single Contacts List Entry

1. Search for a desired Contacts List entry.
   For details on searching through Contacts List entries, perform steps 1 to 4 in "Finding a Name and Number" on page 43.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Delete", then press ● or [Select] to select.
4. Press [Yes].
   The selected entry is deleted.
   To cancel deletion, press [No] in step 4.

Deleting All Contacts List Entries

1. Perform steps 1 to 3 in "Displaying the Contacts List" on page 38.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Advanced", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "Delete All Entries", then press ● to select.
5. Enter your handset code, then press ●.
6. Press ▲ or ▼ to highlight "Handset Entries" or "SIM Entries", then press ● to select.
7. Press [Yes].
   To cancel deletion, press [No] in step 7.

Viewing Groups

You can set group icons when storing Contacts entries so that you can easily find and edit them.

1. Perform steps 1 to 3 in "Displaying the Contacts List" on page 38.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Group", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "View Groups", then press ● to select.
5. Press ▲ or ▼ to highlight the group name you wish to view, then press ● to select.
   "☑" indicates that the group has been selected.
   To cancel the selected group, press ● again.
   The checkbox becomes blank again.

Tip

- *In step 5, press [Options] to display the Options menu, then select "Select Current Only" to view only the selected group or "Select All" to view all groups.*

Group Call

Different ringtones can be set for each group.

When you purchase this phone, groups are set to off. If you do not set a group ringtone, the ringtone assigned in the Profiles is used.

1. Perform steps 1 to 3 in "Displaying the Contacts List" on page 38.
2. Press [Options] to display the Options menu.
3. Press or to highlight "Group", then press or [Select] to select.
4. Press or to highlight "Group Call", then press to select.
5. Press or to highlight the group you wish to set, then press to select.
6. Press or to highlight "On", then press to select.
7. Press or to highlight "Assign Ringtone", then press to select.
8. Press or to highlight "Preset Sounds" or "My Sounds", then press to select.
9. Press or to highlight a ringtone.

   For details on selecting a ringtone, see "Assigning Ringtone" on page 137.
10. Press or to highlight "Vibration", then press to select.
11. Press or to highlight "Enable", "Disable" or "Link to Sound", then press to select.

    For details on setting the vibration, see "Vibration" on page 138.
12. Press or to highlight "Light Colour", then press to select.
13. Press or to highlight the desired colour, then press to select.
14. When setting is complete, press [OK].

Tip

- *To cancel the ringtone setting, select "Off" in step 6.*

Ringtone

A specified ringtone or vibration setting can be associated to a pre-registered entry.

1. Perform steps 1 to 3 in "Displaying the Contacts List" on page 38.
2. Press ▲ or ▼ to highlight the entry you wish to set, then press ● to select.
3. Press ▲ or ▼ to move the cursor to the ringtone field (♫), then press [Options].
4. Press ▲ or ▼ to highlight "Edit", then press ● or [Select] to select.
5. Perform steps 6 to 14 in "Group Call" on page 46.
6. When setting is complete, press [Save].

Tip

- *To cancel the ringtone setting, select "Off" after step 4.*

Making a Backup File on the Memory Card

With a memory card attached to your phone, you can make backup files of Contacts List entries in the handset memory and SIM card to the memory card.

1. Search for the desired Contacts List entry. For details on searching through Contacts List entries, perform steps 1 to 4 in "Finding a Name and Number" on page 43.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Advanced", then press ● to select.
4. Press ▲ or ▼ to highlight "Backup", then press ● to select.
5. Enter your handset code, then press ●.

   A confirmation message for overwriting is displayed if a backup file already exists in the memory card.
   Backup is performed.

Restoring a Backup File

1. Perform steps 1 to 3 in "Displaying the Contacts List" on page 38.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Advanced", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "Restore", then press ● or [Select] to select.
5. Enter your handset code, then press ●.
6. Press ▲ or ▼ to highlight "Handset Entries" or "SIM Entries", then press ● or [Select] to select.
   If the handset memory or SIM memory contains one or more entries, a confirmation message is displayed asking you whether you wish to replace all entries in the handset memory or SIM memory with the backup file.
7. Press [Yes].
   To cancel restoring, press [No] in step 7.

Note

- *It is not recommended to stop the backup or restoring procedure. It will damage the data.*

Deleting a Backup File

1. Perform steps 1 to 3 in "Displaying the Contacts List" on page 38.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Advanced", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "Delete", then press ● or [Select] to select.
5. Enter your handset code, then press ●.
   A confirmation message is displayed.
6. Press [Yes].
   To cancel deleting, press [No] in step 6.

Memory Status

This function helps you to check the number of entries stored in the Contacts List.

1. Perform steps 1 to 3 in "Displaying the Contacts List" on page 38.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Memory Status", then press ● to select.

   You can check the memory status of the SIM card and handset.

Speed Dial List

You can set a maximum of 9 phone numbers in the Speed Dial List.

Setting Contacts List entries in the Speed Dial List

1. Search for the desired Contacts List entry and display the details screen.

   For details on searching through Contacts List entries, perform steps 1 to 4 in "Finding a Name and Number" on page 43.
2. Press ▲ or ▼ to highlight the phone number you wish to set in the Speed Dial List.
3. Press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Add to Speed Dial", then press ● or [Select] to select.
5. Press ▲ or ▼ to highlight the number you wish to set, then press ● to select.

Tip

- *The nine digit keys correspond to list numbers.*

Viewing the Speed Dial List

For details on viewing the speed dial list, see "Speed Dial List" on page 147.

For details on how to use the speed dial list, see "Speed Dialling" on page 24.

Sending Messages

1. Search for the desired Contacts List entry and display the details screen.

   For details on searching through Contacts List entries, perform steps 1 to 4 in "Finding a Name and Number" on page 43.
2. Press ▲ or ▼ to highlight the desired phone number or e-mail address of the recipient.
3. Press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Create Message", then press ● or [Select] to select.
5. Press ▲ or ▼ to highlight "Multimedia" or "Text", then press ● to select.

   If you have moved the cursor to the "E-mail" field after step 1, "Multimedia" is selected automatically.
6. Enter your message.

   For details on creating a message, see "Creating a New MMS" on page 65 or "Creating a New SMS" on page 77.

Swapping Location Number of the Phone Number

This function is only for entries stored on the SIM card.

1. Perform steps 1 to 3 in “Displaying the Contacts List” on page 38.
2. Press ▲ or ▼ to scroll through list for selecting the desired name, then press ● to select.
3. Press ▲ or ▼ to highlight the desired phone number.
4. Press [Options] to display the Options menu.
5. Press ▲ or ▼ to highlight “Swap”, then press ● or [Select] to select.
6. Enter the location number you wish to swap, then press ● to select.

Camera (M 5)

Your phone has an integrated digital camera.

This allows you to take and send pictures or video clips wherever you are.

Selecting the Memory

When using the memory card, you can choose the memory before taking pictures or recording video clips. Also, you can choose it when saving them.

1. In digital camera mode, press [Options]. The Options menu is displayed.
2. Press or to highlight "Save New Pictures to", then press or [Select] to select.
3. Press or to highlight "Handset Memory", "Memory Card" or "Choice", then press to select.

Take Picture (M 5-1)

Put the phone into the digital camera mode to take a picture.

Pictures are saved in JPEG format in the following five picture sizes.

XXL:	858 × 1144 dots
XL:	768 × 1024 dots
L:	480 × 640 dots
M:	240 × 320 dots
S:	120 × 160 dots

You can send the pictures registered in the handset memory or memory card with your message.

Note

- *Large MMS messages may cause the size of attached pictures to be reduced.*

Taking Pictures

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Camera", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Take Picture", then press ◯ to select.
   The preview is displayed through the main display.
4. Press ◯ or the side-down key to take the picture.
   The shutter sounds and the still image of the taken picture is displayed.
5. Press [Save].
   "Saving (file name) to My Stuff…" is displayed, then the picture is registered.
   If you have selected "Choice" when saving, press ▲ or ▼ to highlight "Save to Handset" or "Save to Card" then press ◯.
   If you wish to send a picture by multimedia message after taking the picture, press ◯ before step 5.
6. Press to return to stand-by.

Tip

- *Pressing during stand-by also activates digital camera mode.*
- *To leave digital camera mode without registering the taken picture after step 4, press and then press [Yes].*
- *When the distance to the subject is approximately 5 cm, set the macro switch to the macro position ( ). When the distance to the subject is approximately 40 cm or more, set the macro switch to the normal position ( ).*

To Switch the Viewfinder

You can switch the viewfinder from the main display to the external display for taking a self-portrait.

Press when the preview is displayed through the main display.

Each time you press , the viewfinder switches between the external display and the main display. When you use the external display as the viewfinder, the taken pictures are saved automatically.

Taking Close-up Pictures

1. In digital camera mode, set the macro switch to the macro position ( ).
2. Press ● or the side-down key to take the picture.
   To cancel macro mode, set the macro switch to the normal position ( ).

Using the Zoom Function

Press ◀ or ▶ to change the zooming ratio.

Note

- *When "Picture Size" is set to "S", the zoom function has 20 steps.*
- *When "Picture Size" is set to "M", the zoom function has 10 steps.*
- *When "Picture Size" is set to "L", the zoom function has 5 steps.*
- *When "Picture Size" is set to "XXL" or "XL", you cannot use the zoom function.*

Selecting the Picture Size

1. In digital camera mode, press [Options].
   The Options menu is displayed.
2. Press ▲ or ▼ to highlight "Picture Size", then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight the picture size, then press ● to select.

Selecting the Picture Quality

1. In digital camera mode, press [Options].
   The Options menu is displayed.
2. Press ▲ or ▼ to highlight "Picture Quality", then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight "Normal" or "Fine", then press ● to select.

Retaking Pictures

After steps 1 to 4 in "Taking Pictures" on page 52, press [Cancel].

Further shooting is available.

Note

- *The digital camera uses a CCD sensor. Although this camera has been manufactured to the highest specifications, some pictures may still appear too bright or too dark.*
- *If the phone has been left in a warm place for a long time before taking or registering a picture, the picture quality may be poor.*

In the Case of No Available Memory

When the number of pictures that can be taken becomes 3 or less, the remaining shots indicator in the upper left of the screen turns red. (The number of pictures that can be taken is approximate.)

When the number of pictures that can be taken becomes 0, and when you try to take a picture again, “Memory full. You cannot take a picture!” is displayed.

Meanings of Indicators in Digital Camera Mode

Remaining shots indicators

123 : Indicates the remaining number of pictures that can be taken.

??? : Indicates a memory card is not inserted or cannot be recognized by the phone. (When “Memory Card” is selected for the “Save New Pictures to” option)

--- : Indicates setting of “Save New Pictures to” is “Choice”.

Memory indicators (p. 51)

: Indicates the handset memory where the pictures are saved.

: Indicates the memory card where the pictures are saved.

Flash light indicators (p. 58)

Indicates when the flash light is turned on.

: Normal mode

: Macro mode

Delay timer indicator (p. 56)

: Indicates when Timer is set.

Continuous shooting indicators (p. 57)

: When pictures are taken in continuous shooting mode, these indicators appear on the screen.

* When delay timer and continuous shooting functions are simultaneously set, " " is displayed instead.

Picture size indicators (p. 53)

XXL 858 × 1144	XXL (default):	858 × 1144 dots
XL 768 × 1024	XL:	768 × 1024 dots
L 480 × 640	L:	480 × 640 dots
M 240 × 320	M:	240 × 320 dots
S 120 × 160	S:	120 × 160 dots

Picture quality indicators (p. 53)

Indicates the quality (normal or fine) of the picture to be taken.

F Fine : Fine

N Norm : Normal

Picture brightness (exposure level) indicators (p. 56)

: Bright

: ↓

: Normal

: ↓

: Dark

Zooming ratio indicators (p. 53)

Zoom ... Zoom: Indicates the magnification.

Making Adjustments According to Lighting Conditions

To Adjust the Brightness of the Picture

Press ▲ or ▼ to adjust the brightness of the picture.

Once the phone has returned to the stand-by screen the brightness settings return to default.

Viewing the Taken Pictures

Taken pictures in the handset memory or in the memory card can be viewed.

1. In digital camera mode, press [Options].
   The Options menu is displayed.
2. Press ▲ or ▼ to highlight “My Pictures”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight the desired memory, then press ● to select.
   The list of pictures is displayed.
4. Press ▲ or ▼ to highlight the file name you wish to view, then press ● to select.
   The selected picture is displayed.
5. Once you have finished, press [Back] to return to the list.

Tip

- *Your pictures are given file names which are “pictureNNN.jpg” for the handset memory, or “pictureNNNNN.jpg” for the memory card (NNN or NNNNN is a consecutive digit number).*
  The file name (without an extension), date and size of your pictures are displayed in the list.

Using the Timer (Delay Timer)

To Take a Picture with the Delay Timer

1. In digital camera mode, press [Options].
   The Options menu is displayed.
2. Press ▲ or ▼ to highlight “Delay Timer”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight “On”, then press ● to select.
   “Timer” is displayed on the screen and the phone returns to digital camera mode.
4. Press ● or the side-down key to start the delay timer.
   10 seconds after the timer sounds, the shutter sounds, and the camera takes a picture.

Note

- *Whilst the delay timer is operating, the flash light and the indicator flash.*
- *If ● or the side-down key is pressed whilst the delay timer is operating, the picture is taken instantly.*
- *The zoom function with ◀ or ▶, or brightness adjustment of the picture with ▲ or ▼, is unavailable whilst the delay timer is operating.*
- *If you wish to stop taking pictures with the timer, press [Cancel] whilst the delay timer is operating.*

Cancelling the Delay Timer

1. Press [Options] whilst the delay timer setting is on.
   The Options menu is displayed.
2. Press ▲ or ▼ to highlight “Delay Timer”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight “Off”, then press ● to select.
   “Timer” goes off.

Continuous Shooting

Four pictures are taken in succession. Auto Shooting and Manual Shooting are available.

1. In digital camera mode, press [Options].
   The Options menu is displayed.
2. Press ▲ or ▼ to highlight “Continuous Shooting”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight “Auto Shooting” or “Manual Shooting”, then press ● to select.
   To cancel Continuous Shooting, select “Off”.
4. Press ● or the side-down key to start continuous shooting.

Auto Shooting:	Four pictures are taken in a row by pressing ● or the side-down key.
Manual Shooting:	Pictures are taken one by one by pressing ● or the side-down key.

   When the Continuous Shooting is completed, the taken pictures are saved automatically.
   To stop Continuous Shooting, press [Cancel].

Note

- *When "Picture Size" is set to "XXL", "XL" or "L", you cannot use the Continuous Shooting function.*
- *When you select a frame for taking pictures, you cannot use the Continuous Shooting function.*
- *Delay timer cannot be used with the Manual Shooting setting.*

Selecting a Frame

You can select the frame from preset patterns. You can also select a frame in the handset memory or in the memory card.

1. In digital camera mode, press [Options].
   The Options menu is displayed.
2. Press or to highlight "Add Frame", then press or [Select] to select.
3. Press or to highlight "Preset Frames" or "My Pictures", then press to select.
   If you have selected "My Pictures", press or to highlight "Handset Memory" or "Memory Card", then press to select.
4. Press or to highlight the frame you wish to use, then press to select.

Note

- *When "Picture Size" is set to "XXL", "XL" or "L", you cannot use the Frame function.*
- *When you activate the Continuous Shooting function, you cannot use the Frame function.*
- *Only the images of PNG format can be selected as the frame if you select "My Pictures" in step 3.*

Selecting Light Colour

1. In digital camera mode, press [Options].
   The Options menu is displayed.
2. Press or to highlight "Light Colour", then press or [Select] to select.
3. Press or to highlight the desired colour, then press to select.
   To turn off the flash light, select "Off".

Tip

- *Each time or the side-up key is pressed, the status of the flash light changes as follows.*
  Off → On (brightness for normal mode:) → On (brightness for macro mode:) → Off
- *If you do not operate your phone for approximately one minute, the flash light turns off automatically to save the power.*

Selecting the Shutter Speed

1. In digital camera mode, press [Options]. The Options menu is displayed.
2. Press or to highlight “Shutter Speed”, then press or [Select] to select.
3. Press or to highlight the desired shutter speed, then press to select.

Selecting the Shutter Sound

You can select the shutter sound from 3 preset patterns.

1. In digital camera mode, press [Options]. The Options menu is displayed.
2. Press or to highlight “Shutter Sound”, then press or [Select] to select.
3. Press or to highlight the desired sound, then press to select.

   To play back the shutter sound, press [Play] in step 3.

Sending Pictures

To send your picture to another phone or e-mail address, see “Sending Messages” on page 96 for instructions.

Deleting Pictures

See “Deleting Pictures” on page 97 for instructions.

Record Video (M 5-2)

Put the phone into the video camera mode to record a video.

You can send video clips registered in the handset memory or memory card with your message.

Video clips are saved in ".3gp" format.

Recording Video Clips

Sound can be recorded with the video clip.

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Camera", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Record Video", then press ◯ to select.

   The preview is displayed through the main display.
4. Press ◯ or the side-down key to start recording the video clip.

   The sound for recording the video clip occurs. If you press ◯ or the side-down key again, or when the recording is completed, the sound for ending the video clip recording occurs and the display transits to step 5.
5. Press ▲ or ▼ to highlight "Save", then press ◯ to select.

   "Saving (file name) to My Stuff…" is displayed, then the video clip is registered.
   If you preview a video clip before saving, select "Preview" in step 5.
   If you wish to send a video clip by multimedia message after recording the video clip, select "Save and Send" in step 5.

To Switch the Viewfinder

Press [*+o] when the preview is displayed through the main display.

Each time you press [*+o], the viewfinder switches between the external display and the main display.

Recording Close-up Video Clips

1. In video camera mode, set the macro switch to the macro position ( ).
2. Press ◯ or the side-down key to start recording the video clip.

   To cancel macro mode, set the macro switch to the normal position ( ).

Using the Zoom Function

Zooming ratio can be altered approximately up to 3 times in 10 steps. Press ◀ or ▶ to change the zooming ratio.

Selecting Video Quality

1. In video camera mode, press [Options]. The Options menu is displayed.
2. Press ▲ or ▼ to highlight “Video Quality”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight “Normal” or “Fine”, then press ● to select.

Selecting the Recording Time

You can switch the recording time.

1. In video camera mode, press [Options]. The Options menu is displayed.
2. Press ▲ or ▼ to highlight the “Record Time”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight “Extended Video” or “For Message Sending”, then press ● to select.

Note

- *“Save and Send” is not displayed after recording in extended video mode.*

In the Case of No Available Memory

When the number of video clips that can be recorded becomes 3 or less, the remaining sets indicator in the upper left of the screen turns red. (The number of sets that can be recorded is approximate.)

When the number of video clips that can be recorded becomes 0, and when you try to record a video clip again, “Memory full. You cannot record a video!” is displayed.

Meanings of Indicators in Video Camera Mode

Remaining sets indicator

123: Indicates the remaining sets of video clips that can be recorded.

Flash light indicators (p. 64)

Indicates when the flash light is turned on.

Light : Normal mode

Light : Macro mode

Delay timer indicator (p. 63)

Timer : Indicates when Timer is set.

Record time indicators

MMS Mode : Indicates when the phone is in message sending mode.

Long Mode : Indicates when the phone is in extended video mode.

Video quality indicators (p. 61)

Indicates the quality (normal or fine) of the video clip to be recorded.

F Fine : Fine

N Norm : Normal

Video brightness (exposure level) indicators

+2 : Bright

+1 :

0 : Normal

-1 :

-2 : Dark

Zooming ratio indicators (p. 61)

Zoom .... Zoom : Indicates the magnification.

Making Adjustments According to Lighting Conditions

To Adjust the Brightness of the Video Clips

Press ▲ or ▼ to adjust the brightness of the video clip.

Once the phone has returned to the stand-by screen, the brightness settings return to default.

Viewing Recorded Video Clips

Recorded video clips in the handset memory or memory card can be viewed.

1. In video camera mode, press [Options].
2. Press ▲ or ▼ to highlight "My Videos", then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ● to select.

   The list of video clips is displayed.
4. Press ▲ or ▼ to highlight the file name you wish to view, then press ● to select.
5. Press ●.

   The selected video clip is played back.
   To pause playback, press ●.
   To resume playback, press ● again.
   To stop playback, press [Back].
   To display the video clip in actual size, press [×1].

6. Once you have finished, press [Back] to return to the list.

Tip

- *Your video clips are given file names such as "videoNNN.3gp" for the handset, or "videoNNNNN.3gp" for the memory card (NNN or NNNNN are integer. Each consecutive picture name is incremented by one).*
  The file name (without an extension), date and size of your video clips are displayed in the list.
- *If the video clip has been recorded with sound, the volume can be adjusted by pressing or .*
- *The volume depends on the settings of Ringer Volume (p. 137). The volume becomes 0 when "Ringer Volume" is set to "Silent".*

Using the Timer (Delay Timer)

To Record a Video Clip with the Timer

1. In video camera mode, press [Options].
   The Options menu is displayed.
2. Press or to highlight "Delay Timer", then press or [Select] to select.
3. Press or to highlight "On", then press to select.
   "Timer" is displayed on the screen and the phone returns to video camera mode.
4. Press or the side-down key to start the delay timer.
   10 seconds after the timer sounds, the camera starts recording the video clip.

Note

- *Whilst the delay timer is operating, the flash light and the indicator flash.*
- *If or the side-down key is pressed whilst the delay timer is operating, the video clip is recorded instantly.*
- *The zoom function with or , or brightness adjustment of the video with or , is unavailable whilst the delay timer is operating.*

- *If you wish to stop recording video clips with the timer, press [Cancel] whilst the delay timer is operating.*

Cancelling the Delay Timer

1. Press [Options] whilst the delay timer setting is on.
   The Options menu is displayed.
2. Press or to highlight "Delay Timer", then press or [Select] to select.
3. Press or to highlight "Off", then press to select.
   "Timer" goes off.

Recording Video Clips with Sound

1. In video camera mode, press [Options].
   The Options menu is displayed.
2. Press or to highlight "Voice Record", then press or [Select] to select.
3. Press or to highlight "On", then press to select.
   To cancel recording video clips with sound, select "Off" in step 3.

Selecting Light Colour

1. In video camera mode, press [Options].
   The Options menu is displayed.
2. Press or to highlight "Light Colour", then press or [Select] to select.
3. Press or to highlight the desired colour, then press to select.
   To turn off the flash light, select "Off".

Tip

- *Each time or the side-up key is pressed, the status of the flash light changes as follows.*
  Off → On (brightness for normal mode: Light) → On (brightness for macro mode: Light) → Off
- *If you do not operate your phone for about one minute, the flash light turns off automatically to save power.*

Sending Video Clips

To send your video clips to another phone or e-mail address, see "Sending Messages" on page 106 for instructions.

Deleting Video Clips

See "Deleting Video Clip Files" on page 107 for instructions.

Messages (M 4)

Your phone allows you to send and receive text messages or multimedia messages and to receive WAP alerts.

Multimedia (MMS) (M 4-2)

About Multimedia Messaging

Multimedia Messaging Service (MMS) allows you to send and receive multimedia messages with graphical images, photographs, sound, animations or video clips attached.

Note

- ***Some MMS functions may not always be available depending on your network. Contact your network operator for more information.***
- *MP3 sound files cannot be sent attached to a message.*

Creating a New MMS (M 4-2-1)

1. Press ⌐ during stand-by.
2. Press ▲ or ▼ to highlight "Multimedia", then press ● to select.
3. Press ▲ or ▼ to highlight "Create Message", then press ● to select.
4. Enter your message, then press ●.
5. Enter the phone number or e-mail address of the recipient, then press ●.

   If you wish to select a phone number or e-mail address in the Contacts List, search for the desired Contacts List entry.
   Press ▲ or ▼ to display the Contacts List. Then press ▲ or ▼ to highlight the desired entry, then press ● to select. For details on searching the Contacts List entries, perform steps 1 to 4 in "Finding a Name and Number" on page 43.
6. Press ▲ or ▼ to highlight "Send", then press ● to select.

   The message is put in the Outbox and sent.
   After the message is sent, the message is moved to the Sent box.

Note

- *The current message size displayed whilst you are creating the message is an approximation.*
- *If a message cannot be sent for some reason, the message stays in the Outbox and "✉" is displayed on the stand-by screen.*

To Enter the Subject of the Message

1. Perform steps 1 to 5 in "Creating a New MMS" on page 65.
2. Press ▲ or ▼ to highlight "Subject", then press ● to select.
3. Enter the subject of your message, then press ●.

Note

- *This phone allows you to enter up to 40 characters as the subject, and enter up to 20 addresses (for To and Cc).*
  However, these may be limited depending on your network. In this case, you may not be able to send MMS.
  Contact your network operator for more information.

To Send a Message Template MMS

Your phone provides message templates with an image and voice attachment that help you create easily.

1. Perform steps 1 to 3 in "Creating a New MMS" on page 65.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Message Template", then press ● or [Select] to select.
   A confirmation screen asking whether you wish to discard the current text is displayed.
4. Press [Yes] to discard.
   To cancel, press [No] in step 4.
5. Press ▲ or ▼ to highlight a template you wish to send, then press ● to select.
6. Perform steps 4 to 6 in "Creating a New MMS" on page 65.

Note

- *Selecting "Message Template" deletes messages or images you have entered or attached. To prevent deletion, select "Message Template" first, then enter messages.*

To Add Recipients

1. Perform steps 1 to 5 in "Creating a New MMS" on page 65.
2. Press ▲ or ▼ to highlight "Add Contact", then press ● to select.
3. Press ▲ or ▼ to highlight "To" to add recipients or "Cc" to send a copy of this MMS to other recipients, then press ● to select.
4. Press ▲ or ▼ to highlight a desired number from the list, then press ● to select.
5. Enter the phone number or e-mail address of the other recipients, then press ●.
6. Press [Back] twice.

To Use the Text Template

For details on creating text templates, see page 108.

1. Perform steps 1 to 3 in "Creating a New MMS" on page 65.
2. Press ▲, ▼, ◀ or ▶ to move the cursor to the point you wish to insert the template.
3. Press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Text Template", then press ● or [Select] to select.
5. Press ▲ or ▼ to highlight the desired template from the list, then press ● to select.

To Save a Message in the Drafts Box

You can save a message in the Drafts box temporarily and send it later.

1. Perform steps 1 to 5 in "Creating a New MMS" on page 65.
2. Press ▲ or ▼ to highlight "Save to Drafts", then press ● to save the message in the Drafts box.

Note

- *You can send it later following the instructions in "Sending a Message in the Drafts Box" on page 70.*

Turning the Slide Show Setting On or Off

1. Press [Menu] during stand-by.
2. Press ▲ or ▼ to highlight "Multimedia", then press [Select] to select.
3. Press ▲ or ▼ to highlight "Settings", then press [Select] to select.
4. Press ▲ or ▼ to highlight "Slide Show", then press [Select] to select.
5. Press ▲ or ▼ to highlight "On" or "Off", then press [Select] to select.

If You Select "On"

- *You can create messages which have up to 10 slides. Each slide can contain one picture, one sound file and up to 1000 characters of text (up to the message total 100 Kbytes limit).*
- *If you wish to add a slide to a single slide:*
  1. *Press [Menu] [Options] to display the Options menu.*
  2. *Press ▲ or ▼ to highlight "Add Slide", then press [Select] or [Menu] [Select] to select.*

  If you wish to perform slide operations for multiple slides:
  1. *Press [Menu] [Options] to display the Options menu.*
  2. *Press ▲ or ▼ to highlight "Slide Control", then press [Select] or [Menu] [Select] to select.*

  The slide control options available are:

  Add: *To add a new slide.*
  Remove: *To remove the active slide.*
  Previous: *To navigate to the previous slide.*
  Next: *To navigate to the next slide.*
- *EVA (e-Animation file) and video clip data cannot be attached as slide data to the message.*

If You Select "Off"

- *You can attach a maximum of 20 pictures, sounds or video clips and up to 2000 characters of text (up to the message total 100 Kbytes limit).*

Inserting Attached Data

You can send pictures, sounds and video clips saved in the handset memory attached to multimedia messages. When attaching video clips, "Slide Show" must be set to "Off".

1. Press [Menu] during stand-by.
2. Press ▲ or ▼ to highlight "Multimedia", then press [Select] to select.
3. Press ▲ or ▼ to highlight "Create Message", then press [Select] to select.

4. Press [Options] to display the Options menu.
5. Press or to highlight “Picture”, “Sound” or “Video”, then press or [Select] to select.
6. Press or to highlight “Handset Memory” or “Memory Card”, then press to select.
7. Press or to highlight the file name you wish to attach, then press to select.

   The selected picture/sound/video clip is attached. When attaching is complete, press [Back] to return to the message creation screen.

To Add Attached Data

You can perform the following with the slide show setting off.

1. Perform steps 1 to 6 in “Inserting Attached Data” on page 68.

   The list of attached data is displayed.
2. Press [Options] to display the Options menu.
3. Press or to highlight “Add Picture”, “Add Sound” or “Add Video”, then press or [Select] to select.
4. Press or to highlight the file name you wish to attach, then press .
5. Press [Back].

To Remove Attached Data

1. Perform steps 1 to 6 in “Inserting Attached Data” on page 68.

   The list of attached data is displayed.
2. Press or to highlight the file name you wish to remove, then press [Options].
3. Press or to highlight “Remove”, then press or [Select] to select.
4. Press [Yes].

   To cancel removal, press [No] in step 4.

Sending a Message in the Drafts Box

1. Press ⌐ during stand-by.
2. Press ▲ or ▼ to highlight “Multimedia”, then press ● to select.
3. Press ▲ or ▼ to highlight “Drafts”, then press ● to select.
4. Press ▲ or ▼ to highlight the message you wish to send in the Drafts box, then press ⌐ [Options].
   The Options menu is displayed.
5. Press ▲ or ▼ to highlight “Edit Message”, then press ● or ⌐ [Select] to select.
6. Modify the message, then press ●.
7. Modify the phone number or e-mail address of the recipients, then press ●.
8. Press ▲ or ▼ to highlight “Send”, then press ● to select.

Note

- *You cannot modify a Slide Show message that is created on another phone as shown in step 6. Go to step 7.*

Reading MMS

Messages you receive are stored in the Inbox.

Incoming Messages

The MMS indicator (✉) will appear when you are receiving an incoming message.

1. Press ⌐ during stand-by.
2. Press ▲ or ▼ to highlight “Multimedia”, then press ● to select.
3. Press ▲ or ▼ to highlight “Inbox”, then press ● to select.
   Messages that are marked with a clip denote mails with attachments.
4. Press ▲ or ▼ to highlight the message you wish to view, then press ● to select.
   The message is displayed.
5. Press ▲ or ▼ to scroll the screen to read the message.
6. When you finish viewing, press ●.

To Check the Sender and Receiver Phone Number or E-mail Address

1. Perform steps 1 to 3 in “Incoming Messages” on page 70.
2. Press ▲ or ▼ to highlight the desired message, then press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Details”, then press ● or [Select] to select.

   The sender’s phone number or e-mail address, time and date stamp, subject and size are displayed.

Replying to a Message from the Sender from the Inbox

1. Press during stand-by.
2. Press ▲ or ▼ to highlight “Multimedia”, then press ● to select.
3. Press ▲ or ▼ to highlight “Inbox”, then press ● to select.
4. Press ▲ or ▼ to highlight the message to which you wish to reply.
5. Press [Options] to display the Options menu.
6. Press ▲ or ▼ to highlight “Reply”, then press ● or [Select] to select.
7. Enter your message.

   For details on entering characters, see “Entering Characters” on page 32.
8. Press ●.

   The phone number or e-mail address of the recipient is automatically filled in the sender’s phone number or e-mail address.
9. Press ▲ or ▼ to highlight “Send”, then press ● to select.

Tip

- *You can reply to a message to all addresses of selected messages by selecting "Reply All" in step 6.*

Forwarding a Message

1. Perform steps 1 to 3 in "Replying to a Message from the Sender from the Inbox" on page 71.
2. Press ▲ or ▼ to highlight the message you wish to forward.
3. Press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Forward", then press ● to select.
5. Enter the phone number or e-mail address of the recipient, then press ●.

   If you wish to select the phone number or e-mail address in the Contacts List, search for the desired Contacts List entry.
   Press [Options] and press ▲ or ▼ to highlight "Contacts list", then press ● to select.
   Then press ▲ or ▼ to highlight the desired entry, then press ● to select. For details on searching the Contacts List entries, perform steps 1 to 4 in "Finding a Name and Number" on page 43.
6. Press ▲ or ▼ to highlight "Send", then press ● to select.

Note

- *When a message with attached data is forwarded the data is also sent. However, if there is any data which the phone recognises as having copyright, then it will not be sent.*
- *The "Subject" field is automatically filled in with the original subject preceded by "Fw:".*
  The original message cannot be changed.

Modifying a Message

1. Perform steps 1 to 5 in "Replying to a Message from the Sender from the Inbox" on page 71.
2. Press ▲ or ▼ to highlight "Edit Message", then press ● to select.
3. Modify the message, then press ●.
4. Enter the phone number or e-mail address of the recipient, then press ●.
5. Press ▲ or ▼ to highlight "Send", then press ● to select.

Note

- *Messages cannot be edited if they contain particular data such as Slide Show, XHTML, copyrights or an unknown format.*

Storing the Phone Number or E-mail Address of a Sender in the Contacts List

1. Perform steps 1 to 5 in "Replying to a Message from the Sender from the Inbox" on page 71.
2. Press ▲ or ▼ to highlight "Save to Contacts", then press ● to select.

   For details on entering a name, see "Add New Contact" on page 39.

Retrieving MMS

When "✉" is in the Inbox, the following can be done.

1. Perform steps 1 and 2 in "Creating a New MMS" on page 65.
2. Press ▲ or ▼ to highlight "Inbox", then press ● to select.
3. Press ▲ or ▼ to highlight the alert you wish to download.
4. Press ⌐ [Options] to display the Options menu.
5. Press ▲ or ▼ to highlight "Download", then press ● or ⌐ [Select] to select.

Tip

- *You can press ● instead of steps 4 and 5 to start downloading.*

Re-sending a Message in the Outbox

If a message cannot be sent for some reason, the message stays in the Outbox. Messages in the Outbox can be resent.

1. Perform steps 1 and 2 in "Creating a New MMS" on page 65.
2. Press ▲ or ▼ to highlight "Outbox", then press ● to select.
3. Press ▲ or ▼ to highlight the message you wish to re-send in the Outbox, then press ⌐ [Options].
4. Press ▲ or ▼ to highlight "Re-send", then press ● or ⌐ [Select] to select.

Confirming Arrival of Delivery Report

1. Perform steps 1 and 2 in “Creating a New MMS” on page 65.
2. Press ▲ or ▼ to highlight “Sent”, then press ● to select.
3. Press ▲ or ▼ to highlight the message of which you wish to confirm arrival of delivery report, then press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight “Delivery Report”, then press ● or [Select] to select.

   This menu is available only for sent messages that have the “Delivery Report” set to “On”. For details on selecting “Delivery Report”, see “Setting Up MMS” on page 75.

Deleting Messages

1. Perform steps 1 and 2 in “Creating a New MMS” on page 65.
2. Press ▲ or ▼ to highlight “Inbox”, “Sent”, “Drafts” or “Outbox”, then press ● to select.
3. Press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight “Delete”, then press ● or [Select] to select.

   The confirmation screen is displayed.
5. Press ▲ or ▼ to highlight “One Message” or “All Messages”, then press ● to select.
6. Press [Yes].

   To cancel deletion, press [No] in step 6.

Note

- *You cannot delete locked messages.*

To Lock Message

1. Perform steps 1 and 2 in “Creating a New MMS” on page 65.
2. Press ▲ or ▼ to highlight “Inbox” or “Sent”, then press ● to select.
3. Press ▲ or ▼ to highlight the message you wish to lock, then press [Options].

   The Options menu is displayed.
4. Press ▲ or ▼ to highlight “Lock/Unlock”, then press ● or [Select] to select.

Making a Call to the Sender of a Message

You can make a call to the sender of a message in the Inbox whose address (From) is the phone number.

1. Perform steps 1 to 3 in “Replying to a Message from the Sender from the Inbox” on page 71.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Call Sender”, then press ● or [Select] to select.

Tip

- *You can press to make a call instead of steps 2 and 3.*

Setting Up MMS

1. Press during stand-by.
2. Press ▲ or ▼ to highlight “Multimedia”, then press ● to select.
3. Press ▲ or ▼ to highlight “Settings”, then press ● to select.
4. Press ▲ or ▼ to highlight the desired item, then press ● to select.

The items available are:

- Roam. Download:

  Defers MMS download method when roaming outside of your network.
- Delivery Rep. Allow:

  Enables Delivery Report when receiving a message which applies to the Delivery Report function.
- Anonymous Reject:

  Rejects a messages from an unknown or empty address name.
- Auto Delete:

  Deletes the oldest message automatically, when the Inbox, Sent or Both (Inbox and Sent) is full.

- Slide Show:
  Enables Slide Show when sending a message.
- Message Size:
  Sets the maximum message size to be allowed in sending.
- Advanced
  - Priority:
    Prioritises composed messages.
  - Delivery Report:
    Enables Delivery Report.
  - Expiry Time:
    Sets Expiry Time for a message to be stored in the Server.
  - Sender Visibility:
    Displays the information about the sender.
  - Slide Interval:
    Sets the slide display time when sending a message.

5. Change each item.
6. When you finish setting, press [Back].

Text (SMS) (M 4-3)

About Text Messaging

The Short Message Service (SMS) allows you to send text messages of up to 1024 characters to other GSM users.

To Use SMS with Your Phone

Messages longer than 160 characters may be composed. During sending, the messages are split. If the receiver has a suitable phone the messages recombines during reception, if not your message appears as a number of separate 152 characters messages.

You can send or receive SMS even if you are talking on the phone.

You can also use Text Templates to help you compose SMS.

Creating a New SMS (M 4-3-1)

1. Press [Menu] during stand-by.
2. Press ▲ or ▼ to highlight “Text”, then press ● to select.
3. Press ▲ or ▼ to highlight “Create Message”, then press ● to select.
4. Enter your message.

   For details on entering characters, see “Entering Characters” on page 32.
5. Press ●.

To Use the Text Template

For details on creating text templates, see “Text Templates” on page 108.

1. Perform steps 1 to 3 in “Creating a New SMS”.
2. On the text entry screen, press ▲, ▼, ◀ or ▶ to move the cursor to the point you wish to insert the template.
3. Press [Menu] [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight “Text Template”, then press ● or [Menu] [Select] to select.
5. Press ▲ or ▼ to highlight the desired template from the list, then press ● to select.

To Save the Message in the Drafts box

1. Perform steps 1 to 5 in “Creating a New SMS”.
2. Enter the phone number of the recipient, then press ●.
3. Press ▲ or ▼ to highlight “Save to Drafts”, then press ● to select.

Sending a Message

1. Press [Menu] during stand-by.
2. Press ▲ or ▼ to highlight “Text”, then press ● to select.
3. Press ▲ or ▼ to highlight “Create Message”, then press ● to select.
4. Enter your message.

   For details on entering characters, see “Entering Characters” on page 32.
5. Press ●.

6. Enter the phone number of the recipient, then press ◯.

   If you wish to select the phone number in the Contacts List, search for the desired Contacts List entry.
   Press [Options] and press ▲ or ▼ to highlight "Contacts list", then press ◯ to select.
   Then press ▲ or ▼ to highlight the desired entry, then press ◯ to select. For details on searching the Contacts List entries, see "Finding a Name and Number" on page 43.

7. Press ▲ or ▼ to highlight "Send", then press ◯ to select.

   The phone begins the sending process and the SMS is sent. After the message has been sent, the message is added to the Sent box.

Note

- *When you send a message of more than 160 characters, the confirmation message is displayed. Press [Yes] to send or [No] to cancel.*

To Add Recipients

1. Perform steps 1 to 6 in "Sending a Message" on page 77.
2. Press ▲ or ▼ to highlight "Add Contact", then press ◯ to select.
3. Press ▲ or ▼ to highlight an item number for adding recipient's phone number, then press ◯ to select.
4. Enter the phone number to add, then press ◯.
5. When adding recipients is complete, press [Back].

   Follow the procedure from step 7 in "Sending a Message" on page 77.

Reading SMS

Incoming Messages

The SMS indicator ( ) will appear when an incoming message arrives.

1. When you receive a SMS, press ● during stand-by.
2. Press ▲ or ▼ to highlight the message you wish to view.

   The sender's phone number and a part of the message are displayed. When the sender's phone number is stored in the Contacts List, the sender's name is displayed instead of the phone number. Messages are marked with "✉" denote unread messages. If the Inbox, Sent box or Drafts box is full, "📁" is displayed. Delete unnecessary messages.
3. Press ●.
4. Press ▲ or ▼ to scroll the screen to read the message.
5. When you have finished viewing, press ⏻.

Replying to the Sender

1. Perform steps 1 to 3 in "Reading SMS".
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Reply", then press ● or [Select] to select.
4. Enter your message.

   For details on entering characters, see "Entering Characters" on page 32.
5. Press ●.

   Follow the procedure from step 6 in "Sending a Message" on page 77.

Calling the Message Sender

1. Perform steps 1 to 3 in “Reading SMS” on page 79.
2. Press [Options] to display the Options menu.
3. Press or to highlight “Call Sender”, then press or [Select] to select.

Forwarding a Message

1. Perform steps 1 to 3 in “Reading SMS” on page 79.
2. Press [Options] to display the Options menu.
3. Press or to highlight “Forward”, then press or [Select] to select.
4. Enter the phone number of the recipient, then press .

   For details on searching the Contacts List entries, perform steps 1 to 4 in “Finding a Name and Number” on page 43.
5. Press or to highlight “Send”, then press to select.
6. Follow the procedure from step 7 in “Sending a Message” on page 77.

   The phone begins the sending process and the SMS is sent.

Modifying a Message

1. Perform steps 1 and 2 in “Creating a New SMS” on page 77.
2. Press or to highlight “Inbox”, “Sent” or “Drafts”, then press to select.
3. Press or to highlight the message you wish to modify, then press to select.
4. Press [Options] to display the Options menu.
5. Press or to highlight “Edit”, then press or [Select] to select.
6. Modify the message, then press .

   Follow the procedure from step 6 in “Sending a Message” on page 77.

Deleting Messages

1. Perform steps 1 and 2 in “Creating a New SMS” on page 77.
2. Press ▲ or ▼ to highlight “Inbox”, “Sent” or “Drafts”, then press ● to select.
3. Press ▲ or ▼ to highlight the message you wish to delete, then press ● to select.
4. Press [Options] to display the Options menu.
5. Press ▲ or ▼ to highlight “Delete”, then press ● or [Select] to select.
6. Press ▲ or ▼ to highlight “One Message” or “All Messages”, then press ● to select.
7. Press [Yes].

   The selected message or all messages are deleted. To cancel deletion, press [No] in step 7.

Extracting Phone Numbers from the Received Messages and Making a Call

You can make a call using the phone number embedded in the received SMS message.

1. Perform steps 1 and 2 in “Reading SMS” on page 79.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Extract Numbers”, then press ● or [Select] to select.

   Telephone numbers embedded in the message are displayed.
4. Press ▲ or ▼ to highlight the number, then press [Options] to display the Options menu.
5. Press ▲ or ▼ to highlight “Make Call”, then press ● to select.

   To save this phone number in the Contacts List, press ▲ or ▼ to highlight “Save to Contacts”, then press ● to select.

   For details on entering a name, see “Add New Contact” on page 39.

Tip

- *Selecting "Save to Contacts" in step 3 instead allows you to go to the phone number entry screen with the sender's number entered.*
  For details on entering a name, see "Add New Contact" on page 39.

Setting Up SMS (M 4-3-5)

To Set Up the Service Centre Address

1. Press ⌐ during stand-by.
2. Press ▲ or ▼ to highlight "Text", then press ● to select.
3. Press ▲ or ▼ to highlight "Settings", then press ● to select.
4. Press ▲ or ▼ to highlight "Message Centre", then press ● to select.
5. Enter the centre number.

   If you wish to enter a country code for a message to an international number, press and hold *+ until a "+" sign is displayed.
6. Press ●.

Message Lifetime

This indicates the number of days and hours for which a message you send may remain undelivered to the message recipient.

During this period, the message service centre will continually try to deliver the message to the recipient.

1. Perform steps 1 to 3 in "Setting Up SMS".
2. Press ▲ or ▼ to highlight "Message Lifetime", then press ● to select.
3. Press ▲ or ▼ to highlight the validity period, then press ● to select.

Message Format

1. Perform steps 1 to 3 in "Setting Up SMS".
2. Press ▲ or ▼ to highlight "Message Format", then press ● to select.
3. Press ▲ or ▼ to highlight the message format, then press ● to select.

Connection Type

1. Perform steps 1 to 3 in “Setting Up SMS” on page 82.
2. Press ▲ or ▼ to highlight “Connection Type”, then press ● to select.
3. Press ▲ or ▼ to highlight the connection type, then press ● to select.

Optimisation

When set “On” (default), double-byte characters such as European characters with an accent are converted into single-byte characters and sent.

When “Off”, double-byte characters are sent as displayed.

Please note that you may be charged double for double-byte characters sent in an SMS when Optimisation is set “Off”.

1. Perform steps 1 to 3 in “Setting Up SMS” on page 82.
2. Press ▲ or ▼ to highlight “Optimisation”, then press ● to select.
3. Press ▲ or ▼ to highlight “On” or “Off”, then press ● to select.

Cell Broadcasts (M 4-7)

You can receive Cell Broadcast messages or general messages such as weather forecasts and traffic reports. This information is broadcast to subscribers in certain network areas.

This function may not be available on all mobile phone networks. Contact your network operator for more information.

Enabling/Disabling Cell Broadcasts (M 4-7-1)

1. Press ⌂ during stand-by.
2. Press ▲ or ▼ to highlight “Cell Broadcasts”, then press ● to select.
3. Press ▲ or ▼ to highlight “On/Off”, then press ● to select.
4. Press ▲ or ▼ to highlight “On” to set Cell Broadcasts on or “Off” to set it off, then press ● to select.

Reading Cell Broadcast Messages (M 4-7-2)

1. When you receive a Cell Broadcast message, press ◯.
2. Press ▲ or ▼ to scroll the screen to read the message.
3. When you finish viewing, press C.

Subscribing to Cell Broadcasts (M 4-7-3)

Select the page of the cell broadcast message that you want.

1. Press ⌐ during stand-by.
2. Press ▲ or ▼ to highlight "Cell Broadcasts", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Settings", then press ◯ to select.
4. Press ▲ or ▼ to highlight "Set Info Subjects", then press ◯ to select.
5. Press ▲ or ▼ to highlight "Add/Remove", then press ◯ to add the channel.
6. Press ▲ or ▼ to highlight the desired page, then press ◯ to select.
7. Press ⌐ [Back].

Tip

- *If the desired page is not in the list that appears in step 6, select "Create Subject" in step 5, then enter the subject code to add a page. For details on the subject code, contact your service provider.*

Setting Languages

Allows you to select your preferred language for the cell broadcast message display.

1. Perform steps 1 to 3 in "Subscribing to Cell Broadcasts".
2. Press ▲ or ▼ to highlight "Language", then press ◯ to select.
3. Press ◯.
   The language list is displayed.
4. Press ▲ or ▼ to highlight the language you wish to set, then press ◯ to select.
5. Press ⌐ [Back] to exit.

Area Info (M 4-8)

The Area Info is the message information that operators sent to subscribers in certain areas.

When you receive Area Info, the message (area code) is displayed on the stand-by screen.

Note

- *This function may not be available on all mobile phone networks. Contact your network operator for more information.*

Enabling/Disabling Area Info

1. Press ⌂ during stand-by.
2. Press ▲ or ▼ to highlight “Area Info”, then press ● to select.
3. Press ▲ or ▼ to highlight “On” or “Off”, then press ● to select.

Note

- *If Area Info is set to “On”, the stand-by time will decrease.*

Vodafone live! (M 2)

Your phone is already configured to access Vodafone live! and the mobile internet*.

Vodafone live! is a new mobile internet portal which is your gateway to a new world of information, games, music and services.

Because your phone uses GPRS, a system that is much faster than previous ways of getting mobile information. Also, the connection is ‘always on’ which means there is no need to wait for dialling up. You only have to pay for the data you send or receive, not how long you’re connected.

* If you have problems getting connected, please phone Vodafone Customer Support.

Your phone contains a WAP browser used for surfing on the Mobile Internet, where you can get a lot of useful information. Normally, pages are designed for a mobile phone.

Your phone is already setup to Vodafone site for WAP/ MMS Settings.

Viewing the WAP Browser

1. Press ⌂ during stand-by.

To Exit the WAP Browser

1. Press ⏻ to exit the browser.

Navigating a WAP Page

- ▲ ▼ ◀ ▶:
  Move the highlights around in the screen.
- ●: Used to execute the option displayed in the lower centre of the screen.
- ⌂: Launch browser option menu.
- ⌂: Used to select an action displayed in the lower right corner of the screen.
  Used to access “Vodafone live!” by opening the browser.
- 0 (press and hold):
  Used to start the Go to URL.
- 1 to 9 (press and hold):
  Used to start the Bookmark (WAP).
- ⏻: Exit (short press)
  Turn off the phone. (press and hold)

Browser Menu

When you have started browsing, you can reach browsing options by pressing ⌂ [Options].

The Browser menu contains the following:

- Select:
  Select the link you wish to see. (“Select” is displayed only when the link is highlighted.)
- Home:
  Go to the homepage you set in the WAP Settings.
- Add bookmark:
  Add the site you are currently browsing to your list of bookmarks.
- View bookmarks:
  See your list of bookmarks.
- Save items:
  Save images, sounds or video clips in the handset memory.
- Go to URL:
  Input the URL of the site you wish to go to.
- History:
  See your history list.

- Forward:
  Move to the next URL in the history list.
- Reload page:
  Refresh the contents of the WAP page.
- Advanced...:
  - Show URL:
    Display the URL of the site you are currently browsing.
  - Save page:
    Save the page you are currently browsing to your list of Snap Shots.
  - Snapshots:
    See your list of Snap Shots.
  - Alert inbox:
    See your list of WAP push messages. You can receive push messages via WAP Services. This means that a service provider sends WAP content to your phone, without any set up.
  - Settings:
    Includes “Downloads”, etc.
  - Security:
    Set the security.
  - Clear...:
    Clear History, cache, etc.
  - Restart Browser:
    Restart the browser.

Bookmarks

To Add a Bookmark

1. Press [Options] when you are browsing to display the Options menu.
2. Press or to highlight “Add bookmark”, then press or [Select] to select.
3. Press to save.

To Access Bookmarked Pages

1. Press [Options] when you are browsing to display the Options menu.
2. Press or to highlight “View bookmarks”, then press or [Select] to select.
3. Press or to highlight a bookmark page you wish to access, then press to select.

To Edit Bookmarks

1. Press [Options] when you are browsing to display the Options menu.
2. Press ▲ or ▼ to highlight “View bookmarks”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight “More…”, then press ● to select.
4. Press ▲ or ▼ to highlight a bookmark page you wish to edit, then press [Options] to display the Options menu.
5. Press ▲ or ▼ to highlight “Details”, then press ● or [Select] to select.
6. Edit the title, then press ▼.
7. Edit the URL, then press ▼.
8. Press ▲ or ▼ to highlight “Save”, then press ● to save.

To Delete Bookmarks

1. Press [Options] when you are browsing to display the Options menu.
2. Press ▲ or ▼ to highlight “View bookmarks”, then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight “More…”, then press ● to select.
4. Press ▲ or ▼ to highlight a bookmark page you wish to delete, then press [Options] to display the Options menu.
5. Press ▲ or ▼ to highlight “Delete”, then press ● or [Select] to select.
6. Press [Options] to display the Options menu, then press ▲ or ▼ to highlight “OK”, then press ● or [Select] to delete.

Setting the Hotkeys to Web Page Bookmarks

You can access Web pages quickly by pressing the shortcut keys (hotkeys). Follow the following to assign shortcuts.

1. Press [Options] when you are browsing to display the Options menu.
2. Press or to highlight "View bookmarks", then press or [Select] to select.
3. Press or to highlight "More…", then press to select.
4. Press or to highlight a bookmark page you wish to edit, then press [Options] to display the Options menu.
5. Press or to highlight "Hotkeys", then press or [Select] to select.
   The list of hotkeys is displayed.
6. Press or to highlight the number to which you wish to assign hotkeys, then press to select.
   The list of registered bookmarks is displayed.
7. Press or to highlight the desired bookmark, then press to select.

Tip

- *From the Main menu, you can also access the screen shown in step 5: My Stuff → Bookmarks → Options → 6 Hotkeys*

My Stuff (M 6)

My Stuff in the handset memory or memory card contains several types of picture, sound and video clip data. Also included in My Stuff are frequently used text message phrases and accessed WAP pages (addresses) which you can use.

Pictures (M 6-1)

Pictures that are taken by a digital camera or images that are downloaded from mobile Internet sites can be managed.

- : Images in PNG format
- : Pictures in JPEG format
- : e-Animation file (NEVA)
- : Images in GIF format
- : Images in BMP format
- : Images in WBMP format
- : Images in WPNG format

Note

- *The phone can store approximately 6 Mbytes of data across Pictures, Games & More, Sounds and Videos.*

Viewing Pictures

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "My Stuff", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Pictures", then press ◯ to select.
4. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ◯ to select.
   The list of pictures is displayed.
5. Press ▲ or ▼ to highlight the file name you wish to view, then press ◯ to select.
   The selected picture is displayed.
6. Once you have viewed the picture, press [Back] to return to the list.

Tip

- *The Contacts Location indicator (handset: or memory card: is displayed so that you can find the memory you are using.*

Using Images as Wallpaper

1. Perform steps 1 to 4 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to use as wallpaper, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Set as Wallpaper", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "Main Display" or "External Display", then press ● to select.
   The selected picture is displayed.
5. Press ▲, ▼, ◀ or ▶ to specify the area you wish to display, then press ●.

Saving to Contacts List

You can use this option only for pictures saved in the handset memory.

1. Perform steps 1 to 4 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to add to Contacts List, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Add to Contact", then press ● or [Select] to select.

When you overwrite existing Contacts List data

4. Press ▲ or ▼ to highlight "Existing Contact", then press ● to select.
   If the picture size exceeds 240 dots in width or 320 dots in height, press ▲, ▼, ◀ or ▶ to specify the area you wish to display, then press ●.
5. Press ▲ or ▼ to highlight the data you wish to save to, then press ● to select.

When you save new Contacts List data

4. Press ▲ or ▼ to highlight "New Contact", then press ● to select.
   If the picture size exceeds 240 dots in width or 320 dots in height, press ▲, ▼, ◀ or ▶ to specify the area you wish to display, then press ●.
   For details on entering a name, see "Add New Contact" on page 39.

Editing Pictures

To Retouch Pictures

1. Perform steps 1 to 4 in “Viewing Pictures” on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to retouch, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Edit Picture”, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight “Retouch”, then press ● to select.
5. Press ▲ or ▼ to highlight the retouching option you wish to use, then press ● to select.
   The selected option is confirmed on the display.
6. Press ●.

Note

- *The size of pictures that can be retouched is 52 dots [W] × 52 dots [H] minimum and 240 dots [W] × 320 dots [H] or 320 dots [W] × 240 dots [H] maximum.*

To Add a Frame to Pictures

1. Perform steps 1 to 4 in “Viewing Pictures” on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to add frame to, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Edit Picture”, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight “Add Frame”, then press ● to select.
5. Press ▲ or ▼ to highlight the frame pattern you wish to use, then press ● to select.
   The selected frame is confirmed on the display.
6. Press ●.

Note

- *The size of pictures that you can add a frame to is 240 dots [W] × 320 dots [H] or 320 dots [W] × 240 dots [H] maximum.*

To Add Stamps to Pictures

1. Perform steps 1 to 4 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to add stamp to, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Edit Picture", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "Add Stamps", then press ● to select.
5. Press [Stamps], then press ▲ or ▼ to highlight the stamp pattern you wish to use, then press ● to select.
6. Press ▲, ▼, ◀ or ▶ to move the cursor to the point you wish to add a stamp.
7. Press ● to add the stamp.
   To add more stamps, repeat steps 5 to 7.
8. Press [End], then press [Yes].
   To cancel, press [No] in step 8.

Note

- *The size of pictures that you can add stamps to is 24 dots [W] × 24 dots [H] minimum and 240 dots [W] × 320 dots [H] or 320 dots [W] × 240 dots [H] maximum.*

To Rotate Pictures

1. Perform steps 1 to 4 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to rotate, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Edit Picture", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "Rotate", then press ● to select.
   The picture is rotated 90º anticlockwise.
   Press [Rotate] again for another 90º.
5. Press ●.

Note

- *The size of pictures that you can rotate is 240 dots [W] × 320 dots [H] or 320 dots [W] × 240 dots [H] maximum.*

Copying or Moving Pictures

You can copy or move pictures between the handset memory and memory card.

1. Perform steps 1 to 4 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to copy or move, then press ● to select.
3. Press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Copy to Card" or "Move to Card", then press ● to select.

Downloading Picture File (M 6-1-3)

1. Perform steps 1 to 3 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight "More Pictures", then press ● to select.
   The picture file download site is displayed.

Changing the File Name

1. Perform steps 1 to 4 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to change, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Rename", then press ● or [Select] to select.
4. Enter a new file name.
   To correct the last character, press [Clear] briefly. Press and hold [Clear] to clear all characters.
5. Press ●.

Note

- *Following characters cannot be used for a file name: /, \, :, *, ?, ", <, >, | and . (full-stop). (Full-stop can be used for picture files in the memory card.)*

Adjusting the Size of the Picture

The pictures that are registered in the handset memory or in the memory card can be adjusted for use as main or external displays as well as incoming call, alarm or power on/off displays.

When the picture size is modified, the data size is updated.

1. Perform steps 1 to 4 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to adjust, then press [Options].

   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Adjust Size", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "Main Display", "External Display", "Power On/Off", "Incoming" or "Alarm", then press ● to select.

   The selected picture is displayed.
5. Press ▲, ▼, ◀ or ▶ to specify the area you wish to display, then press ●.
6. Press ● to save.

   To cancel registration, press [Back] in step 6.

Note

- *"Adjust Size" may not be available depending on the original picture and copyright issued.*

Sending Messages

1. Perform steps 1 to 4 in "Viewing Pictures" on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to send, then press [Options].

   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Create Message", then press ● or [Select] to select.
4. Enter your message.

   For details on creating a message, see "Creating a New MMS" on page 65.

Note

- *Pictures with a red icon cannot be sent attached to a message.*

Deleting Pictures

1. Perform steps 1 to 4 in “Viewing Pictures” on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to delete, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Delete”, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight “One Picture” or “All Pictures”, then press ● to select.
5. Press [Yes].
   To cancel deletion, Press [No] in step 5.

Checking the Picture Information

1. Perform steps 1 to 4 in “Viewing Pictures” on page 91.
2. Press ▲ or ▼ to highlight the file name you wish to check, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Picture Details”, then press ● or [Select] to select.
   The detailed information screen is displayed.
4. Press ▲ or ▼ to scroll through the screen.
5. When you have finished, press [Back].

Games & More (M 6-2)

Along with the preloaded application, downloaded applications are stored in Applications.

Note

- *Applications can store up to 50 applications.*

Using Applications

Various kinds of Vodafone specific applications can be used in this phone.

To use applications, download the applications via the mobile Internet.

Some applications offer the ability to connect to a network either within a game or network based application.

Note

- *Applications may be both localised (no connectivity) and network based (using the mobile Internet to update information/play games). The network may charge you more for using network-based applications. Please contact your service provider for more information.*

Downloading Applications

Confirmation Screen

Before downloading the application you are asked to confirm what you are about to receive.

After checking the information on the confirmation screen, the application can be downloaded.

Note

- *User authentication may be required before downloading the application on some information screens.*

Executing Applications (M 6-2-1)

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “My Stuff”, then press ● to select.
3. Press ▲ or ▼ to highlight “Games & More”, then press ● to select.
4. Press ▲ or ▼ to highlight “Applications”, then press ● to select.

   The list of Applications is displayed.
   Downloaded applications are sequentially displayed from the latest one.
5. Press ▲ or ▼ to highlight the title of the application you wish to execute, then press ● to select.

   The selected application is executed.
   When using network connection type applications, connection to the network can be selected.

To End the Application

1. Press ⏻.
2. Press ▲ or ▼ to highlight “End”, then press ● to select.

To Suspend the Application

1. Press ⏻.
2. Press ▲ or ▼ to highlight “Suspend”, then press ● to select.

   To resume the application, perform steps 1 to 4 in “Executing Applications” and highlight “Resume”, then press ●.

Checking the Application Information

1. Perform steps 1 to 4 in “Executing Applications”.
2. Press ▲ or ▼ to highlight the application you wish to check, then press [Options].

   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Application Details”, then press ● or [Select] to select.

   The detailed information screen is displayed.
4. Press ▲ or ▼ to scroll through the screen.

5. When you have finished, press [Back] twice.
   The screen returns to the list.

Deleting Applications

1. Perform steps 1 to 4 in "Executing Applications" on page 99.
2. Press ▲ or ▼ to highlight the application you wish to delete, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Delete", then press ● or [Select] to select.
4. Press [Yes].
   The selected application is deleted.
   To cancel deletion, press [No] in step 4.

Note

- *You cannot delete preloaded applications.*

More Games (M 6-2-2)

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "My Stuff", then press ● to select.
3. Press ▲ or ▼ to highlight "Games & More", then press ● to select.
4. Press ▲ or ▼ to highlight "More Games", then press ● to select.
   The application download site is displayed.
5. Press ▲ or ▼ to highlight the application you wish to download.
   After a WAP browser is displayed variously, the confirmation screen will appear after a whilst.
6. Press [Get].
   Downloading starts.
7. Press [OK] even if it carries out complete.

Sounds (M 6-3)

The ringtones created using the Melody Editor and the AMR data recorded by Voice Recorder are managed in the handset memory or in the memory card. The default ringtones are not contained within the handset memory.

: Sound file in SMAF format
: Original ringtone (composed in Melody Editor)
: Sound file in Standard MIDI format
: Sound file in i Melody format
: Sound file in WAVE format
: Sound file in AMR format
: Sound file in MP3 format

Tip

- *SMAF (Synthetic music Mobile Application Format) is a format of music data for mobile phones.*
- *The MP3 sound file is played back by the MP3 Player application.*

Downloading Sound Files (M 6-3-3)

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "My Stuff", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Sounds", then press ◯ to select.
4. Press ▲ or ▼ to highlight "More Sounds", then press ◯ to select.

   The sound file download site is displayed.

Playing Back Sounds

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "My Stuff", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Sounds", then press ◯ to select.
4. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ◯ to select.

   The list of sounds is displayed.
5. Press ▲ or ▼ to highlight the sound you wish to play back, then press ◯ to select.

   The selected sound is played.
   To stop playing, press ◯.

Tip

- *The Contacts Location indicator (handset: or memory card:) is displayed so that you can find the memory you are using.*

Using the Sounds as Ringtone

You can use this option only for sounds saved in the handset memory.

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 101.
2. Press ▲ or ▼ to highlight the file name you wish to use as ringtone, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Set as Ringtone”, then press ● or [Select] to select.
   The selected sound is automatically used for the ringtone of the current Profiles.

Note

- *Files in AMR/WAVE and MP3 format cannot be used for the ringtone.*

Copying or Moving Sound Files

You can copy or move sound files between the handset memory and memory card.

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 101.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Copy to Card” or “Move to Card”, then press ● to select.

Checking the Information of the Sound Files

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 101.
2. Press ▲ or ▼ to highlight the file name you wish to check, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Sound Details”, then press ● or [Select] to select.
   The detailed information screen is displayed.
4. Press ▲ or ▼ to scroll through the screen.
5. When you have finished, press [Back].
   The screen returns to the list.

Changing the File Name

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 101.
2. Press ▲ or ▼ to highlight the file name you wish to change, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Rename”, then press ● or [Select] to select.
4. Enter a new file name.
   To delete the last character, press [Clear] briefly. Press and hold [Clear] to clear all characters.
5. Press ●.

Note

- *Following characters cannot be used for a file name: /, \, :, *, ?, ", <, >, | and . (full-stop). (Full-stop can be used for sound files in the memory card.)*

Tip

- *When “Edit Data” is displayed in the menu in step 2, you are able to edit the sound (p. 132). Once you have completed editing the newly saved file overwrites the old file. This new file then becomes the original ringtone.*

Setting the Tone and Strength

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 101.
2. Press ▲ or ▼ to highlight the file name you wish to edit, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Set Tone” or “Set Strength”, then press ● or [Select] to select.
   For full details, see pages 128 to 131.

Note

- *If “Set Tone” and “Set Strength” are not displayed in the menu in step 2, you cannot change these settings.*

Sending Messages

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 101.
2. Press ▲ or ▼ to highlight the file name you wish to send, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Create Message”, then press ● or [Select] to select.

If you select your original ringtone in step 2, perform the following, otherwise go to step 5.

4. Press ▲ or ▼ to highlight the file format "SMAF", "MIDI" or "i Melody", then press ● to select.
5. Enter your message.

   For details on creating a message, see "Creating a New MMS" on page 65.

Note

- *MP3 sound files cannot be sent attached to a message.*
- *Sounds with a red icon cannot be sent attached to a message.*
- *Only the first part of the data is converted if you select "i Melody" in step 4.*

Deleting Sounds

1. Perform steps 1 to 4 in "Playing Back Sounds" on page 101.
2. Press ▲ or ▼ to highlight the file name you wish to delete, then press [Options].

   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Delete", then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight "One Sound" or "All Sounds", then press ● to select.
5. press [Yes].

   To cancel deletion, press [No] in step 5.

Videos (M 6-4)

Video clips that are recorded by a video camera or video clips that are downloaded from mobile Internet sites can be managed.

Downloading Video Clip Files (M 6-4-3)

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "My Stuff", then press ● to select.
3. Press ▲ or ▼ to highlight "Videos", then press ● to select.
4. Press ▲ or ▼ to highlight "More Videos", then press ● to select.

   The video clip file download site is displayed.

Playing Back Video Clip Files

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "My Stuff", then press ● to select.
3. Press ▲ or ▼ to highlight "Videos", then press ● to select.
4. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ● to select.
   The list of video clips is displayed.
5. Press ▲ or ▼ to highlight the video clip you wish to play back, then press ● to select.
6. Press ●.
   The selected video clip is played back.
   To pause playback, press ●.
   To resume playback, press ● again.
   To stop playback, press [Back].
   To return to the original size, press [×1].

Tip

- *The Contacts Location indicator (handset: or memory card:) is displayed so that you can find the memory you are using.*

Copying or Moving Video Clips

You can copy or move video clips between the handset memory and memory card.

1. Perform steps 1 to 4 in "Playing Back Video Clip Files".
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight "Copy to Card" or "Move to Card", then press ● to select.

Checking the Video Clip File Information

1. Perform steps 1 to 4 in "Playing Back Video Clip Files".
2. Press ▲ or ▼ to highlight the file name you wish to check, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "Video Details", then press ● or [Select] to select.
   The detailed information screen is displayed.
4. Press ▲ or ▼ to scroll through the screen.
5. When you have finished, press [Back].

Changing the File Name

1. Perform steps 1 to 4 in “Playing Back Video Clip Files” on page 105.
2. Press ▲ or ▼ to highlight the file name you wish to change, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Rename”, then press ● or [Select] to select.
4. Enter a new file name.
   To delete the last character, press [Clear] briefly. Press and hold [Clear] to clear all characters.
5. Press ●.

Note

- *Following characters cannot be used for a file name: /, \, :, *, ?, ", <, >, | and . (full-stop). (Full-stop can be used for video clips in the memory card.)*

Sending Messages

1. Perform steps 1 to 4 in “Playing Back Video Clip Files” on page 105.
2. Press ▲ or ▼ to highlight the file you wish to send, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Create Message”, then press ● or [Select] to select.
4. Enter your message.
   For details on creating a message, see “Creating a New MMS” on page 65.

Note

- *Video Clips with a red icon cannot be sent attached to a message.*

Deleting Video Clip Files

1. Perform steps 1 to 4 in “Playing Back Video Clip Files” on page 105.
2. Press ▲ or ▼ to highlight the file you wish to delete, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Delete”, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight “One Video” or “All Videos”, then press ● to select.
5. Press [Yes].
   To cancel deletion, press [No] in step 5.

Bookmarks (M 6-5)

You can store desired (or frequently used) pages (addresses) in Bookmarks. It can save your time in accessing WAP pages sites. For further details, see “Vodafone live!” on page 86.

Text Templates (M 6-6)

You can register up to 20 text templates for use in text messages and multimedia messages.

You can input messages more easily by registering frequently used text.

120 characters may be registered in any text template.

Adding Phrases to Text Templates

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "My Stuff", then press ● to select.
3. Press ▲ or ▼ to highlight "Text Templates", then press ● to select.
   The list of Text Templates is displayed.
4. Press ▲ or ▼ to highlight the number you wish to register, then press ● to select.
5. Enter the text, then press ●.
   For details on entering characters, see "Entering Characters" on page 32.

Editing Text Templates

1. Perform steps 1 to 3 in "Adding Phrases to Text Templates".
2. Press ▲ or ▼ to highlight the number you wish to edit, then press ● to select.
3. Enter new text.
   To correct the last character, press [Clear] briefly.
   Press and hold [Clear] to clear all characters.
4. Press ●.

Viewing Text Templates

1. Perform steps 1 to 3 in "Adding Phrases to Text Templates".
2. Press ▲ or ▼ to highlight the number you wish to view, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight "View", then press ● or [Select] to select.
   The selected text template is displayed.
4. After confirmation, press [Back] to return to the template list.

Deleting Text Templates

1. Perform steps 1 to 3 in "Adding Phrases to Text Templates" on page 108.
2. Press ▲ or ▼ to highlight the text template you wish to delete, then press [Options].
3. Press ▲ or ▼ to highlight "Delete", then press ● or [Select] to select.
4. Press [Yes].

   The selected text template is deleted.
   To cancel deletion, press [No] in step 4.

Memory Status (M 6-7)

This function helps you to check the memory status of the handset memory or memory card. Memory status covers the followings.

Handset Memory: Applications, Pictures, Sounds, and Videos

Memory Card: Pictures, Sounds, Videos and Others

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "My Stuff", then press ● to select.
3. Press ▲ or ▼ to highlight "Memory Status", then press ● to select.
4. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ● to select.

Games & More (M 1)

Executing Applications (M 1-1)

You can execute games and other applications on your phone. For details about Applications, see page 99.

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Games & More", then press ● to select.
3. Perform steps 4 and 5 in "Executing Applications" on page 99.

Screensavers (M 1-2)

You can download screensaver applications for the stand-by screen.

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Games & More", then press ● to select.
3. Press ▲ or ▼ to highlight "Screensavers", then press ● to select.
4. Press ▲ or ▼ to highlight "On/Off", then press ● to select.
5. Press ▲ or ▼ to highlight "On" to set screensavers on or "Off" to set screensavers off, then press ● to select.
6. If you select "On", press ▲ or ▼ to highlight the desired application, then press ● to select.

Note

- *In the list that appears in step 6, only the available screensavers can be selected.*

Online Setting (M 1-2-2)

You can set whether to connect to the network or not using the screensaver application.

1. Perform steps 1 to 3 in "Screensavers".
2. Press ▲ or ▼ to highlight "Online Setting", then press ● to select.
3. Press ▲ or ▼ to highlight "On" or "Off", then press ● to select.

Note

- *Changes made to the above setting whilst the application is suspended are made effective by restarting the application.*
- *You may not be able to make the above settings depending on your network.*

Resume Time (M 1-2-3)

You can set the time period for the screensaver application to activate.

1. Perform steps 1 to 3 in "Screensavers" on page 110.
2. Press ▲ or ▼ to highlight "Resume Time", then press ● to select.
3. Enter the resume time in two digits using the digit keys, then press ●.

More Games (M 1-3)

You can download applications.

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Games & More", then press ● to select.
3. Perform steps 4 to 7 in "More Games" on page 100.

Settings (M 1-4)

Opening the Settings Screen

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Games & More", then press ● to select.
3. Press ▲ or ▼ to highlight "Settings", then press ● to select.

   The Settings screen is displayed. The following settings can be made.

Operation Priority

You can set the priority of incoming calls and alarms whilst an application is operating.

1. Perform steps 1 to 3 in "Opening the Settings Screen".
2. Press ▲ or ▼ to highlight "Calls & Alarms", then press ● to select.
3. Press ▲ or ▼ to highlight the option you wish to set, then press ● to select.

The options available are:

- "Incoming Call"
- "Alarm"

4. Press ▲ or ▼ to highlight methods, then press ● to select.

- "Call Priority" or "Alarm Priority":
  The application is suspended automatically, and you can receive a call, or the alarm will sound. After finishing the call or the alarm ends, the suspend icon ( ) is displayed letting know there is a suspended application.
- "Call Notice" or "Alarm Notice":
  The marquee (character scrolls) is displayed on the first line of the screen whilst the application continues. If you press ⌐, the application is suspended, and you can receive a call. After finishing the call, the suspend icon () is displayed letting know there is a suspended application.

Sound Volume (M 1-4-2)

You can set the volume of the application such as sound effect to one of the five levels or silent. When "Ringer Volume" (p. 137) is set to "Silent", this setup has priority.

1. Perform steps 1 to 3 in "Opening the Settings Screen" on page 111.
2. Press ▲ or ▼ to highlight "Sound Volume", then press ● to select.
   The current volume level is displayed.
3. Press ▲ to increase the volume or press ▼ to decrease the volume, then press ● to select.

Backlight (M 1-4-3)

You can select the backlight method of the application from the following three types:

- "On": Lit whilst the application is operated.
- "Off": Unlit whilst the application is operated even if a key is pressed.
- "Normal Settings": Works with the main backlight setting. (p. 153)

1. Perform steps 1 to 4 in "Opening the Settings Screen" on page 111.

2. Press ▲ or ▼ to highlight “Backlight”, then press ● to select.
3. Press ▲ or ▼ to highlight “On/Off”, then press ● to select.
4. Press ▲ or ▼ to highlight “On”, “Off” or “Normal Settings”, then press ● to select.

To Set the Blinking Operation

This setting enables the backlight to be controlled by the application. If set to “Off”, the backlight cannot be turned on from the application.

1. Perform steps 1 to 3 in “Opening the Settings Screen” on page 111.
2. Press ▲ or ▼ to highlight “Backlight”, then press ● to select.
3. Press ▲ or ▼ to highlight “Blink”, then press ● to select.
4. Press ▲ or ▼ to highlight “On” or “Off”, then press ● to select.

Vibration (M 1-4-4)

When the vibrator is set in the application, you can choose whether the operation is enabled or disabled.

When a SMAF file is specified in the application, you can operate the vibrator set in the SMAF file.

Note

- *SMAF (Synthetic music Mobile Application Format) is a music data format for mobile phones.*

1. Perform steps 1 to 3 in “Opening the Settings Screen” on page 111.
2. Press ▲ or ▼ to highlight “Vibration”, then press ● to select.
3. Press ▲ or ▼ to highlight “Enable”, “Disable” or “Link to Sound”, then press ● to select.

   When you set “Link to Sound”, the application is synchronised with the vibrator.

Online Confirmation (M 1-4-5)

You can select the display settings of the confirmation screen of the application on application startup.

1. Perform steps 1 to 3 in "Opening the Settings Screen" on page 111.
2. Press ▲ or ▼ to highlight "Online Confirmation", then press ● to select.
3. Press ▲ or ▼ to highlight "On", then press ● to select.

   To cancel confirmation, highlight "Off", then press ● to select.

Reset (M 1-4-6)

To Reset All Items in Settings Menu

1. Perform steps 1 to 3 in "Opening the Settings Screen" on page 111.
2. Press ▲ or ▼ to highlight "Reset", then press ● to select.
3. Enter your handset code, then press ●.

   The default handset code is "0000". For details on changing the handset code, see "To Change Handset Code" on page 181.
   If you enter a wrong handset code, the screen will return to step 3 in "Opening the Settings Screen" on page 111.
4. Press ▲ or ▼ to highlight "Settings Reset", then press ● to select.
5. Press [Yes].

   All items in Settings menu and screensaver settings are reset.
   To cancel resetting, press [No] in step 5.

To Clear All Applications

All applications stored in Applications are cleared. The preloaded application cannot be deleted.

1. Perform steps 1 to 3 in “Opening the Settings Screen” on page 111.
2. Press ▲ or ▼ to highlight “Reset”, then press ● to select.
3. Enter your handset code, then press ●.
   If you enter a wrong handset code, the screen will return to step 3 in “Opening the Settings Screen” on page 111.
4. Press ▲ or ▼ to highlight “All Clear”, then press ● to select.
5. Press [Yes].
   All applications are cleared.
   To cancel clearing, press [No] in step 5.

Java™ Information (M 1-5)

The information about the license belonging to Java™ can be displayed.

Applications (M 3)

SIM Application (M 3-1)

You can refer to the information on the SIM. Contact your service provider for further details.

MP3 Player (M 3-2)

The MP3 Player allows you to play back MP3 sound files.

Playing Back MP3 Files

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Applications”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “MP3 Player”, then press ◯ to select.
4. Press ▲ or ▼ to highlight the desired memory, then press ◯ to select.

   MP3 files from the selected memory are listed.
5. Press ◯ to start playback.
   - To pause, press ◯.
   - To repeat playback, press [Options], then press ▲ or ▼ to highlight “Repeat On”, then press ◯ or [Select] to select. To turn the repeat setting off, select “Repeat Off”, then press ◯ to select. Pressing *+ also allows you to turn on or off this setting.
   - To adjust the volume, press ▲ or ▼, or press the side-up or side-down keys.
   - To skip to the head of the current file, press ◀, and to skip to the previous file, press ◀ in succession.

Tip

- *MP3 files can also be played back by selecting “Sounds” from the “My Stuff” menu.*
- *You can sort files on the memory card only by date, file name, or at random. Press [Options] in step 4 to display the Options menu. Press ▲ or ▼ to highlight “Sort Type”, then press ◯ to select. Press the desired sort type, then press ◯ to select.*

Calendar (M 3-3)

The Calendar function helps you organise and manage your busy schedule. You can view the stored schedule on a monthly basis.

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Applications”, then press ◯ to select.

3. Press ▲ or ▼ to highlight “Calendar”, then press ● to select.

   The current month is displayed and the current date is highlighted.
4. Press ▲, ▼, ◀ or ▶ to highlight the day for the schedule, then press ● to select.
5. Press ▲ or ▼ to highlight the desired note frame, then press ● to select.

   Up to 3 schedule items can be stored.
6. Enter the schedule content, then press ●.

   For details on entering characters, see “Entering Characters” on page 32.
   If you wish to add another item, repeat steps 5 and 6.
7. When you have finished entering, press [Back].

   The screen returns to the calendar. Dates with scheduled tasks/meetings are underlined.

Note

- *The calendar can be displayed for dates from January 2000 through to December 2099.*

To Find a Particular Date

You can move the view to a specified date in the calendar.

1. Perform steps 1 to 3 in “Calendar” on page 116.

   The current month is displayed and the current date is highlighted.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Go to Date”, then press ● or [Select] to select.
4. Enter the date of the calendar to be displayed, then press ●.

   The specified date is displayed.

To Change to Weekly Format

You can change the Calendar to weekly format.

1. Perform steps 1 to 3 in “Calendar” on page 116.

   The current month is displayed and the current date is highlighted.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Weekly Format”, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight “Monday-Sunday” to display weekly format from Monday or “Sunday-Saturday” to display weekly format from Sunday, then press ● to select.

Deleting Schedules

To Delete Schedule Items

1. Perform steps 1 to 3 in “Calendar” on page 116.
2. Press ▲, ▼, ◀ or ▶ to highlight the day, then press ● to select.
3. Press ▲ or ▼ to highlight the item you wish to delete, then press [Options].
   The Options menu is displayed.
4. Press ▲ or ▼ to highlight “Delete”, then press ● or [Select] to select.
5. Press ▲ or ▼ to highlight “1 data”, then press ● to select.
6. Press [Yes].
   To cancel deleting, press [No] in step 6.

To Delete All Scheduled Tasks/Meetings for a Specific Day

1. Perform steps 1 to 3 in “Calendar” on page 116.
2. Press ▲, ▼, ◀ or ▶ to highlight the day you wish to delete, then press [Options].
   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “Delete”, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight “1 day” to delete all contents for a day, then press ● to select.
5. Press [Yes].
   To cancel deletion, press [No] in step 5.

To Delete All Scheduled Entries

1. Perform steps 1 to 3 in “Calendar” on page 116.
2. Press [Options] to display the Options menu.
3. Press ▲ or ▼ to highlight “Delete” to delete all scheduled entries, then press ● or [Select] to select.
4. Press ▲ or ▼ to highlight “All Data” to delete all scheduled entries, then press ● to select.
5. Press [Yes].
   To cancel deletion, press [No] in step 5.

Alarm (M 3-4)

Setting the Alarm (M 3-4-1)

The alarm function allows you to be alerted at a specified time.

Note that the alarm may not function correctly if the clock has not been set.

The alarm functions only if the phone is switched on.

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Applications”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Alarm”, then press ◯ to select.
4. Press ▲ or ▼ to highlight “List Alarms”, then press ◯ to select.
5. Press ▲ or ▼ to highlight the desired alarm number, then press ◯ to select.

   Up to 8 alarm times can be specified.
6. Press ▲ or ▼ to highlight “Set Date/Time”, then press ◯ to select.
7. Enter the alarm date and time using the digit keys, then press ◯.

   When you enter the alarm time in the 12-hour clock format, press *+0 to switch between am and pm.
8. Press ▲ or ▼ to highlight “Repeat Daily”, then press ◯ to select.
9. Press ▲ or ▼ to highlight “On” or “Off”, then press ◯ to select.
10. Press ▲ or ▼ to highlight “Alarm Status”, then press ◯ to select.
11. Press ▲ or ▼ to highlight “On”, then press ◯ to select.
12. Press [Save].

To Change the Type of Alarm Tone

1. Perform steps 1 to 5 in “Setting the Alarm” on page 119.
2. Press ▲ or ▼ to highlight “Alarm Tone”, then press ● to select.
3. Press ▲ or ▼ to highlight “Tone”, then press ● to select.
4. Press ▲ or ▼ to highlight “Preset Sounds” or “My Sounds”, then press ● to select.
5. Press ▲ or ▼ to highlight the alarm tone.
   If you wish to hear the demo play, press ●.
   To stop playing, press ●.
6. When selection is complete, press [Options] to display the Options menu.
7. Press ▲ or ▼ to highlight “Assign”, then press ● or [Select] to select.

To Change the Vibration of the Alarm

1. Perform steps 1 to 5 in “Setting the Alarm” on page 119.
2. Press ▲ or ▼ to highlight “Alarm Tone”, then press ● to select.
3. Press ▲ or ▼ to highlight “Vibration”, then press ● to select.
4. Press ▲ or ▼ to highlight “Enable”, “Disable” or “Link to Sound”, then press ● to select.

To Change the Duration of the Alarm

1. Perform steps 1 to 5 in “Setting the Alarm” on page 119.
2. Press ▲ or ▼ to highlight “Alarm Tone”, then press ● to select.
3. Press ▲ or ▼ to highlight “Duration”, then press ● to select.
   The current duration is displayed.
4. Enter the length of the duration in 2 digits (02 to 59 seconds) using the digit keys, then press ●.

Changing Alarm Settings

1. Perform steps 1 to 4 in “Setting the Alarm” on page 119.
2. Press ▲ or ▼ to highlight the number you wish to change, then press ● to select.
3. Change alarm settings.

   For details on changing alarm settings, see “Setting the Alarm” on page 119.

Disabling the Alarm Function

1. Perform steps 1 to 5 in “Setting the Alarm” on page 119.
2. Press ▲ or ▼ to highlight “Alarm Status”, then press ● to select.
3. Press ▲ or ▼ to highlight “Off”, then press ● to select.
4. Press [Save].

Resetting an Alarm Setting

1. Perform steps 1 to 4 in “Setting the Alarm” on page 119.
2. Press ▲ or ▼ to highlight the number you wish to reset, then press ● to select.
3. Press ▲ or ▼ to highlight “Reset Alarm”, then press ● to select.
4. Press [Yes].

   To cancel resetting, press [No] in step 4.

Resetting All Alarm Settings (M 3-4-2)

1. Perform steps 1 to 3 in “Setting the Alarm” on page 119.
2. Press ▲ or ▼ to highlight “Clear All”, then press ● to select.
3. Press [Yes].

   To cancel resetting, press [No] in step 3.

Calculator (M 3-5)

The calculator function performs the 4 arithmetic calculations using up to 12 digits.

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Applications”, then press ● to select.
3. Press ▲ or ▼ to highlight “Calculator”, then press ● to select.
4. Press ▲ or ▼ to highlight “Calculator”, then press ● to select.
   The calculator is displayed on the display.
5. Key operations for calculation are as follows.

   To enter a decimal point, press ⊡.
   To clear the entered number or operand, press [Clear].
   To do the calculations, press ●.
6. If you wish to start a new calculation, press [Clear].

Rate Conversion (M 3-5-2)

You can also use the calculator as a currency calculator to convert from/to a home currency using a conversion rate that you enter.

To Set a Currency Conversion Rate

1. Perform steps 1 to 3 in “Calculator”.
2. Press ▲ or ▼ to highlight “Exchange Rate”, then press ● to select.
3. Press ▲ or ▼ to highlight “Foreign → Domestic” or “Domestic → Foreign”, then press ● to select.
4. Enter the currency conversion rate, then press ●.
   To delete all digits, press [Clear].

To Convert a Value

1. Perform steps 1 to 4 in “Calculator” on page 122.
2. Enter the value to be converted, then press [Options].

   The Options menu is displayed.
3. Press ▲ or ▼ to highlight “In Domestic” or “In Foreign”, then press ● or [Select] to select.

   The result is displayed.
   If you select “Exchange Rate” in step 3, you can set a currency conversion rate.

Note

- *You cannot perform step 2 when an arithmetic symbol (+, –, × or ÷) is displayed.*

Voice Recorder (M 3-6)

This allows you to record a voice message of up to 60 seconds, which can be used to remind you of schedule entries or be sent within a multimedia message. The recorded voice message is registered in the handset memory or in the memory card.

To Record a Voice Message

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Applications”, then press ● to select.
3. Press ▲ or ▼ to highlight “Voice Recorder”, then press ● to select.
4. Press ● to start recording.

   To stop recording before the recording time is over, press ●.
5. Press ▲ or ▼ to highlight “Save” to save the voice message, then press ● to select.

Tip

- *You can also record a voice message by pressing ● during stand-by, then press ▭ whilst the Main menu is displayed, instead of steps 1 to 3.*
- *If you wish to record a voice message again, press [Cancel] in step 5. The screen will return to step 4.*
- *Whilst performing step 4, press [Options] instead in order to switch the memory back and forth to either the handset memory or the memory card, then press ▲ or ▼ to highlight "Save New Sounds to", then press ● to select. Then press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ● to select.*

To Play Back the Recorded Voice Message

1. Perform steps 1 to 4 in "To Record a Voice Message" on page 123.
2. Press ▲ or ▼ to highlight "Playback", then press ● to select.
3. Press ●.

   The recorded voice message is played back.

   To stop playback, press ●.

   To adjust the volume, press ▲ or ▼.

To Send Voice Messages

1. Perform steps 1 to 4 in "To Record a Voice Message" on page 123.
2. Press ● to stop recording.
3. Press ▲ or ▼ to highlight "Save and Send", then press ● to select.
4. Perform steps 4 to 6 in "Creating a New MMS" on page 65.

Melody Editor (M 3-7)

You can create an original ringtone, or you can send a melody attached to a multimedia message.

You can input up to 95 tones × 32 voices, 190 tones × 16 voices, or 380 tones × 8 voices per melody.

The original ringtone is registered in the handset memory.

Creating Your Original Ringtone (M 3-7-1)

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Applications", then press ● to select.
3. Press ▲ or ▼ to highlight "Melody Editor", then press ● to select.
4. Press ▲ or ▼ to highlight "Create New", then press ● to select.
5. Enter the title.

   Up to 24 characters can be entered.
   For details on entering characters, see "Entering Characters" on page 32.
6. Press ●.
7. Press ▲ or ▼ to highlight a tempo, then press ● to select.

The music tempo is described below.

- "Allegro (Fast)": ♩ 150
- "Moderato (Normal)": ♩ 125
- "Andante (Slow)": ♩ 107
- "Adagio (Very Slow)": ♩ 94

Tempo is defined by the number of crotchets (♩) played per minute.

8. Press ▲ or ▼ to highlight "8 Chords", "16 Chords" or "32 Chords", then press ● to select.
9. Press the digit keys to specify the musical scale and rest.

   For details on specifying the sound level and rest, see "To Specify the Musical Scale and Rest" on page 127.
10. Press ✱+0 or # to specify the types of musical notes or rest.

    For details on specifying the musical notes and rest, "To Specify the Types of Notes and Rests" on page 127.

11. Press ▶ after inputting one note.

Input the next note after the cursor moves to the right.

12. Repeat steps 9 to 11 to input notes.

When you press ● during input, the melody that you have entered is played back.

When you press [Options] and select "Play before Cursor" whilst entering notes, the melody, that is displayed on the screen, is played back up to the cursor position.

When you press [Options] and select "Select Part", you can select another chord. Repeat steps 9 to 11 to input notes for the new chord.

13. When you finish inputting, press [Options] to display the Options menu.

14. Press ▲ or ▼ to highlight "Save", then press ● or [Select] to select.

15. Press ▲ or ▼ to highlight "Save to My Stuff", then press ● to select.

Your original ringtone is registered in the handset memory.

Note

- *If the capacity or memory in the handset memory becomes insufficient, the message, "Maximum capacity : 1000 Not registered." or "Not registered. Memory full." is displayed. The display returns to the screen of step 15. Try again after deleting unnecessary data (p. 104).*
- *Melodies consisting of too many short notes (semiquavers and triplets) cannot be played back in step 12 and the following message is displayed: "Can not play due to too many notes per sec." The screen returns to step 9.*
  The message "Can not save due to too many notes per sec." may also be displayed, and the screen returns to step 9.
  Reduce the number of melodies, replace short notes, cancel triplets, etc. to remedy.

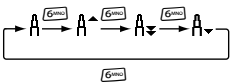
To Specify the Musical Scale and Rest

Using the keys shown below, specify the musical scale and rest.

Do	Re	Mi	Fa	Sol	La	Ti	Rest
1	2	3	4	5	6	7	0

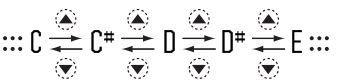
When you press the key shown above once, a crotchet is specified in the middle scale (no mark).

When you press the same key repeatedly, the note will shift cycle through the available octave ranges.



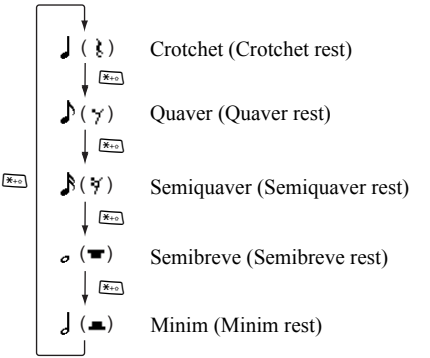
When you press ▲ or ▼ whilst a note is selected, the note will move one semitone higher or lower.

When entering rest: Crotchet rest is entered.

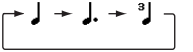


To Specify the Types of Notes and Rests

Specify notes and rests by pressing * or # repeatedly.



When you make a dotted note or a triplet, press 9 after selecting the target note.



Note

- *You cannot make a dotted semiquaver (semiquaver rest) or a dotted semibreve (semibreve rest).*
- *Three continuous notes are required for a triplet.*

To specify a tie, press 8 after selecting the target notes.

An underscore (_) is displayed next to the note, and the note is tied with the next one.

To enter the next note, press ▶ and move the cursor to the right. Then, repeat the operation on the previous page.

If the cursor is positioned next to a note, you can repeat the note immediately left of the cursor when ▲ or ▼ is pressed.

To Set the Tone

The phone can play notes using different instruments.

1. Perform steps 1 to 13 in "Creating Your Original Ringtone" on page 125.
2. Press ▲ or ▼ to highlight "Set Tone", then press ● to select.
3. Press ◀ or ▶ to highlight a category of the tone.
4. Press ▲ or ▼ to highlight a tone.

   When you press [Options] and select "Play Current Part", the melody entered is played back in the selected tone.

   When you press [Options] and select "Confirm Tones", the syllable names are played back in the selected tone.
5. Press ●.

   Now you can create a melody.

You can select from the following 128 basic tones and 61 extended tones.

Basic tones

Category	Tone	Category	Tone
Pianos	Piano Bright Piano E. Grand Piano Honky-tonk Electric Piano 1 Electric Piano 2 Harpsichord Clavi	Chimes	Celesta Glockenspiel Music Box Vibraphone Marimba Xylophone Tubular Bells Dulcimer
Organs	Drawbar Organ Percussive Organ Rock Organ Church Organ Reed Organ Accordion Harmonica Tango Accordion	Guitars	Nylon Guitar Steel Guitar Jazz Guitar Clean Guitar Muted Guitar Overdriven Guitar Distortion Guitar Guitar Harmonics
Basses	Acoustic Bass Finger Bass Pick Bass Fretless Bass Slap Bass 1 Slap Bass 2 Synth Bass 1 Synth Bass 2	Strings 1	Violin Viola Cello Contrabass Tremolo Strings Pizzicato Strings Harp Timpani
Strings 2	String Ensemble 1 String Ensemble 2 Synth Strings 1 Synth Strings 2 Choir Aahs Voice Oohs Synth Voice Orchestra Hit	Brasses	Trumpet Trombone Tuba Muted Trumpet French Horn Brass Section Synth Brass 1 Synth Brass 2
Reeds	Soprano Sax Alto Sax Tenor Sax Baritone Sax Oboe English Horn Bassoon Clarinet	Flutes/ Pipes	Piccolo Flute Recorder Pan Flute Blown Bottle Shakuhachi Whistle Ocarina
Synth Leads	Square Lead Sawtooth Lead Calliope Lead Chiff Lead Charang Lead Voice Lead Fifth Lead Bass & Lead	Synth Pads	New Age Pad Warm Pad Polysynth Pad Choir Pad Bowed Pad Metallic Pad Halo Pad Sweep Pad

Category	Tone	Category	Tone
Synth Effects	Rain Soundtrack Crystal Atmosphere Brightness Goblins Echoes Science Fiction	Ethnics	Sitar Banjo Shamisen Koto Kalimba Bagpipe Fiddle Shanai
Percus-sions	Tinkle Bell Agogo Steel Drums Woodblock Taiko Drums Melodic Tom Synth Drum Reverse Cymbal	Effects	Gtr. Fret Noise Breath Noise Seashore Bird Tweet Telephone Ring Helicopter Applause Gunshot

Extended tones

Category	Tone	Category	Tone
Drums (FM)	Seq Click H Brush Tap Brush Swirl L Brush Slap Brush Swirl H Snare Roll Castanet Sticks Open Rim Shot Closed Rim Shot Hand Clap Ride Cymbal Cup Tambourine Cowbell Vibraslap Bongo H Bongo L Conga H Mute Conga H Open Conga L	Drums (FM)	Timbale H Timbale L Agogo H Agogo L Cabasa Maracas Samba Whistle H Samba Whistle L Guiro Short Guiro Long Claves Wood Block H Wood Block L Cuica Mute Cuica Open Triangle Mute Triangle Open Shaker Jingle Bell Belltree

Category	Tone	Category	Tone
Drums (WT)	Snare L Snare M Snare H Bass Drum L Bass Drum M Bass Drum H Floor Tom L Floor Tom H Low Tom Mid Tom L Mid Tom H	Drums (WT)	High Tom Hi-Hat Closed Hi-Hat Pedal Hi-Hat Open Crash Cymbal 1 Crash Cymbal 2 Ride Cymbal 1 Ride Cymbal 2 Chinese Cymbal Splash Cymbal

To Set the Strength of the Original Ringtone

The strength of the original ringtone can be set in 3 levels for each melody.

When you purchase this phone, the strength of the original ringtone is set to "Loud".

1. Perform steps 1 to 13 in "Creating Your Original Ringtone" on page 125.
2. Press ▲ or ▼ to highlight "Set Strength", then press ●.
3. Press ▲ or ▼ to highlight a strength of the tone.
   When [Play] is pressed, the original ringtone entered is played back in the selected strength of the tone.
4. Press ●.
   Now you can create an original ringtone.

Editing Original Ringtones (M 3-7-2)

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Applications", then press ● to select.
3. Press ▲ or ▼ to highlight "Melody Editor", then press ● to select.
4. Press ▲ or ▼ to highlight "My Sounds", then press ● to select.
5. Press ▲ or ▼ to highlight an original ringtone you wish to edit, then press [Options].
   The Options menu is displayed.
6. Press ▲ or ▼ to highlight "Edit Data", then press ● or [Select] to select.
7. Edit the title, then press ●.
8. Press ▲ or ▼ to highlight a tempo, then press ● to select.
9. Press ▲ or ▼ to highlight the number of voices, then press ● to select.
10. Press ◀ or ▶ to highlight a note you wish to change, then edit notes.
    When you add notes, enter the note correctly on the cursor.
    To delete a note, press [Clear] briefly.
    Press and hold [Clear] to clear all tones.
11. When you finish editing, press [Options] to display the Options menu.
12. Press ▲ or ▼ to highlight "Save", then press ● or [Select] to select.
13. Press ▲ or ▼ to highlight "Save to My Stuff", then press ● to select.
14. Press ▲ or ▼ to highlight "Overwrite", then press ● to select.
    The original ringtone is changed.
    If you select "New", the melody before the correction is not modified. The original ringtone is registered as a new original ringtone.

Note

- *When the number of voices is modified in step 9, the confirmation screen may be displayed. When you press [Yes], a section of the melody may be deleted.*
- *When you are going to add notes in step 10, you cannot add any notes if you have already entered 380 notes (for 8 voices melodies), 190 notes (for 16 voices melodies) or 95 notes (for 32 voices melodies).*

Tip

- *To delete the continuous melody, press* [Options] *and then press or [Select] after selecting "Delete after Cursor" or "Delete before Cursor". You can delete the melody after the cursor or before the cursor.*

Copying and Pasting Notes

You can copy and move a part of the melody to another position.

Only original ringtones or editable melodies can be copied or moved.

1. Perform steps 1 to 9 in "Editing Original Ringtones" on page 132.
2. Press [Options] to display the Options menu.
3. Press or to highlight "Copy" or "Cut", then press or [Select] to select.
4. Press or to move the cursor to the first note to be copied or to be cut, then press .
5. Press or to move the cursor to the last note to highlight the area, then press .

   The highlighted area is saved temporarily in the memory. If you select "Cut" in step 3, the highlighted area is cut.
6. Press [Options] to display the Options menu.
7. Press or to highlight "Paste", then press or [Select] to select.
8. Press or to move the cursor to the point you wish to paste the notes, then press .

   Saved notes are pasted.

Phone Help (M 3-8)

You can view the help list and use it to guide you in the phone's functions.

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Applications", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Phone Help", then press ◯ to select.

   The help list is displayed.
4. Press ▲ or ▼ to highlight the desired function.
5. When you have finished, press [Back].

Profiles (M 7)

You can easily alter the phone tone (e.g. the ringer volume, keypad tones, etc.) according to your environment.

Tone sound and vibration set can be customised for each profile.

There are 5 profiles including one user definable profile:

- Normal
- Activity
- Car
- Headset
- Silent

Activating a Profile

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Profiles", then press ◯ to select.
   The Profiles screen is displayed.
3. Press ▲ or ▼ to highlight the profile you wish to activate, then press ◯ to select.

Note

- *When a profile is set, the icon which corresponds to the profile name is displayed in the stand-by screen:*

Normal:	*Is the default setup (not displayed in the stand-by screen).*
Activity:	*For use in busy environments.*
Car:	*For use in the car (connected to a hands free car kit for Bluetooth).*
Headset:	*For use with a headset (connected via Bluetooth).*
Silent:	*For use when silence is needed. All sounds are muted and you are alerted to calls with the vibrator.*

Tip

- *You can press and hold # for approximately 2 seconds instead of steps 1 and 2 to display the Profiles screen during stand-by.*

Customising Profiles

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Profiles”, then press ◯ to select.
3. Press ▲ or ▼ to highlight the profile you wish to customise, then press [Options].
4. Press ▲ or ▼ to highlight “Personalise”, then press ◯ or [Select] to select.
5. Press ▲ or ▼ to highlight the setting you wish to customise, then press ◯ to select.
6. Change the desired setting.
   For details about settings, see pages 137 to 141.
7. When you have finished, press [Save] to save the modifications.

Resetting Profile Settings

1. Perform steps 1 and 2 in “Customising Profiles”.
2. Press ▲ or ▼ to highlight the profile you wish to reset, then press [Options].
3. Press ▲ or ▼ to highlight “Set to Default”, then press ◯ or [Select] to select.
4. Enter your handset code, then press ◯.
5. Press [Yes].
   To cancel the resetting, press [No] in step 5.

Note

- *If you enter a wrong handset code in step 4, the screen returns to step 3.*

Ringer Volume

You can adjust the ringer volume to one of 6 levels or a step tone.

When it is set to “Silent”, the volume of applications is muted.

1. Perform steps 1 to 4 in “Customising Profiles” on page 136.
2. Press ▲ or ▼ to highlight “Ringer Volume”, then press ● to select.

   The current volume level is displayed.
3. Press ▲ to increase the ringer volume or press ▼ to decrease the ringer volume and then press ●.

   To select “Step Tone”, press ▲ at level 5.
   To select “Silent”, press ▼ at level 1.

Assigning Ringtone

You can select the ringtone from 28 tones including 5 patterns, 13 sound effects and 10 melodies. You can also select a sound in the handset memory as the default ringtone excluding the AMR/WAVE format.

1. Perform steps 1 to 4 in “Customising Profiles” on page 136.
2. Press ▲ or ▼ to highlight “Assign Ringtone”, then press ● to select.
3. Press ▲ or ▼ to highlight “Preset Sounds” or “My Sounds”, then press ● to select.
4. Press ▲ or ▼ to highlight the ringtone you wish to use.

   If you wish to hear the demo play, press ●.
   To stop playing, press ●.
5. When selection is complete, press [Options] to display the Options menu.
6. Press ▲ or ▼ to highlight “Assign”, then press ● or [Select] to select.

Note

- *If you delete a ringtone that uses a sound in the handset memory, the default ringtone is set.*

Vibration

When the vibrator option is set on, the phone will vibrate for incoming calls regardless of the ringer volume and tone settings.

1. Perform steps 1 to 4 in “Customising Profiles” on page 136.
2. Press ▲ or ▼ to highlight “Vibration”, then press ● to select.
3. Press ▲ or ▼ to highlight “Enable”, “Disable” or “Link to Sound”, then press ● to select.

Tip

- *When “Link to Sound” is selected in step 3, melodies are synchronised with the vibrator for the ringtone. However, this function may not work depending on the data.*
- *When you select “Enable” or “Link to Sound” in step 3, “ ” is displayed on the stand-by screen.*

Light Colour

You can select the light colour from 8 colours for each profile.

1. Perform steps 1 to 4 in “Customising Profiles” on page 136.
2. Press ▲ or ▼ to highlight “Light Colour”, then press ● to select.
3. Press ▲ or ▼ to highlight the desired light colour, then press ● to select.

Keypad Tones

When the keypad tone is set on, you will hear a confirmation tone each time you press any keys.

1. Perform steps 1 to 4 in “Customising Profiles” on page 136.
2. Press ▲ or ▼ to highlight “Keypad Tones”, then press ● to select.

3. Press ▲ or ▼ to highlight “On” or “Off”, then press ● to select.

   If you select “Off”, the screen returns to step 1.
4. Press ▲ or ▼ to highlight “Volume”, then press ● to select.
5. Press ▲ to increase the volume or press ▼ to decrease the volume, then press ●.
6. Press ▲ or ▼ to highlight “Tone”, then press ● to select.
7. Press ▲ or ▼ to highlight either “Preset Sounds”, “My Sounds” or “Default Tone”, then press ● to select.

If you select “Preset Sounds” or “My Sounds” in step 7, perform the following, otherwise go to step 9.

8. Select the keypad tone.

   For details on selecting a ringtone, see “Assigning Ringtone” on page 137.
9. Press ▲ or ▼ to highlight “Duration”, then press ● to select.
10. Press ▲ or ▼ to highlight the desired duration, then press ● to select.

Warning Tone

This function enables your phone to emit the warning tone when an error occurs.

1. Perform steps 1 to 4 in “Customising Profiles” on page 136.
2. Press ▲ or ▼ to highlight “Warning Tone”, then press ● to select.
3. Press ▲ or ▼ to highlight “On” or “Off”, then press ● to select.

   If you select “Off”, the screen returns to step 1.
4. Press ▲ or ▼ to highlight “Volume”, then press ● to select.
5. Press ▲ to increase the volume or press ▼ to decrease the volume, then press ●.
6. Press ▲ or ▼ to highlight “Tone”, then press ● to select.
7. Press ▲ or ▼ to highlight “Preset Sounds” or “My Sounds”, then press ● to select.
8. Select the warning tone.

   For details on selecting a ringtone, see “Assigning Ringtone” on page 137.
9. Press ▲ or ▼ to highlight “Duration”, then press ● to select.

10. Press ▲ or ▼ to highlight the duration, then press ● to select.

Power On/Off Sound

The phone can be set up to emit a sound when it is switched on or off. You can define the volume, duration and the melody to be used for this task.

1. Perform steps 1 to 4 in "Customising Profiles" on page 136.
2. Press ▲ or ▼ to highlight "Power On Sound" or "Power Off Sound", then press ● to select.
3. Press ▲ or ▼ to highlight "On" or "Off", then press ● to select.
   If you select "Off", the screen returns to step 1.
4. Press ▲ or ▼ to highlight "Volume", then press ● to select.
5. Press ▲ to increase the volume or press ▼ to decrease the volume and then press ●.
6. Press ▲ or ▼ to highlight "Sound", then press ● to select.
7. Press ▲ or ▼ to highlight "Preset Sounds" or "My Sounds", then press ● to select.
8. Select the ringtone.
   For details on selecting a ringtone, see "Assigning Ringtone" on page 137.
9. Press ▲ or ▼ to highlight "Duration", then press ● to select.
10. Enter the desired duration of the ringtone in 2 digits (01 to 10 seconds) using the digit keys, then press ●.

Message Alert

When receiving messages, special ringtones can be set.

1. Perform steps 1 to 4 in "Customising Profiles" on page 136.
2. Press ▲ or ▼ to highlight "Message Alert", then press ● to select.
3. Press ▲ or ▼ to highlight "Multimedia", "Text" or "WAP", then press ● to select.
4. Press ▲ or ▼ to highlight "Volume", then press ● to select.

5. Press ▲ to increase the volume or press ▼ to decrease the volume and then press ●.
6. Press ▲ or ▼ to highlight “Sound”, then press ● to select.
7. Press ▲ or ▼ to highlight “Preset Sounds” or “My Sounds”, then press ● to select.
8. Select the ringtone.

   For details on selecting a ringtone, see “Assigning Ringtone” on page 137.
9. Press ▲ or ▼ to highlight “Vibration”, then press ● to select.
10. Press ▲ or ▼ to highlight “Enable”, “Disable” or “Link to Sound”, then press ● to select.
11. Press ▲ or ▼ to highlight “Duration”, then press ● to select.
12. Enter the duration of ringtone in 2 digits (01 to 15 seconds) using the digit keys, then press ●.

Low Battery Alert

Adjust the volume of the alarm when the battery becomes low.

1. Perform steps 1 to 4 in “Customising Profiles” on page 136.
2. Press ▲ or ▼ to highlight “Low Battery Alert”, then press ● to select.
3. Press ▲ or ▼ to highlight “High”, “Low” or “Silent”, then press ●.

Any Key Answer

You can also answer a call by pressing any key except ⏻ or ↩ [Busy]. For details, see page 26.

1. Perform steps 1 to 4 in “Customising Profiles” on page 136.
2. Press ▲ or ▼ to highlight “Any Key Answer”, then press ● to select.
3. Press ▲ or ▼ to highlight “On” or “Off”, then press ● to select.

Contacts (M 8)

Call Log (M 8-3)

The phone will record the last 10 missed calls, received calls and dialled numbers.

Viewing Call Log

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Contacts", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Call Log", then press ◯ to select.
4. Press ▲ or ▼ to highlight "Missed Calls", "Received Calls" or "Dialled Numbers", then press ◯ to select.

   The selected call log list is displayed.
5. Press ▲ or ▼ to highlight the number you wish to view, then press ◯ to select.

   If you wish to dial the number, press ⌐.
   Call log "1" is the most recent. When you press ▼, call log "2" is displayed.
6. When you have finished viewing, press ⌐ [Back] to return to step 4.

Tip

- *You can also confirm call logs by pressing ⌐ during stand-by mode.*
- *You can switch between histories by pressing ◀ or ▶ in step 5 only when you enter by ⌐ in stand-by mode.*

Sending Messages

1. Perform steps 1 to 5 in "Viewing Call Log".
2. Press ▲ or ▼ to highlight the call log you wish to send, then press ◯ to select.

   The selected call record is displayed in detail.
3. Press ⌐ [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Create Message", then press ◯ or ⌐ [Select] to select.
5. Press ▲ or ▼ to highlight "Multimedia" or "Text", then press ◯ to select.
6. Enter your message.

   For details on creating a message, see "Creating a New MMS" on page 65 or "Creating a New SMS" on page 77.

Deleting a Call Log

To Delete a Single Call Log

1. Perform steps 1 to 5 in "Viewing Call Log" on page 142.
2. Press ▲ or ▼ to highlight the call log you wish to delete, then press ● to select.
   The selected call log is displayed in detail.
3. Press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Delete", then press ● or [Select] to select.
5. Press [Yes].
   The selected call log is deleted.
   To cancel deletion, press [No] in step 5.

Call Timers (M 8-3-4)

This function lets you check the duration of your calls.

Checking the Duration of the Last Call

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Contacts", then press ● to select.
3. Press ▲ or ▼ to highlight "Call Log", then press ● to select.
4. Press ▲ or ▼ to highlight "Call Timers", then press ● to select.
5. Press ▲ or ▼ to highlight "Received Calls" or "Dialled Numbers", then press ● to select.
6. Press ▲ or ▼ to highlight "Last Call", then press ● to select.
   The duration of the last call is now displayed.
7. When you have finished, press [Back] to return to call timers menu.

Checking the Total Call Time

1. Perform steps 1 to 4 in "Checking the Duration of the Last Call" on page 143.
2. Press ▲ or ▼ to highlight "Dialled Numbers", then press ● to select.
3. Press ▲ or ▼ to highlight "All Calls", then press ● to select.
4. When you have finished, press [Back].

Resetting All Call Timers

1. Perform steps 1 to 4 in "Checking the Duration of the Last Call" on page 143.
2. Press ▲ or ▼ to highlight "Clear Timers", then press ● to select.
3. Enter your handset code, then press ●.
4. Press [Yes].
   The Call Timers are reset to zero.
   To cancel resetting, press [No] in step 4.

Call Costs (M 8-3-5)

This function lets you check the charges for your calls.
Some networks do not support Charging Advice. Please check with your service provider for availability.

Checking the Cost of the Last Call

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Contacts", then press ● to select.
3. Press ▲ or ▼ to highlight "Call Log", then press ● to select.
4. Press ▲ or ▼ to highlight "Call Costs", then press ● to select.
5. Press ▲ or ▼ to highlight "Last Call", then press ● to select.
   The cost of the last call is now displayed.
6. When you have finished, press [Back] to return to call costs menu.

Checking the Total Call Cost

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 144.
2. Press ▲ or ▼ to highlight “All Calls”, then press ● to select.
3. When you have finished, press [Back].

Setting the Charge Rate

Set the charge rate to calculate the call cost and set the maximum limit for call cost.

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 144.
2. Press ▲ or ▼ to highlight “Cost Units”, then press ● to select.
3. Press ▲ or ▼ to highlight “Set Units”, then press ● to select.
4. Enter your PIN2 code, then press ●.
5. Enter a cost per unit, then press ●.
   To enter a decimal point, press #.
6. Enter a currency unit (up to 3 characters), then press ●.

Checking the Charge Rate

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 144.
2. Press ▲ or ▼ to highlight “Cost Units”, then press ● to select.
3. Press ▲ or ▼ to highlight “Read Units”, then press ● to select.
   The charge rate is now displayed.
4. When you have finished, press [Back].

Setting the Charge Limit

This function is useful if you wish to make sure you do not exceed a certain charge limit.

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 144.
2. Press ▲ or ▼ to highlight “Max Cost”, then press ● to select.
3. Press ▲ or ▼ to highlight “Set Limit”, then press ● to select.
4. Enter your PIN2 code, then press ●.
5. Enter a value, then press ●.
   To enter a decimal point, press #.

Checking the Charge Limit

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 144.
2. Press ▲ or ▼ to highlight “Max Cost”, then press ● to select.
3. Press ▲ or ▼ to highlight “Read Limit”, then press ● to select.
   The value of the charge limit is displayed.
4. When you have finished, press [Back].

Resetting All Call Costs

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 144.
2. Press ▲ or ▼ to highlight “Clear Costs”, then press ● to select.
3. Enter your PIN2 code, then press ●.
4. Press [Yes].
   The Call Costs are reset to zero.
   To cancel resetting, press [No] in step 4.

Checking the Residual Credit

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 144.
2. Press ▲ or ▼ to highlight “Residual Credit”, then press ● to select.
3. When you have finished, press [Back].

Data Counter (M 8-3-6)

You can confirm the amount of bytes which you used in the GPRS transmission.

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Contacts”, then press ● to select.
3. Press ▲ or ▼ to highlight “Call Log”, then press ● to select.
4. Press ▲ or ▼ to highlight “Data Counter”, then press ● to select.
5. Press ▲ or ▼ to highlight “Last Data” or “All Data”, then press ● to select.
   You can now check the amount of bytes.
6. When you have finished, press [Back].

Resetting All Data Counter

1. Perform steps 1 to 4 in “Data Counter”.
2. Press ▲ or ▼ to highlight “Clear Counter”, then press ● to select.
3. Press [Yes].
   The Data Counter is reset to zero.
   To cancel resetting, press [No] in step 3.

Speed Dial List (M 8-4)

You can view and perform other operations for phone numbers registered in the Speed Dial List.

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Contacts”, then press ● to select.
3. Press ▲ or ▼ to highlight “Speed Dial List”, then press ● to select.
   The names and phone numbers stored in the Speed Dial List are displayed in order.

Registering the Phone Numbers in the Speed Dial List

1. Perform steps 1 to 3 in “Speed Dial List”.
2. Press ▲ or ▼ to highlight the phone number you wish to register in the Speed Dial List.
3. Press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight “Assign” (or “Re-assign”), then press ● or [Select] to select.
5. Press ▲ or ▼ to highlight the name you wish to register in the Speed Dial List, then press ●.

Tip

- *You can select other options in step 4:*
  "Delete": Deletes the selected entry.
  "Clear All": Clears all registered entries.

My Numbers (M 8-5)

You can check your own voice, data and fax phone numbers.

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Contacts", then press ◯ to select.
3. Press ▲ or ▼ to highlight "My Numbers", then press ◯ to select.
4. Press ▲ or ▼ to highlight the phone number you wish to check from either "Voice", "Data" or "Fax", then press ◯ to select.

Note

- *"Data" or "Fax" may not be displayed depending on the SIM card.*

Settings (M 9)

Phone Settings (M 9-1)

Opening the Phone Settings Screen

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Settings", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Phone Settings", then press ◯ to select.
   The Phone Settings screen is displayed. The following settings can be made.

Changing the Language (M 9-1-1)

You can change the language that the phone uses to display messages.

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen".
2. Press ▲ or ▼ to highlight "Language", then press ◯ to select.
3. Press ▲ or ▼ to highlight the desired language, then press ◯ to select.

Tip

- *You can also change the input language on the text entry screen. (p. 33)*

Note

- *If you select "Automatic" in step 3, the language preset on the SIM card is selected.*
- *If the language preset on the SIM card is not supported, then the default language of the phone is selected.*

Date & Time (M 9-1-2)

You need to set the correct time and date in order for your phone's various time-based functions to work correctly.

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen".
2. Press ▲ or ▼ to highlight "Date & Time", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Set Date/Time", then press ◯ to select.
4. Enter the day, month, year and time using the digit keys, then press ◯.
   When you enter the time in the 12-hour format, press *+0 to switch between am and pm.
   The order in which the date and time is displayed is based on the format setting. See "To Select the Date Format".

To Select the Time System

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Date & Time", then press ● to select.
3. Press ▲ or ▼ to highlight "Clock Settings", then press ● to select.
4. Press ▲ or ▼ to highlight "Time Format", then press ● to select.
5. Press ▲ or ▼ to highlight "12 hour" or "24 hour", then press ● to select.

To Select the Date Format

The date format can be switched between "Day.Month.Year", "Month-Day-Year" or "Year/Month/Day".

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Date & Time", then press ● to select.
3. Press ▲ or ▼ to highlight "Clock Settings", then press ● to select.
4. Press ▲ or ▼ to highlight "Date Format", then press ● to select.
5. Press ▲ or ▼ to highlight "D.M.Y", "M-D-Y" or "Y/M/D", then press ● to select.

To Set the Clock Display

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149
2. Press ▲ or ▼ to highlight "Date & Time", then press ● to select.
3. Press ▲ or ▼ to highlight "Clock Settings", then press ● to select.
4. Press ▲ or ▼ to highlight "Display Format", then press ● to select.
5. Press ▲ or ▼ to highlight "Time Only", "Date Only" or "Date & Time", then press ● to select.

To set hide clock, select "Off" in step 5, then press ●.

To Set Daylight Saving Time

You can switch to daylight saving time without having to change the clock time itself.

1. Perform steps 1 to 3 in “Opening the Phone Settings Screen” on page 149.
2. Press ▲ or ▼ to highlight “Date & Time”, then press ● to select.
3. Press ▲ or ▼ to highlight “Clock Settings”, then press ● to select.
4. Press ▲ or ▼ to highlight “Daylight Saving”, then press ● to select.
5. Press ▲ or ▼ to highlight “On”, then press ● to select.

To Set the Time Zone

1. Perform steps 1 to 3 in “Opening the Phone Settings Screen” on page 149.
2. Press ▲ or ▼ to highlight “Date & Time”, then press ● to select.
3. Press ▲ or ▼ to highlight “Set Time Zone”, then press ● to select.
4. Press ▲ or ▼ to highlight “Change Zone”, then press ● to select.
5. Press ◀ or ▶ to set the home city, then press ●.

To Customise the Time Zone

1. Perform steps 1 to 3 in “Opening the Phone Settings Screen” on page 149.
2. Press ▲ or ▼ to highlight “Date & Time”, then press ● to select.
3. Press ▲ or ▼ to highlight “Set Time Zone”, then press ● to select.

4. Press ▲ or ▼ to highlight "Set Custom Zone", then press ● to select.
5. Enter the time-zone differences using the digit keys, then press ●.
   Each press of *+- switches – and +.

Setting the Main Display (M 9-1-3)

You can change the settings of the Main Display.

Wallpaper for the Main Display

For the stand-by screen of the main display, 3 pictures are provided.

Pictures taken with the digital camera or images downloaded from a WAP site can be used for wallpapers.

To Set Built-in Pictures of the Main Display

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Main Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Wallpaper", then press ● to select.
4. Press ▲ or ▼ to highlight "Preset Pictures", then press ● to select.
5. Press ▲ or ▼ to highlight the desired picture, then press ● to select.
   The selected picture is displayed.
6. Press ● to set.
   The selected picture is set.

Tip

- *To cancel the Wallpaper setting, select "Off" in step 4.*

To Set My Pictures for the Main Display

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Main Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Wallpaper", then press ● to select.
4. Press ▲ or ▼ to highlight "My Pictures", then press ● to select.
5. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ● to select.
   The file names of the pictures that are registered in the selected memory are displayed.

6. Press ▲ or ▼ to highlight the picture, then press ● to select.

   The selected picture is displayed.

7. Press ●.

8. Press ▲, ▼, ◀ or ▶ to specify the area you wish to display, then press ●.

   The selected picture is set.

Note

- *Some pictures cannot be used because of their picture and data types.*
- *Even if an animation is selected, the stand-by screen displays a still picture when you do not operate the phone for about 30 seconds (Differs according to the selected data).*

Backlight

You can turn the backlight of the main display on or off when you press the keypad or the optional cigarette lighter charger is connected to the phone.

You can change or specify the amount of time the backlight is on for, which will help conserve battery life.

Tip

- *When you purchase this phone, Backlight is set to 15 seconds.*

To Turn On/Off the Backlight

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Main Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Backlight", then press ● to select.
4. Press ▲ or ▼ to highlight "On/Off", then press ● to select.
5. Press ▲ or ▼ to highlight "On" to set backlight on or "Off" to set backlight off, then press ● to select.

When you select “On” in step 5:

6. Enter the duration of the backlight using 2 digits, then press ◯.

To Turn On/Off the Backlight whilst Charging with the Cigarette Lighter Charger

With this setting On, the phone’s backlight is on when the cigarette lighter charger is connected. (The backlight of the external display is on, when the phone is closed.)

1. Perform steps 1 to 3 in “Opening the Phone Settings Screen” on page 149.
2. Press ▲ or ▼ to highlight “Main Display”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Backlight”, then press ◯ to select.
4. Press ▲ or ▼ to highlight “In Car”, then press ◯ to select.
5. Press ▲ or ▼ to highlight “On” to set backlight on or “Off” to set backlight off, then press ◯.

Adjusting the Brightness of the Backlight

You can adjust the brightness of the backlight of the main display from 4 levels.

1. Perform steps 1 to 3 in “Opening the Phone Settings Screen” on page 149.
2. Press ▲ or ▼ to highlight “Main Display”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Brightness”, then press ◯ to select.
4. Press ▲ (Light) or ▼ (Dark) to adjust the brightness for maximum clarity.
5. Press ◯.

Note

- *The brightness of the backlight above does not affect the brightness of the external display.*

Setting the Display Saving

This phone's screen will automatically turn off after a given amount of time if the phone is left open. This is in order to conserve battery life.

You can change the time before the Display Saving will go into effect from between 2 and 20 minutes.

Tip

- *When you purchase this phone, Display Saving is set to 10 minutes.*

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Main Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Display Saving", then press ● to select.
4. Enter the time before Display Saving takes effect in two digits (02 to 20 minutes) using the digit keys, then press ●.

Note

- *Display Saving does not work whilst you are calling, using WAP, or using an application.*

To Cancel the Display Saving Function

The display saving continues until either a key is pressed or there is an incoming alert. The first key press only cancels the Display Saver. You must press another key in order to input any numerical or text value.

Setting the Greeting Message

You can set the message which will appear when the phone is turned on.

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Main Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Greeting Message", then press ● to select.
4. Press ▲ or ▼ to highlight "On", then press ● to select.
5. Enter the message, then press ●.

   Up to 16 characters can be stored as a message. For details on entering characters, see "Entering Characters" on page 32.

Tip

- *To cancel the Greeting Message setting, select "Off" in step 4.*

Assigning the Pictures

Pictures can be displayed when turning the power on or off, when receiving an incoming call, or when operating the alarm.

Pictures taken by a digital camera or images downloaded from a WAP site can be used.

To Set Built-in Pictures

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Main Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Assign Pictures", then press ● to select.
4. Press ▲ or ▼ to highlight the screen to set the picture, then press ● to select.
5. Press ▲ or ▼ to highlight "Animation 1" or "Animation 2", then press ● to select when you select "Power On" or "Power Off" in step 3.
   Or press ▲ or ▼ to highlight "Pattern 1" or "Pattern 2", then press ● to select when you select "Incoming" or "Alarm" in step 4.
   The selected animation or picture is displayed.
6. Press ● to set.

Tip

- *To cancel the picture setting, select "Default", then press ● in step 5.*

To Set My Pictures

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "Main Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Assign Pictures", then press ● to select.
4. Press ▲ or ▼ to highlight the screen to set the picture, then press ● to select.
5. Press ▲ or ▼ to highlight "My Pictures", then press ● to select.
6. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ● to select.
   The file name of the pictures that are registered in the selected memory is displayed.
7. Press ▲ or ▼ to highlight the picture, then press ● to select.
   The selected picture is displayed.
8. Press ▲, ▼, ◀ or ▶ to specify the area you wish to display, then press ●.

Note

- *Some pictures cannot be used because of their picture and data types.*

Setting the External Display (M 9-1-4)

You can change the settings of the external display.

To Turn On/Off the External Display

You can turn the external display on or off when the phone is closed.

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "External Display", then press ● to select.
3. Press ▲ or ▼ to highlight "LCD On/Off", then press ● to select.
4. Press ▲ or ▼ to highlight "On" to set external display on or "Off" to set external display off, then press ● to select.

Wallpaper for the External Display

For the stand-by screen of the external display, 3 pictures are provided.

Pictures taken with the digital camera or images downloaded from a WAP site can be used for wallpapers.

To Set Built-in Pictures of the External Display

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "External Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Wallpaper", then press ● to select.
4. Press ▲ or ▼ to highlight "Preset Pictures", then press ● to select.
5. Press ▲ or ▼ to highlight the desired picture, then press ● to select.
   The selected picture is displayed.
6. Press ● to set.
   The selected picture is set.

Tip

- *To cancel the Wallpaper setting, select "Off" in step 4.*

To Set My Pictures for the External Display

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "External Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Wallpaper", then press ● to select.
4. Press ▲ or ▼ to highlight "My Pictures", then press ● to select.
5. Press ▲ or ▼ to highlight "Handset Memory" or "Memory Card", then press ● to select.
   The file names of the pictures that are registered in the selected memory are displayed.
6. Press ▲ or ▼ to highlight the picture, then press ● to select.
   The selected picture is displayed.
7. Press ●.
8. Press ▲, ▼, ◀ or ▶ to specify the area you wish to display, then press ●.
   The selected picture is set.

Note

- *Some pictures cannot be used because of their picture and data types.*
- *Even if an animation is selected, the stand-by screen displays a still picture when you do not operate the phone for about 2 minutes.*
- *When an animation is set as the wallpaper of the external display, the battery consumes large amounts of power and stand-by time may be shortened. To use the battery for a long time, set a still picture for wallpaper for external display or set the wallpaper of the external display setting off.*

To Turn On/Off the Backlight of the External Display

You can turn the backlight of the external display on or off when the phone is closed.

You can also change or specify the duration of the external display backlight. When you purchase this phone, Backlight is set to 15 seconds.

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "External Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Backlight", then press ● to select.
4. Press ▲ or ▼ to highlight "On" to set backlight on or "Off" to set backlight off, then press ● to select.

When you select "On" in step 4:

5. Enter the duration of the backlight using 2 digits, then press ●.

To Adjust the LCD Contrast of the External Display

You may sometimes need to adjust the LCD contrast of the external display to suit certain lighting conditions.

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "External Display", then press ● to select.
3. Press ▲ or ▼ to highlight "LCD Contrast", then press ● to select.
4. Press ▲ (High) or ▼ (Low) to adjust the contrast for maximum clarity.

   LCD contrast can be adjusted to 9 levels.
5. Press ●.

To Set Incoming Indication

Illustrations can be displayed on the external display when receiving an incoming call.

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "External Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Incoming Indication", then press ● to select.
4. Press ▲ or ▼ to highlight an illustration from "Illustration 1" to "Illustration 4", then press ● to select.

   The selected picture is displayed.
5. Press ●.

To Display the Clock on the External Display

You can set the digital/analogue clock to be displayed on the external display.

1. Perform steps 1 to 3 in "Opening the Phone Settings Screen" on page 149.
2. Press ▲ or ▼ to highlight "External Display", then press ● to select.
3. Press ▲ or ▼ to highlight "Clock Display", then press ● to select.

4. Press ▲ or ▼ to highlight “Digital Clock 1” to “Digital Clock 3” or “Analogue Clock 1” to “Analogue Clock 3”, then press ● to select.
   The selected picture is displayed.
5. Press ●.

Note

- *The clock display setting for the external display depends on the setting in “To Set the Clock Display” on page 150.*

To Display Icons on the External Display

You can set to display icons on the external display.

1. Perform steps 1 to 3 in “Opening the Phone Settings Screen” on page 149.
2. Press ▲ or ▼ to highlight “External Display”, then press ● to select.
3. Press ▲ or ▼ to highlight “Icon Display”, then press ● to select.
4. Press ▲ or ▼ to highlight “On” to set icon display on or “Off” to set icon display off, then press ● to select.

Phone Setting Reset (M 9-1-5)

The phone settings can be reset to their default settings.

1. Perform steps 1 to 3 in “Opening the Phone Settings Screen” on page 149.
2. Press ▲ or ▼ to highlight “Set to Default”, then press ● to select.
3. Enter your handset code, then press ●.
4. Press ⌐ [Yes].
   To cancel resetting, press ¬ [No] in step 4.

Note

- *If you enter a wrong handset code in step 3, the operation is cancelled.*

Call Settings (M 9-2)

Set various types of functions and services.

Opening the Call Settings Screen

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Settings”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Call Settings”, then press ◯ to select.

   The Call Settings screen is displayed. The following settings can be made.

Call Waiting (M 9-2-1)

If you wish to be able to receive another incoming call whilst you have a call in progress, you must activate the Call Waiting service.

1. Perform steps 1 to 3 in “Opening the Call Settings Screen”.
2. Press ▲ or ▼ to highlight “Call Waiting”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “On” to activate the Call Waiting service or “Off” to deactivate it, then press ◯ to select.
4. Press ◯.

Note

- *The Call Waiting service may not be available on all mobile phone networks. Contact your network operator for more information.*

To Check the Call Waiting Service Status

1. Perform steps 1 to 3 in “Opening the Call Settings Screen”.
2. Press ▲ or ▼ to highlight “Call Waiting”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Status”, then press ◯ to select.

   Now you can check the status of the Call Waiting service.
4. Press ⌐ [Back].

Displaying Call Timers (M 9-2-2)

1. Perform steps 1 to 3 in "Opening the Call Settings Screen" on page 162.
2. Press ▲ or ▼ to highlight "Display Call Timers", then press ● to select.
3. Press ▲ or ▼ to highlight "On" or "Off", then press ● to select.

Showing Your Phone Number (M 9-2-3)

This lets you control whether to show your phone number when calling another party or not.

Some networks do not support this service. Please check with your service provider for availability.

1. Perform steps 1 to 3 in "Opening the Call Settings Screen" on page 162.
2. Press ▲ or ▼ to highlight "Show Your Number", then press ● to select.
3. Press ▲ or ▼ to highlight "On" to show your phone number or "Off" not to show your phone number, then press ● to select.

To Check the Show Your Number Status

1. Perform steps 1 to 3 in "Opening the Call Settings Screen" on page 162.
2. Press ▲ or ▼ to highlight "Show Your Number", then press ● to select.
3. Press ▲ or ▼ to highlight "Status", then press ● to select.

   Now you can check the status of the "Show Your Number".
4. Press ●.

Adjusting Earpiece Volume (M 9-2-4)

You can adjust the earpiece volume.

1. Perform steps 1 to 3 in "Opening the Call Settings Screen" on page 162.
2. Press ▲ or ▼ to highlight "Earpiece Volume", then press ● to select.
3. Press ▲ to increase the earpiece volume or press ▼ to decrease the earpiece volume, then press ●.

Picture Call (M 9-2-5)

The image registered to the caller in the Contacts List is displayed when receiving a call.

1. Perform steps 1 to 3 in "Opening the Call Settings Screen" on page 162.
2. Press ▲ or ▼ to highlight "Picture Call", then press ● to select.
3. Press ▲ or ▼ to highlight "On" or "Off", then press ● to select.

Auto Redial (M 9-2-6)

See "Automatic Redialling" on page 25 about this function.

Auto Answer (M 9-2-7)

Auto Answer function allows you to answer calls automatically by connecting the hands free car kit for Bluetooth to your phone via Bluetooth. You can select the desired time until your phone answers.

1. Perform steps 1 to 3 in "Opening the Call Settings Screen" on page 162.
2. Press ▲ or ▼ to highlight "Auto Answer", then press ● to select.
3. Press ▲ or ▼ to highlight the desired duration, then press ● to select.

   To disable the auto answer function, select "Off" in step 3.

Minute Minder (M 9-2-8)

Minute Minder function informs you of your talk time by sounding a tone after every minute.

1. Perform steps 1 to 3 in "Opening the Call Settings Screen" on page 162.
2. Press ▲ or ▼ to highlight "Minute Minder", then press ● to select.
3. Press ▲ or ▼ to highlight "On" or "Off", then press ● to select.

Call Setting Reset (M 9-2-9)

The call settings can be reset to their default settings.

1. Perform steps 1 to 3 in "Opening the Call Settings Screen" on page 162.
2. Press ▲ or ▼ to highlight "Set to Default", then press ● to select.
3. Enter your handset code, then press ●.
4. Press [Yes].

   To cancel resetting, press [No] in step 4.

Note

- *If you enter the wrong handset code in step 3, the operation is cancelled and the screen returns to step 3 in "Call Waiting" on page 162.*

Diverts (M 9-3)

This service is used to divert incoming calls to your voice mail system or to another number depending on certain conditions in which you cannot answer a call.

Diverting Calls

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Settings", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Diverts", then press ◯ to select.
4. Press ▲ or ▼ to highlight one of the divert options, then press ◯ to select.

The divert options available are:

- "All Calls": Diverts all voice calls without ringing.
- "When Busy": Diverts incoming calls when you are on a call.
- "No Answer": Diverts incoming calls if you do not answer a call within a certain period of time.
- "Not Reachable": Diverts incoming calls when your phone is out of network service or switched off.

5. Press ▲ or ▼ to highlight "On", then press ● to select.
6. If you wish to divert calls to a number which is located in the Contacts List, search for the desired Contacts List entry.

   Press ▲ or ▼ to display the Contacts List. Then press ▲ or ▼ to highlight the desired entry, then press ● to select. For details on searching the Contacts List entries, perform steps 1 to 4 in "Finding a Name and Number" on page 43.
7. If you wish to divert calls to a number which you can enter manually, enter the phone number.
8. Press ●.

If you select "No Answer" in step 4:

9. Press ▲ or ▼ to highlight the period of time from 6 levels (05 to 30 seconds), then press ● to select.

Note

- *When a divert is set to "All Calls", " " is displayed on the stand-by screen.*

Tip

- *If you select "By Service" in step 5, you can select further divert options in the selected option in step 4.*

Checking the Divert Status

1. Perform steps 1 to 3 in "Diverting Calls" on page 165.
2. Press ▲ or ▼ to highlight the divert option you wish to check, then press ● to select.
3. Press ▲ or ▼ to highlight "Status", then press ● to select.

   You can now check the status of the selected divert option.
4. When you have finished, press [Back].

Cancelling All Divert Settings (M 9-3-5)

1. Perform steps 1 to 3 in "Diverting Calls" on page 165.
2. Press ▲ or ▼ to highlight "Cancel All", then press ● to select.
3. Press [Yes].

   To cancel resetting, press [No] in step 3.
4. Press ●.

   All divert settings are cancelled.

To Cancel the Divert Settings Individually

1. Perform steps 1 to 3 in “Diverting Calls” on page 165.
2. Press ▲ or ▼ to highlight the divert option you wish to cancel, then press ● to select.
3. Press ▲ or ▼ to highlight “Off”, then press ● to select.
4. Press ●.
   The selected divert has been cancelled.

Memory Card (M 9-4)

Formatting Memory Cards (M 9-4-1)

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Settings”, then press ● to select.
3. Press ▲ or ▼ to highlight “Memory Card”, then press ● to select.
4. Press ▲ or ▼ to highlight “Format”, then press ● to select.
5. Enter your handset code, then press ●.
   A confirmation message is displayed.
6. Press [Yes].
   To cancel formatting, press [No] in step 6.
   When formatting is complete, a message is displayed.
7. Press ●.

Note

- *If you enter the wrong handset code in step 5, the operation is cancelled and the screen returns to step 4.*
- *If the card is locked, you will be requested to unlock it and then perform the aforementioned steps once again.*
- *If the card is damaged, it cannot be formatted.*

Viewing Memory Card Information (M 9-4-2)

You can see the card type (SD memory card or MMC), capacity, and used and free space of memory.

1. Perform steps 1 to 3 in "Formatting Memory Cards" on page 167.
2. Press ▲ or ▼ to highlight "Card Details", then press ● to select.
   If necessary, press ▲ or ▼ to scroll through the screen.
3. When viewing is complete, press [Back].

Connectivity (M 9-5)

By using this menu, you can connect your phone to a Bluetooth-enabled device via the Bluetooth connection, or to a PC via the Infrared connection or using a USB cable.

Using the Bluetooth Function

To turn the Bluetooth Function On or Off (M 9-5-1)

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Settings", then press ● to select.
3. Press ▲ or ▼ to highlight "Connectivity", then press ● to select.
4. Press ▲ or ▼ to highlight "Bluetooth", then press ● to select.
5. Press ▲ or ▼ to highlight "Bluetooth On/Off", then press ● to select.
6. Press ▲ or ▼ to highlight "On", then press ● to select.
   If the infrared setting has been activated, you will be asked whether you wish to deactivate it or not. Press [Yes].

7. Press [OK].

The Bluetooth setting is activated, and " " is displayed on the stand-by mode screen.

To search for Devices to be Paired

For using the Bluetooth function, you need to search for other Bluetooth devices to establish contact with your phone. The hands free headset and hands free car kit currently include the Bluetooth function. Keep your phone within a distance of 10 metres before searching.

1. Perform steps 1 to 4 in "Using the Bluetooth Function" on page 168.

2. Press or to highlight "Search for Devices", then press or [Select] to select.

The phone displays the following categories: "Headset", "Car Kit", and "All".

3. Press or to highlight the category you wish to search for, then press or [Select] to select.

The phone starts searching for devices within 10 metres. Devices found in the selected category are listed. If you select "All", the phone lists devices from all categories.

4. Press or to highlight the desired device for pairing, then press or [Select] to select.

If you want to search in other categories, repeat step 3.

5. Enter your passcode, then press [OK].

Note

- *If the Bluetooth function is off before searching in step 2, the phone turns the Bluetooth on automatically and starts searching.*
- *If the infrared function is active, the confirmation screen to deactivate the infrared function is displayed in step 3. Press [Yes] to deactivate.*
  Only the car kits and headsets can be selected in the "All" category list in step 3.
- *You can only select one device for pairing. To change the paired device, see "Paired Devices" on page 170.*

Paired Devices

You can activate, rename, and delete the paired device in the list. For activating the paired device, perform the following steps.

1. Perform steps 1 to 4 in "Using the Bluetooth Function" on page 168.
2. Press ▲ or ▼ to highlight "Paired Devices", then press ● or [Select] to select.
3. Press ▲ or ▼ to highlight the device you wish to pair, then press [Options] to display the Options menu.
4. Press ▲ or ▼ to highlight "Activate", then press ● or [Select] to select.

Tip

- *To activate the paired device, press ▲ or ▼ to highlight other device name after step 2, then press ● or [Select] to select.*
- *You can save battery power by turning the Bluetooth off whilst it is not in use. Turn the Bluetooth function off in "To turn the Bluetooth Function On or Off" on page 168.*
- *During a call, you can divert voice call to the paired Bluetooth device. Press [Options], then press ▲ or ▼ to highlight "Enable Bluetooth", then press ● to select.*
- *To rename a device, press ▲ or ▼ to highlight "Change Name" in step 4, then press ● or [Select] to select. Rename the device, then press [OK].*
- *To clear one or all device names, press ▲ or ▼ to highlight "Delete" in step 4. Press ▲ or ▼ to highlight "One Device" to delete a device name or "All Devices" to delete all device names, then press ● to select.*
  Then press [Yes] or [No].

Using the Infrared Function (For Modem)

To Turn the Infrared Function On or Off (M 9-5-2)

Via the Infrared connection, you can use your phone as a modem. To use the USB cable, see "Selecting the Connection Method".

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Settings", then press ● to select.
3. Press ▲ or ▼ to highlight "Connectivity", then press ● to select.
4. Press ▲ or ▼ to highlight "Modem via Infrared", then press ● to select.
5. Press ▲ or ▼ to highlight "On", then press ● to select.
   "" will appear on the screen.
   The infrared setting will return to off when no data is transmitted/received via infrared communication.

Selecting the Connection Method

PC Software (M 9-5-3)

By connecting your phone to a PC, you can transmit pictures, sounds, video clips, and Contacts List entries. Follow the procedure to select the connection method (USB or Infrared connection). For details on how to get the link software, see page 187.

1. Press ● to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Settings", then ● to select.
3. Press ▲ or ▼ to highlight "Connectivity", then press ● to select.
4. Press ▲ or ▼ to highlight "PC Software", then press ● to select.
5. Press ▲ or ▼ to highlight "Data Cable" for cable connection or "Infrared" for infrared link, then press ● to select.

Internet Settings (M 9-6)

WAP/MMS Settings

WAP settings and MMS settings can perform following various setups, respectively. In normal operation, you do not need to change these settings.

WAP Settings (M 9-6-1)

Item	Description	Operation
Profile Name*	WAP Profile Name (Unique Name)	Press ▲ or ▼ to highlight "Profile Name" and press ● to select. Enter the desired strings and press ●.
IP Address*	IP address	Press ▲ or ▼ to highlight "IP Address" and press ● to select. Enter IP address for WAP and press ●.
Homepage	Homepage	Press ▲ or ▼ to highlight "Homepage" and press ● to select. Enter Homepage URL, if needed, and press ●.
Port Number*	Security Option	Press ▲ or ▼ to highlight "Port Number" and press ● to select. Enter Port Number (1024-65535) and press ●.
Circuit Prompt	Circuit Prompt	Press ▲ or ▼ to highlight "Circuit Prompt" and press ● to select. Press ▲ or ▼ to highlight "Enable" or "Disable" and press ● to select.
Connection Type	Bearer Connection Type	Press ▲ or ▼ to highlight "Connection Type" and press ● to select. Press ▲ or ▼ to highlight "GPRS Then CSD", "GPRS" or "CSD" and press ● to select.
GPRS Settings (If "GPRS Then CSD" or "GPRS" is selected as connection type, they should be set)		

Item	Description	Operation
APN*	Access Point Name	Press ▲ or ▼ to highlight “APN” and press ● to select. Enter Access Point Name and press ●.
Username	User Name	Press ▲ or ▼ to highlight “Username” and press ● to select. Enter User Name and press ●.
Password	Password	Press ▲ or ▼ to highlight “Password” and press ● to select. Enter Password and press ●.
Linger Time	Linger Time	Press ▲ or ▼ to highlight “Linger Time” and press ● to select. Enter time in seconds (0-99999) and press ●.
CSD Settings (If “GPRS Then CSD” or “CSD” is selected as connection type, they should be set)		

Item	Description	Operation
Phone No.*	Access Point Number	Press ▲ or ▼ to highlight “Phone No.” and press ● to select. Enter Access Point Number and press ●.
Line Type	ISDN or Analogue	Press ▲ or ▼ to highlight “Line Type” and press ● to select. Press ▲ or ▼ to highlight “ISDN” or “Analogue” and press ● to select.
Username	User Name	Press ▲ or ▼ to highlight “Username” and press ● to select. Enter User Name and press ●.
Password	Password	Press ▲ or ▼ to highlight “Password” and press ● to select. Enter Password and press ●.

Item		Description	Operation
	Linger Time	Linger Time	Press ▲ or ▼ to highlight “Linger Time” and press ● to select. Enter time in seconds (0-99999) and press ●.

*: Item to be set as mandatory.

MMS Settings (M 9-6-2)

Item	Description	Operation
Profile Name*	MMS Profile Name (Unique Name)	Press ▲ or ▼ to highlight “Profile Name” and press ● to select. Enter the desired strings and press ●.
IP Address*	IP address	Press ▲ or ▼ to highlight “IP Address” and press ● to select. Enter IP address for MMS and press ●.
Relay Server URL*	MMS Relay Server	Press ▲ or ▼ to highlight “Relay Server URL” and press ● to select. Enter URL of the Relay Server and press ●.

Item	Description	Operation
Port Number*	Security Option	Press ▲ or ▼ to highlight “Port Number” and press ● to select. Enter Port Number (1024-65535) and press ●.
Connection Type	Bearer Connection Type	Press ▲ or ▼ to highlight “Connection Type” and press ● to select. Press ▲ or ▼ to highlight “GPRS Then CSD”, “GPRS” or “CSD” and press ● to select.
GPRS Settings (If “GPRS Then CSD” or “GPRS” is selected as connection type, they should be set)		
APN*	Access Point Name	Press ▲ or ▼ to highlight “APN” and press ● to select. Enter Access Point Name and press ●.
Username	User Name	Press ▲ or ▼ to highlight “Username” and press ● to select. Enter User Name and press ●.
Password	Password	Press ▲ or ▼ to highlight “Password” and press ● to select. Enter Password and press ●.
Linger Time	Linger Time	Press ▲ or ▼ to highlight “Linger Time” and press ● to select. Enter time in seconds (0-99999) and press ●.
CSD Settings (If “GPRS Then CSD” or “CSD” is selected as connection type, they should be set)		
Phone No.*	Access Point Number	Press ▲ or ▼ to highlight “Phone No.” and press ● to select. Enter Access Point Number and press ●.

	Item	Description	Operation
	Line Type	ISDN or Analogue	Press ▲ or ▼ to highlight “Line Type” and press ● to select. Press ▲ or ▼ to highlight “ISDN” or “Analogue” and press ● to select.
	Username	User Name	Press ▲ or ▼ to highlight “Username” and press ● to select. Enter User Name and press ●.
	Password	Password	Press ▲ or ▼ to highlight “Password” and press ● to select. Enter Password and press ●.

	Item	Description	Operation
	Linger Time	Linger Time	Press ▲ or ▼ to highlight “Linger Time” and press ● to select. Enter time in seconds (0-99999) and press ●.

*: Item to be set as mandatory.

To Set Up Your Account Information

This information should be supplied by your Internet service provider.

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Settings”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Internet Settings”, then press ◯ to select.
4. Press ▲ or ▼ to highlight “WAP Settings” or “MMS Settings”, then press ◯ to select.
5. Press ▲ or ▼ to highlight the profile name you wish to edit, then press ⌓ [Options].
6. Press ▲ or ▼ to highlight “Edit”, then press ◯ or ⌓ [Select] to select.
7. Press ▲ or ▼ to highlight the item you wish to edit, then press ◯ to select.
8. Edit each item.

To Select Network Connection Profile

1. Perform steps 1 to 4 in “To Set Up Your Account Information”.
2. Press ▲ or ▼ to highlight the profile name to use, then press ◯ to select.

Network Settings (M 9-7)

Opening the Network Settings Screen

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Settings”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Network Settings”, then press ◯ to select.

   The Network Settings screen is displayed. The following settings can be made.

Selecting a Network Automatically (M 9-7-1)

Each time the power is turned on, your phone always tries to connect to the preferred network.

If your phone is not connected to the network, you can perform the following immediately to establish the preferred network connection.

1. Perform steps 1 to 3 in “Opening the Network Settings Screen”.
2. Press ▲ or ▼ to highlight “Select Network”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Automatic”, then press ◯ to select.

To Set the Network Manually

Perform the following if you wish to connect to the networks other than the preferred network which is automatically connected to.

1. Perform steps 1 to 3 in “Opening the Network Settings Screen”.
2. Press ▲ or ▼ to highlight “Select Network”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Manual”, then press ◯ to select.
4. Press ▲ or ▼ to highlight the network from the list, then press ◯ to select.

Adding a New Network

1. Perform steps 1 to 3 in “Opening the Network Settings Screen”.
2. Press ▲ or ▼ to highlight “Select Network”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Add New Network”, then press ◯ to select.
4. If there is no entry, perform the following step. If there is an entry, press ◯, then go to step 5.
5. Press ▲ or ▼ to highlight “Add”, then press ◯ to select.

6. Enter the country code, then press ◯.
7. Enter the network code, then press ◯.
8. Enter a new network name and press ◯.

Editing the Preferred List

To Change the Position of a Network in the Preferred List

1. Perform steps 1 to 3 in "Opening the Network Settings Screen" on page 178.
2. Press ▲ or ▼ to highlight "Select Network", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Set Preferred", then press ◯ to select.
4. Press ▲ or ▼ to highlight the name of the network to change the position from the list, then press ◯ to select.
5. Press ▲ or ▼ to highlight "Insert" or "Add to end", then press ◯ to select.

To Delete a Network from the Preferred List

1. Perform steps 1 to 3 in "Opening the Network Settings Screen" on page 178.
2. Press ▲ or ▼ to highlight "Select Network", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Set Preferred", then press ◯ to select.
4. Press ▲ or ▼ to highlight the name of the network to delete, then press ◯ to select.
5. Press ▲ or ▼ to highlight "Delete", then press ◯ to select.

Changing the Network Password (M 9-7-2)

1. Perform steps 1 to 3 in "Opening the Network Settings Screen" on page 178.
2. Press ▲ or ▼ to highlight "Change Password", then press ◯ to select.
3. Enter the old password, then press ◯.
4. Enter a new password, then press ◯.
5. Enter a new password again, then press ◯.
   If you enter the incorrect password in step 5, the screen will return to step 2 and you are asked to enter the password again.
6. Press ◯.

Security (M 9-8)

Opening the Security Screen

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight "Settings", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Security", then press ◯ to select.

   The Security screen is displayed. The following settings can be made.

Enabling/Disabling the PIN Code (M 9-8-1)

If the PIN code is enabled you are asked to enter the PIN code each time the phone is switched on. Your PIN code is stored on the SIM card and you should have been made aware of the code when you purchased the SIM card. Contact your service provider for further details.

1. Perform steps 1 to 3 in "Opening the Security Screen".
2. Press ▲ or ▼ to highlight "PIN Entry", then press ◯ to select.
3. Press ▲ or ▼ to highlight "On" or "Off", then press ◯ to select.
4. Enter your PIN code, then press ◯.
5. Press ◯.

Note

- *If you enter the wrong PIN code three times in step 4, the SIM card will lock. To remove the lock, contact your service provider/SIM card vendor.*

To Change PIN Code

This allows you to change the PIN code stored on the SIM card. Before you change the PIN code, select "On" in step 5 in "Enabling/Disabling the PIN Code".

1. Perform steps 1 to 3 in "Opening the Security Screen".
2. Press ▲ or ▼ to highlight "PIN Entry", then press ◯ to select.
3. Press ▲ or ▼ to highlight "Change PIN", then press ◯ to select.
4. Enter the existing PIN code, then press ◯.
5. Enter a new PIN code, then press ◯.
6. Enter a new PIN code again, then press ◯.

   If you enter a code different from the code which you entered in step 6, the screen returns to step 5. Enter the correct code again.
7. Press ◯.

Handset Lock (M 9-8-2)

The Handset Lock is an additional security feature which prevents unauthorised use of the phone or certain features. The default handset lock code is "0000".

1. Perform steps 1 to 3 in "Opening the Security Screen" on page 180.
2. Press ▲ or ▼ to highlight "Handset Lock", then press ● to select.
3. Press ▲ or ▼ to highlight "On" or "Off", then press ● to select.
4. Enter your handset code, then press ●.

   If you enter an incorrect handset code, the screen will clear and you are prompted to enter the code again.

To Change Handset Code

Before you change the handset code, select "On" in step 3 in "Handset Lock". The default handset code is "0000".

1. Perform steps 1 to 3 in "Opening the Security Screen" on page 180.
2. Press ▲ or ▼ to highlight "Handset Lock", then press ● to select.
3. Press ▲ or ▼ to highlight "Change Code", then press ● to select.
4. Enter the old handset code, then press ●.
5. Enter a new handset code, then press ●.
6. Enter the new handset code again, then press ●.

   If you enter a code different from the code which you entered in step 5, the screen returns to step 4. Enter the correct code again.

Changing PIN2 Code (M 9-8-3)

PIN2 code is used to protect certain functions in the phone such as Fixed Dialling No. and call cost limits. The following shows you how to change PIN2 code.

1. Perform steps 1 to 3 in "Opening the Security Screen" on page 180.
2. Press ▲ or ▼ to highlight "Change PIN2", then press ● to select.
3. Enter the existing PIN2 code, then press ●.
4. Enter a new PIN2 code, then press ●.
5. Enter the new PIN2 code again, then press ●.

   If you enter a code different from the code which you entered in step 5, the screen returns to step 4. Enter the correct code.
6. Press ●.

Call Barring (M 9-8-4)

This function lets you place restrictions on incoming and outgoing calls. To activate Call Barring you will need the call barring password, which is available from your service provider.

1. Perform steps 1 to 3 in "Opening the Security Screen" on page 180.
2. Press ▲ or ▼ to highlight "Call Barring", then press ● to select.
3. Press ▲ or ▼ to highlight call barring option, then press ● to select.

The call barring functions available are:

- "Bar Foreign Calls": Restricts all outgoing international calls.
- "Only Local & Home": Restricts all outgoing international calls except to your home country.
- "Bar Incoming Calls": Restricts all incoming calls.
- "Bar Inc if Abroad": Restricts all incoming calls when you are outside of the coverage from your registered network operator.
- "Bar Outgoing Calls": Restricts all outgoing calls except emergency calls.

4. Press ▲ or ▼ to highlight one of the call barring options, then press ● to select.

The call barring options available are:

- "All services": Restricts all services.
- "Voice Calls": Restricts all voice calls.
- "Data": Restricts all data calls.
- "Fax": Restricts all fax calls.
- "Messages": Restricts all messages.
- "All except msgs": Restricts all services except messages.

5. Press ▲ or ▼ to highlight "On", then press ● to select.

   If you select "Off", the selected call barring setting is cancelled.
   If you select "Status", you can check the status of the selected call barring option.
   When you finish the confirmation, press [Back].

6. Enter the network password, then press ◯.
   To change the network password, see “Changing the Network Password” on page 179.
7. Press ◯.
   The selected call barring function is activated.
   If you enter a wrong network password, the entered password is cleared. Enter the correct the password.

To Cancel All Call Barring Settings

1. Perform steps 1 to 3 in “Opening the Security Screen” on page 180.
2. Press ▲ or ▼ to highlight “Call Barring”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Cancel All”, then press ◯ to select.
4. Enter the network password, then press ◯.
5. Press ◯.
   All call barring settings are cancelled.

To Cancel the Call Barring Setting Individually

1. Perform steps 1 to 3 in “Opening the Security Screen” on page 180.
2. Press ▲ or ▼ to highlight “Call Barring”, then press ◯ to select.
3. Press ▲ or ▼ to highlight the call barring option, then press ◯ to select.
4. Press ▲ or ▼ to highlight the call barring option you wish to cancel, then press ◯ to select.
5. Press ▲ or ▼ to highlight “Off”, then press ◯ to select.
6. Enter the Barring password, then press ◯.
   The selected call barring setting is cancelled.

Fixed Dialling No. (M 9-8-5)

When the Fixed Dialling No. is enabled, you can only call predefined numbers.

To Enable Fixed Dialling No.

1. Perform steps 1 to 3 in “Opening the Security Screen” on page 180.
2. Press ▲ or ▼ to highlight “Fixed Dialling No.”, then press ◯ to select.
3. Enter a PIN2 code, then press ◯.
4. Press ▲ or ▼ to highlight “Settings”, then press ◯ to select.
5. Press ▲ or ▼ to highlight “On”, then press ◯ to select.
   If you select “Off”, Fixed Dialling No. is disabled.

To Add a New Name

1. Perform steps 1 to 3 in “Opening the Security Screen” on page 180.
2. Press ▲ or ▼ to highlight “Fixed Dialling No.”, then press ● to select.
3. Enter a PIN2 code, then press ●.
4. Press ▲ or ▼ to highlight “Edit Dial List”, then press ● to select.
5. Press [Options] to display the Options menu.
6. Press ▲ or ▼ to highlight “Add New Contact”, then press ● or [Select] to select.
7. Add a name and a phone number.

   For details on adding a name and a phone number, see “Add New Contact” on page 39.
8. Press [Save] to save.

To Search a Registered Name

1. Perform steps 1 to 3 in “Opening the Security Screen” on page 180.
2. Press ▲ or ▼ to highlight “Fixed Dialling No.”, then press ● to select.
3. Enter a PIN2 code, then press ●.
4. Press ▲ or ▼ to highlight “Edit Dial List”, then press ● to select.
5. Press [Options] to display the Options menu.
6. Press ▲ or ▼ to highlight “Search”, then press ● to select.
7. Search for the desired name.

   For details on searching a name, perform steps 1 to 4 in “Finding a Name and Number” on page 43.

To Edit a Registered Name

1. Perform steps 1 to 3 in “Opening the Security Screen” on page 180.
2. Press ▲ or ▼ to highlight “Fixed Dialling No.”, then press ● to select.
3. Enter a PIN2 code, then press ●.
4. Press ▲ or ▼ to highlight “Edit Dial List”, then press ● to select.

5. Press ▲ or ▼ to highlight a name you wish to edit, then press [Options] to display the Options menu.
6. Press ▲ or ▼ to highlight "Edit", then press ● or [Select] to select.
7. Edit the selected name.
   For details on editing a name, see "Editing Contacts List Entries" on page 44.

To Delete a Registered Name

1. Perform steps 1 and 3 in "Opening the Security Screen" on page 180.
2. Press ▲ or ▼ to highlight "Fixed Dialling No.", then press ● to select.
3. Enter a PIN2 code, then press ●.
4. Press ▲ or ▼ to highlight "Edit Dial List", then press ● to select.
5. Press ▲ or ▼ to highlight a name you wish to delete, then press [Options] to display the Options menu.
6. Press ▲ or ▼ to highlight "Delete", then press ● or [Select] to select.
7. Press [Yes].
   The selected name is deleted.
   To cancel deletion, press [No] in step 7.

Master Reset (M 9-9)

All settings can be reset to their default settings.

1. Press ◯ to display the Main menu.
2. Press ▲, ▼, ◀ or ▶ to highlight “Settings”, then press ◯ to select.
3. Press ▲ or ▼ to highlight “Master Reset”, then press ◯ to select.
4. Enter your handset code, then press ◯.
5. Press [Yes].

   To cancel resetting, press [No] in step 5.

   All settings are reset.

Note

- *If you enter a wrong handset code in step 4, the operation is cancelled.*

Connecting GX30 to Your PC

You can use the following functions by connecting the GX30 to your PC using an infrared port or USB port*:

- GSM/GPRS modem
- Handset Manager for GX30

* Requires an optional USB data cable XN-1DC30 for USB port connection.

System Requirements

Operating System: Windows® 98*, Windows® Me, Windows® 2000**, Windows® XP

* Windows® 98 Second Edition, Windows® 98 with Internet Explorer 5.01 or later

**Service Pack 3

Interface: Infrared port or USB port

CD-ROM drive

GSM/GPRS Modem

You can use GX30 as a GSM/GPRS modem to access the Internet from your PC.

To use the modem function via the Infrared connection, see “Using the Infrared Function (For Modem)” on page 171 and turn the modem function on. For details, see the instructions on the CD-ROM accompanying your phone.

For details on software support, refer to the following site:

http://www.sharp-mobile.com

Handset Manager

You can transmit picture, sound and video clip, and Contacts List entries between your phone and your PC, and can use Contacts List entries on your PC.

To use the Handset Manager function, see “Selecting the Connection Method” on page 171 and set your phone to Data Transfer mode.

For details on software support, refer to the following site:

http://www.sharp-mobile.com

Software Installation

1. Insert the supplied CD-ROM into your CD-ROM drive.

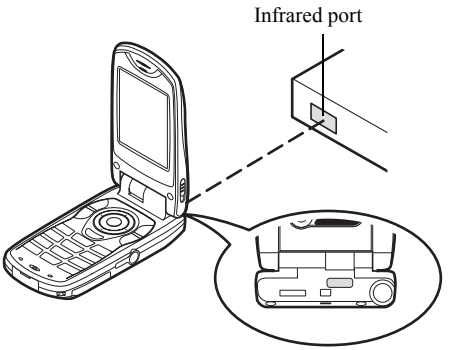
   The GX30 CD-ROM screen is displayed.
   If the GX30 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.
2. Press the desired button.

   The installation starts.
3. Follow the on-screen instructions to complete installation.

Note

Infrared communication

- *Infrared ports need to be aligned with each other.*



- *Infrared ports need to be placed within 20 cm of each other and within a 30° angle.*
- *It is not recommended that you make or answer a call during data transmission. The operation may be interrupted.*

GSM/GPRS modem

- *It is not recommended that you make or answer calls when you are using GX30 as a GSM/GPRS modem. The operation may be interrupted.*
- *When transmitting data via infrared communication, you need to set the infrared setting to "On". (p. 168)*

Handset Manager

- *Some large files may not be able to be transmitted from the PC to the phone.*
- *When connecting your phone to a PC, you need to select the connection method for PC Software. (p. 171)*

Troubleshooting

Problem	Solution
The phone does not turn on.	• Make sure the battery is properly inserted and charged.
PIN code or PIN2 code is rejected.	• Make sure you have entered the correct code (4 to 8 digits). • Your SIM card/protected functions will become locked after 3 unsuccessful attempts. • Contact your SIM provider if you do not have the correct PIN code.
The SIM card becomes locked.	• Enter PUK code (8 digits) provided by your service provider (if supported). • If the attempt is successful, enter the new PIN code and confirm your phone is operational again. Otherwise contact your dealer.
The display is difficult to read.	• Adjust the backlight brightness for the main display, and adjust the LCD contrast for the external display.
Phone functions do not work after the phone is turned on.	• Check the radio signal strength indicator as you may be outside the service area. • Check to see if any error message is displayed when you turn your phone on. If so, contact your dealer. • Make sure the SIM card is correctly inserted.
Calls cannot be made or received.	• If the message “SIM Card Error” is displayed at start-up, you cannot use your SIM card or the SIM card is damaged. Contact your dealer or network service provider. • Check your call barring, fixed dialling setting, remaining battery and call forwarding settings. • Check if your phone is currently performing data communication using Infrared (IrDA) or a data cable. • Check the remaining balance if you are using a pre-paid SIM card.

Problem	Solution
Call quality is poor.	• Your current location may not provide good call quality (i.e., in a car or train). Move to a location where radio signal strength is greater.
Cannot access network service.	• Check where your account has been registered and where the service is available.
Cannot send or receive Text Message.	• Make sure you are correctly subscribed for the Short Message Service, that the network supports this service, and that the centre number is set up correctly. If not, contact your network service provider.
Cannot connect to Multimedia Message service provider.	• MMS settings and configuration may be missing or incorrect or the network does not support it. Check your service provider's access point number. Contact your service provider to confirm the correct settings.

Problem	Solution
Limited memory available.	• Delete any unnecessary data.
Call is terminated unexpectedly.	• Magnetised objects such as health necklaces placed near the phone may terminate the call. Keep your phone away from such objects.
No entries are displayed in the Contacts List	• Confirm that the Contacts Location setting (Handset or SIM) and View Groups setting are made correctly.
Fax transmission failure	• Before transmitting fax data, configure your fax software to use the software flow control. • Use of the optional data cable is recommended for transmitting fax data.

Safety Precautions and Conditions of Use

Your phone conforms to international regulations insofar as it is used under normal conditions and in accordance with the following instructions.

CONDITIONS OF USE

Electromagnetic waves

- Do not switch on your phone aboard an aircraft (as your phone may interfere with the aircraft's electronic systems). Current legislation forbids this use and legal action can be taken against the user.
- Do not switch on your phone in a hospital, except in designated areas.
- Use of your phone's function may affect the performance of medical electronic units (pacemakers, hearing aids, insulin pumps, etc.). When the phone function is on, do not bring it near medical equipment or into areas in which medical equipment is being used. If you have a hearing aid or a pacemaker, only use the phone on the opposite side of your body from where it is located. The phone should be kept at least 6 inches (15.24 cm) from a pacemaker ANYTIME the phone is switched on.
- Do not switch on your phone near gas or flammable substances.
- Observe the rules concerning the use of mobile phones at gasoline stations, chemical plants and at all sites where a risk of explosion exists.

Caring for your phone

- Do not allow children to use your phone without supervision.
- Do not open or attempt to repair your phone yourself. The product can only be repaired by authorised service personnel.
- Do not drop your phone or subject it to severe impacts. Bending the body and pushing the display or keys with extreme force could damage the phone.
- Do not use solvents to clean your phone. Use only a soft, dry cloth.
- Do not carry your phone in your back pocket as it could break when you sit down. The display is made of glass and is particularly fragile.
- Avoid touching the external connector on the underside of the phone, since the delicate components within can be damaged by static electricity.

Battery

- Use your phone only with batteries, chargers and accessories recommended by the manufacturer. The manufacturer disclaims any liability for damage caused by the use of other chargers, batteries or accessories.
- **Network configuration and phone usage will affect talk-time and stand-by time.** Using the games or camera will hasten battery consumption.
- **When the battery charging alert is displayed on the screen, charge the battery as soon as possible.** If you continue using your phone ignoring the alert, the phone may cease to function, and all data and settings you have stored may be lost at any moment.
- Before removing the battery from the phone, make sure the phone is switched off.
- Replace and charge the new battery as soon as possible after removing the old one.
- Do not touch the battery terminals. Batteries can cause damage, injury or burns if a conductive material touches exposed terminals. When the battery is detached from the phone, use a cover made of non-conductive material for keeping and carrying the battery safely.
- Recommended temperature for using and storing batteries is approximately 20°C.
- The batteries' performance is limited in low temperatures, particularly below 0°C and the phone may not work temporarily regardless of the amount of remaining battery power.
- Exposing the phone to extreme temperatures will shorten battery life.
- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and stand-by time) is noticeably shorter than normal, it is time to buy a new battery.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE,
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

See "Battery Disposal" on page 14.

Memory Card

- Do not remove or insert a memory card whilst data on the card is being edited. Do not turn off the handset or device containing the memory card whilst data on the card is being edited as this may damage the data or cause the card to stop functioning correctly.
- Data maybe lost under the following circumstances.
- If the handset is dropped, or shook, or force is applied whilst the memory card is inserted.
- When the handset is used in areas that are exposed to static electricity or electric noise.
- Backup your important data in case data on the SD cards are lost due to malfunctions.
- Do not touch the metal terminals with your hands or metal objects.
- Do not bend the memory card or subject it to violent impact. Keep it away from water and high temperatures.
- SHARP holds no responsibility for the loss or damage of data contained on a memory card.
- Keep all memory cards out of the reach of small children.

Aerial Care

- Do not touch the aerial unnecessarily, whilst using the mobile phone. If it is held, call quality may be hindered leading to shortened talk-time and stand-by time because the mobile phone may have to operate on a higher power level than is necessary.
- Use only the aerial supplied or one approved by Sharp for your mobile phone. Using unauthorised or modified aerials may damage the mobile phone. Moreover, since the mobile phone may violate the appropriate regulations, it may lose performance or exceed the limitation of SAR levels.
- To avoid impaired performance, do not damage the aerial of the mobile phone.
- Whilst talking directly to the microphone, please hold the mobile phone so that the aerial is upwards over your shoulder.
- To avoid interfering with blasting operations, please turn off the mobile phone in a blasting area or in a place where a “turn off two-way radio” sign is posted.

Camera Operation

- Learn picture quality, file formats, etc. beforehand.

  The display supports up to 65,536 colours.

  The taken pictures can be saved in JPEG format (JPEG high-colour).
- Be careful not to move your hand whilst taking pictures.

  If the phone moves whilst taking a picture, the picture can be blurred. When taking a picture, hold the phone firmly to prevent it from moving, or use the delay timer.
- Clean the lens cover before taking a picture.

  Fingerprints, oils, etc. on the lens cover hinder clear focusing. Wipe them off with a soft cloth before taking a picture.

Others

- As with any electronic storage unit, data may be lost or corrupted under various circumstances.
- Before connecting the phone with a PC or a peripheral unit, read the operation manual for the other unit carefully.
- If the phone's battery has been removed for some time, or the phone has been reset, the unit's clock and calendar may be reinitialised. The date and time should be updated in this case.
- Use only the attached handsfree kit. Some phone's functions may not work when unauthorised handsfree kit are used.
- The phone uses the magnet to recognise that the phone is closed. Do not place magnetic cards near your phone or get the card caught in the phone as it may damage the recorded data.
- Do not flash the mobile light into eyes as this may damage eyesight or cause dizziness leading to accidents or injury.

ENVIRONMENT

- Keep your phone away from extreme heat. Do not leave it on the dashboard of a car or near a heater. Do not leave it in any place that is extremely damp or dusty.
- Since this product is not waterproof, do not use it or store it where fluids such as water can splash onto it. Raindrops, water spray, juice, coffee, steam, perspiration, etc. will also cause a malfunction.

PRECAUTIONS CONCERNING VEHICLE USE

- It is the user's responsibility to verify if local laws permit the use of a mobile phone in a vehicle. Give full attention to driving. Pull off onto the side of a road and park the car before making or answering a call.
- If local laws permit, we recommend that you use your phone with the attached hands free.
- Use of your phone's function may interfere with the vehicle's electronic systems, such as the ABS anti-lock brakes or the air-bag. To ensure no such problem occurs, please check with your dealer or car manufacturer before connecting your phone.
- Only allow qualified service maintenance personnel to install the vehicle accessories.

The manufacturer disclaims any liability for damage which may result as a consequence of improper use or use contrary to the instructions contained herein.

SAR

Your Sharp mobile phone has been designed, manufactured and tested so as not to exceed the limits for exposure to electromagnetic fields recommended by the Council of the European Union. These limits are part of comprehensive guidelines developed by independent scientific organisations. The guidelines include a substantial safety margin designed to assure the safety of the phone user and others and to take into account variations in age and health, individual sensitivities and environmental conditions. European standards provide for the amount of radio frequency electromagnetic energy absorbed by the body when using a mobile phone to be measured by reference to the Specific Absorption Rate (SAR). The SAR limit for the general public is currently 2 watts per kilogram averaged over 10 grams of body tissue. Your Sharp mobile phone SAR value is x.xxx watts per kilogram. This has been tested to ensure that this limit is not exceeded even when the phone is operating at its highest certified power. In use however your Sharp mobile phone may operate at less than full power because it is designed to use only sufficient power to communicate with the network.

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