

# **Introduction**

Congratulations on your new Sharp SX663 phone.

## **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**

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## Useful Functions and Services

Your phone offers you the following features:

- Video Calling. You can talk while viewing each other on respective screens.
- 3D and colour Java™ games. You can also download various games and applications from SmartTone-Vodafone via the mobile Internet.
- Thin Film Transistor (TFT) colour LCD display with images that are clearer and easier to view.
- A built-in digital camera with an auto focus function for taking pictures and video clips.
- A message function for reading and creating SMS messages.
- MMS (Multimedia Messaging Services) for sending picture, sound and video messages to brighten someone's day.
- Email for sending up to 300 KB and receiving mail with attachments.
- A colour WAP browser for accessing information on the mobile Internet.
- Your own ringtones and ring video clips. You can use sound or video clip files as a ringtone or ring video clip.
- A music player that can play back MP3, MPEG-4 and 3GPP format sound files (supported codec of MPEG-4 or 3GPP are AMR, AAC, AAC+, and AAC+e).
- Playback of downloaded sound and video clip files.
- A voice recorder function for recording and playing back voice clips.
- A *Bluetooth*® wireless technology interface for establishing contact and transmitting data with certain devices. You can transmit pictures, sounds, and video clips to OBEX-enabled phones.
- A schedule alarm for creating and sending schedule entries with alarm settings.
- A microSD™ memory card slot that expands connectivity with a PC using the memory card.

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# List of Menu Functions

SX663 functions are listed below.

See relevant page for details of each function. The menu's corresponding number is used for shortcuts. For details, see page 40.

<b>1 Games &amp; Applications</b>	<b>3 Organiser</b>	<b>4 Messages</b>	<b>6 Gallery</b>
<b>1</b> GSX™ & Java™ Gallery p. 92	(Tab 1: Organiser)	<b>1</b> Create Message p. 66	<b>1</b> Pictures p. 84
<b>2</b> Java™ Settings p. 94	<b>1</b> Calendar p. 97	<b>2</b> Inbox p. 70	<b>2</b> Videos p. 85
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<b>2 Browser</b>	(Tab 2: Utilities)	<b>8</b> Voice Mail –	<b>8</b> Other Documents p. 88
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<b>2</b> Go to URL p. 79	<b>2</b> Voice Recorder p. 107	<b>10</b> Area Info p. 74	
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<b>8</b> www –			
<b>9</b> PLUS –			
<b>10</b> News –			
<b>11</b> Music –			
<b>12</b> Games –			
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## 8 Call Manager

(Tab 1: Phonebook)

- 1 Phonebook p. 41
- 2 Add New p. 41
- 3 My Card p. 42

(Tab 2: Services)

- 1 Call Voicemail –
- 2 Speed Dial List p. 50
- 3 Service Dialling Number\* p. 43
- 4 FDN\* p. 44

(Tab 3: Phonebook Settings)

- 1 Manage Groups p. 45
- 2 Message Groups p. 49
- 3 Phonebook Settings p. 41
- 4 Advanced p. 48

## 9 Settings

(Tab 1: Profiles)

- 1 Normal p. 110
- 2 Meeting p. 110
- 3 Activity p. 110
- 4 Car p. 110
- 5 Headset p. 110
- 6 Silent p. 110

(Tab 2: Phone Settings)

- 1 Display Settings p. 115
- 2 Sound Settings p. 118
- 3 Slider Settings p. 118
- 4 Date & Time p. 119
- 5 Language p. 120
- 6 Shortcuts p. 120
- 7 Ringer Volume –
- 8 Earpiece Volume –
- 9 Master Reset p. 121

(Tab 3: Other Settings)

- 1 Call Settings p. 121
- 2 Video Calling Settings p. 126
- 3 Security Settings p. 127
- 4 Internet Settings p. 129
- 5 Network Settings p. 131

## 10 SIM Application\*

▶ p. 109

### 11 Call Log

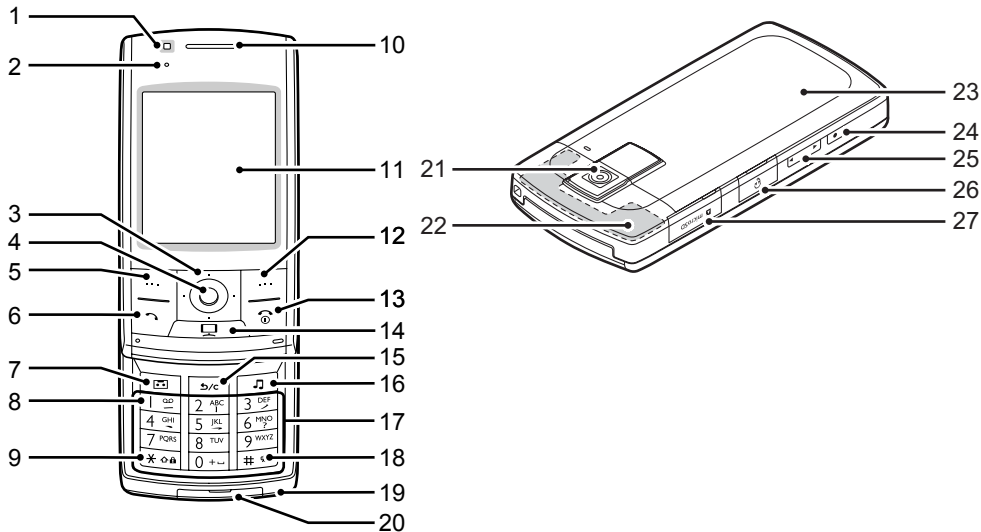
- 1 All Calls p. 133
- 2 Dialed Numbers p. 133
- 3 Missed Calls p. 133
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- 5 Call Timers p. 133
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## 12 Connectivity


- 1 Bluetooth p. 135
- 2 Mass Storage p. 138
- 3 USB Charge p. 138
- 4 Card Settings p. 138
- 5 Off Line Mode p. 139
- 6 Backup/Restore p. 139






\* Depends on SIM/USIM card contents.


## Getting Started





- 1. Sub Camera**
- 2. Small Light:**


Flashes when an incoming call or a new message is received or missed, if Event Light or Status Light (p. 114) is enabled.
- 3. Navigation Keys (Arrow Keys):** 


Moves cursor to highlight a menu item, etc.\*  
Up arrow key () displays the Bookmarks when pressed in standby.  
Down arrow key () displays the Phonebook entries when pressed in standby.  
Left arrow key () displays the list of GSX™ & Java™ Gallery when pressed in standby.  
Right arrow key () displays Gallery when pressed in standby.
- 4. Centre Key:** 

Displays Main menu in standby, and executes functions.  
Long press in standby to initiate video camera.
- 5. Left Soft Key:** 

Executes the function in the lower left of the screen.  
Displays Messaging menu in standby.  
Long press in standby to initiate keypad lock.  
Long press when keypad is locked to unlock.
- 6. Send/Redial Key:** 

Makes voice calls or accepts calls, and displays the call logs in standby.  
Long press in standby to make video callings.
- 7. Voice Recorder Key:** 

Activates voice recorder.
- 8. Voicemail Key:** 

Long press to connect to the Voicemail centre. (Depending on the SIM/USIM card.)
- 9. \* /Shift Key:** 

Switches character input method as follows on the text entry screen.  
In English mode: Abc, ABC, abc and 123. In T9 mode, T9 Abc, T9 ABC, T9 abc and 123.  
In Traditional Chinese mode: Abc, ABC, abc, 123, and T9 Stroke  
In Simplified Chinese mode: Abc, ABC, abc, 123, T9 PinYin, and T9 Stroke  
Press to enter P, ? or \* in standby.  
Long press in standby to lock the keypad.
- 10. Earpiece/Speaker**
- 11. Display**

## 12. Right Soft Key:

Executes the function in the lower right of the screen.  
Accesses “SmarTone *iV!*” by opening the browser in standby.\*

## 13. End/Power Key:

Ends a call and turns power on/off.

## 14. Mobile TV Key:

Activates Mobile TV.

## 15. Clear/Back Key:

Clears the characters before the cursor, returns to the previous screen, etc.

## 16. Music Key:

Displays Music menu in standby.

## 17. Keypad

## 18. #/Silent Key:

Displays symbol screen on the text entry screen.  
Long press to switch languages on the text entry screen.  
Long press in standby to switch Profiles settings between the mode most recently activated and Silent mode.

## 19. Microphone

## 20. External Connector:

Used to connect either the charger or a USB data cable.

## 21. Main Camera

## 22. Built-in Aerial:

Warning: Do not cover the top of the phone with your hand when in use as this may interfere with the performance of the built-in aerial.

## 23. Battery Cover

## 24. Camera Key:

Long press in standby to activate the camera.  
Takes a picture or starts recording video when the camera is active.

## 25. Side Keys:

Press in standby or during a call to increase or decrease the earpiece volume.  
Press during incoming call to mute the ringer or disable vibration mode (if active).  
Press while listening to music (or video) to increase or decrease the earpiece volume.

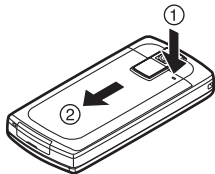
## 26. Handsfree Kit/Microphone Connector

## 27. microSD Card Slot

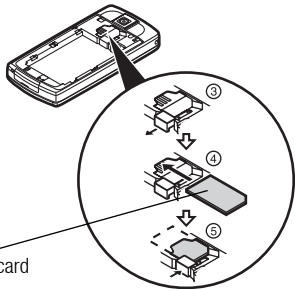
\* Default standby assignment can be changed via the Shortcuts menu. See “Shortcuts” on page 120.

## Inserting/Removing the SIM/USIM Card and the Battery

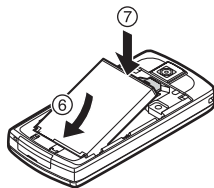
1. Slide off the battery cover (① ②).



2. Unlock the SIM/USIM lock ③, slide the SIM/USIM card into the SIM/USIM holder ④, and lock the SIM/USIM lock ⑤.



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 ⑥, and then insert it ⑦.



4. Replace the battery cover.

### Note

- Make sure that only 3V SIM/USIM cards are used.
- Make sure that the standard accessory battery is used.

## **Battery Disposal**

The device is battery-powered. In order to protect the environment, please read the following points concerning battery disposal:

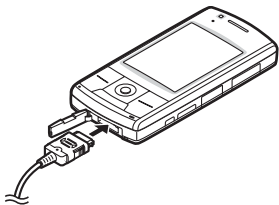
- Take the used battery to your local waste depot, dealer or customer service centre for recycling.
- Do not expose the used battery to a naked flame, immerse in water or dispose with the household waste.

## Charging the Battery


You must charge the battery for at least 150 minutes before using your phone for the first time.

### Using the Charger

1. Open the cover of the external connector, and connect the charger horizontally to the external socket located at the bottom of the phone until it clicks.



2. Connect the charger to an AC outlet.

When the phone is charging, the battery status icon (  ) displays the current status. The Small Light also lights up. Standard charging time: Approx. 150 minutes

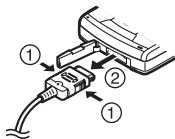
### Note

- Charging time may vary depending on the state of the battery and other conditions. (See “Battery” on page 149.)

### To Disconnect the Charger

When charging is completed, the battery indicator icon displays the full charge status. The Small Light also turns off when completed.

1. Unplug the charger from the AC outlet.
2. Push and hold the side buttons of the charger ( ① ), then disconnect the charger from the external socket of the phone ( ② ).



3. Close the cover.

### Note

- Do not use any non-approved chargers as they may damage your phone and invalidate any warranties, see “Battery” on page 149 for details.
- Forcibly disconnecting the charger may cause malfunction.


## 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 of the screen.

## Low Battery during Use

When the battery is running low, an alarm will sound and “” is displayed on the screen.

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.

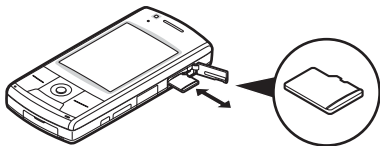
Battery Indicators	Charge Level
	Sufficiently charged
	Charging recommended
	Charging required
	Empty

## Inserting/Removing the Memory Card

### Note

- *Make sure that the phone is turned off before inserting/removing the memory card.*
  - *Be sure to insert the card in the correct direction and orientation.*
  - *Keep all memory cards out of the reach of small children.*
1. Turn off the phone.
  2. Open the microSD card slot cover.





3. Insert the memory card until it clicks. (To remove the memory card, push the memory card until it clicks.)



4. Close the cover.

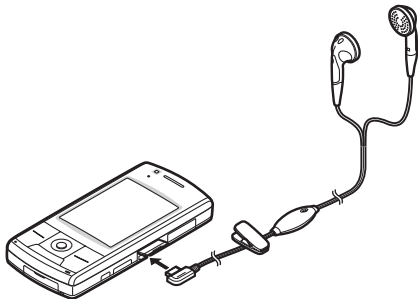
#### **Tip**

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


-  : Appears when the card is inserted.
-  : Appears when the card is damaged or unusable. Make sure the card is properly inserted.
-  : Appears when the card is being written to or read.
-  : Appears when the card is being formatted.

## **Connecting the Handsfree Kit**

1. Open the connector cover.
2. Connect the handsfree kit.



## Turning Your Phone On and Off

To turn the power on or off, long press  for approximately 2 seconds.

### To Enter the PIN Code

If the PIN (Personal Identification Number) code is enabled you are asked to enter the PIN code each time the phone is switched on. For details on setting the PIN code, see “Enabling/Disabling the PIN Code” on page 127.

1. Enter your PIN code.

The PIN code is 4 to 8 digits.

2. Press .

### Note

- If your PIN code is entered incorrectly three times in a row, the SIM/USIM card is locked. See “Enabling/Disabling the PIN Code” on page 127.
- If the clock settings have not been entered, the date and time entry screen is displayed (p. 119).

### To Copy All Phonebook Entries from the SIM/USIM Card

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

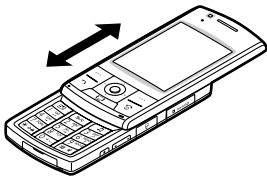
**“Call Manager”** → **“Phonebook Settings” tab** → **“Advanced”** → **“Copy All Entries”**

1. Select “From SIM to Handset”.

## Slide Functions and Keypad Lock

When your phone is on, you can make a call or answer an incoming call by sliding open your phone.

You can terminate the call and lock the keypad to prevent it from being pressed accidentally by sliding close your phone.



You can also operate the following actions by sliding open/close your phone.

### When opened:

- The display and keypad light up.
- The keypad is unlocked.
- Incoming calls can be answered.  
See “Slider Settings” on page 118.

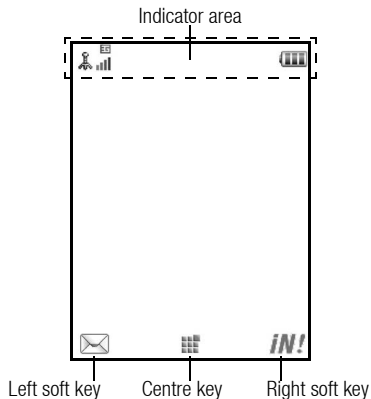
### When closed:




























- The handset sends a busy tone to the caller.
- Calls are terminated.  
See “Slider Settings” on page 118.

























### Note







- You can use some applications even when your phone is closed.
- Some Java™ applications are suspended when your phone is closed.
- Do not stick items on the back of the LCD display when the slider is open.

## Display Indicators









-   : Strength of received signal/Service out of range  
 : HSDPA  
 : EDGE  
 : 3G (UMTS)/GPRS  
 /  : GPRS enabled/GPRS disabled  
 : Roaming outside network
-  /  : Connection to the server [established/communicating]
-  /  : Voice call [incoming/in progress]
-  /  /  : Video calling communication mode enabled [voice/video/voice and video]
-  /  : Alerts [text message and multimedia message/Email]
-  /  /  : Mailbox full [SIM/USIM card only/handset only/both SIM/USIM card and handset]
-  : “Voice Calls” diverts set to “Always”
-  /  /  /  /  /  : Connection status [USB cable/*Bluetooth* wireless setting [enabled (in standby)/exchanging information/talking with the Bluetooth headset/Hide my phone]]



9.  /  /  /  :  
Java™ application [executed (colour)/  
suspended (grey)]/Music player/FM Radio
10.  :  
Secure WAP page displayed
11.  /  /  :  
Silent/vibration setting [silent/vibration  
enabled/silent and vibration enabled]
12.  /  /  :  
Speaker mode [speaker phone/speaker  
activated/microphone muted]
13.  :  
Memory card inserted
14.  :  
Battery level
15.  :  
Daily alarm enabled
16.  /  :  
Schedule entry enabled [with/without  
reminder alarm]
17.  :  
Outbox contains unsent messages [text  
message/multimedia/Email]
18.  /  /  :  
WAP/OTA provisioning alerts [WAP alert/OTA  
provisioning alert/WAP and OTA provisioning  
alerts]
19.  :  
Voicemail message alert
20.  :  
“Show Secret Data” set to “On”
21.  :  
Function Lock enabled
22.  :  
Keypad Lock enabled

23. (No display) /  /  /  /  /  /  :  
Current profile [Normal/Meeting/Activity/Car/  
Headset/Silent]

## Navigating Functions

All applications are accessed from the Main menu. To open the Main menu, press the centre key  in standby.

To launch applications, you will need to highlight menu items, and make selections. To select a menu item (indicated in quotation marks), move the cursor using , ,  and , and press  to select.

In certain procedures, you will need to press one of the soft keys (indicated in square brackets), which are displayed in the lower left and right of the screen. Press the corresponding soft key ( or ).





To return to the previous screen, press the right soft key if it displays *Back*. To close the Main menu, press the right soft key if it displays *Back*.

Each section in this user guide starts with a list of items you will need to select in order (indicated in italics) before performing the procedures shown. Select each item to reveal the next set of items that you have to choose from. Open subsection items after opening those listed in the main section.

Example:

***“Games & Applications”*** → ***“Java™ Settings”***

The following menus have tabs - *Organiser*, *Call Manager* and *Settings*.

You can select the desired tab with the / key, and after that you can select the item you wish to set in the selected tab with the / key.


Example:


***“Call Manager”*** → ***“Phonebook Settings” tab*** → ***“Advanced”***

## **Voice Call/Video Calling Functions**


For details on setting call functions, see “Call Log” on page 133.

### **Making a Voice Call**

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

If you enter the wrong number, press  to delete the number to the left of the cursor.



### **Emergency Calls**

1. Enter 999 or 911 (international emergency number) using the keypad and press  to dial.

#### **Note**

- *Emergency calls may not be able to be made on all mobile phone networks when certain network services and/or phone features are in use. Contact your service provider for more information.*
- *This emergency number can normally be used to make an emergency call in any country, with or without a SIM/USIM card inserted, if a 3G (UMTS)/GSM network is within range.*

### **International Calls**


1. Long press  until a + (international dialling prefix) sign is displayed.
2. Enter the country code, followed by the area code (without the leading zero) and the phone number, and press  to dial.

### **Adding an Entered Phone Number to the Phonebook**

1. After entering a phone number, press [Options] and select “Save Number”.

For details on creating a new entry, see “Adding a New Entry” on page 41.

### **Showing or Hiding My Phone Number on the Display of the Called Party**

1. After entering a phone number, press [Options], select “Show My ID” or “Hide My ID” and press  to dial.

## Speed Dialling

Up to 8 phone numbers from the Phonebook memory (Handset and SIM/USIM) can be assigned to speed dials. You can call the numbers using the digit keys (1 to 9). The phone number of the Voicemail centre is assigned to 1.

For details on setting the speed dial list, see “Speed Dial List” on page 50.

1. To dial a number using the speed dial, long press any of the digit keys (1 to 9).

The phone number saved in the speed dial list is dialled.

## Redialling

You can redial numbers in the call log. Select from specific categories or “All Calls”. Specific categories contain up to 30 numbers and the “All Calls” list contains up to 90.

1. Press in standby.
2. Select the category from “All Calls”, “Dialled Numbers”, “Missed Calls” or “Received Calls”.  
To switch logs, press or .
3. Highlight the phone number you wish to call.
4. Press to redial a voice call or long press to redial a video calling.

## Answering a Voice Call

When an incoming call is detected, the phone rings.


1. Press or or press [Options] and select “Answer” to answer the call.

Or press any key except , [Options] or [Busy] when the “Any Key Answer” function is enabled. Set the Any Key Answer function in the profile of each mode (p. 115). You can answer an incoming call by sliding open your phone if “Calls on Open” is set to “Accept Call” in Slider Settings (p. 118).

### Tip

- 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 saved in the Phonebook, the caller’s name is displayed on the screen.
- If the number is a restricted number, the display shows “Withheld”.
- When you receive a call from the person whose picture is registered in the Phonebook, the picture and name are displayed.

### Rejecting an Incoming Call

1. Press  while the phone is ringing to reject a call you do not wish to answer.

### Letting the Caller Know You are Unavailable










1. Press [Busy] while the phone is ringing to send a busy tone to the caller.

### In Call Menu (Voice Call)

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

#### Adjusting the Earpiece Volume

You can adjust the earpiece volume (and handsfree kit volume, if connected) to five levels.

1. Press  or  to display the Earpiece Volume screen.
2. Press  (or /) to increase the volume of the call or press  (or /) to decrease the volume.
3. Press  when the volume is set to the desired level.

#### Turning the Speaker On and Off


You can talk via the loudspeaker on the phone when it is on.

1. During a call, press [Options] and select “Loudspeaker On”.

### Putting a Call on Hold

This function allows you to manage two calls at the same time. If you wish to make another call while 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] and select “Hold”.  
The current call is put on hold.
2. Press [Options] and select “Dial New Number”.
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 step 1. The current call is automatically put on hold.

## Accessing SMS/MMS Menu during a Call

1. During a call, press [Options] and select “Messages”.  
The following options are available: “Create Message” to make an SMS and MMS, or “Inbox”, “Sent” or “Drafts” to access these folders. For details on SMS and MMS, see “SMS” and “MMS” on page 66.

## Call Waiting

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

1. During a call, press [Options] and select “Hold & Answer” to answer the second call.  
The first call is put on hold and you can now talk to the second caller.  
You can also answer the second call by pressing .

## Note


- You need to set “Call Waiting” to “On” if you wish to use the Call Waiting service (p. 123).
- Call Waiting service may not be available on all networks. Contact your service provider for more information.
- If you do not wish to answer the second call, press [Options] and select “Busy” in step 1. If “Reject” is selected, the log of the second call is saved as a missed call.

## 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


You must have one active call and one held call.

1. During a call, press [Options] and select “Conference All” to join the conference call.
2. Press  to end the conference call.

## Note

- The conference call service may not be available on all networks. Contact your service provider for more information.
- To end the call with all participants, press [Options] and select “End All Call(s)”.
- To reject adding more participants to the current party, press [Options] and select “Reject”, or you can send the busy tone by selecting “Busy”.
- You have more options for the Conference call after selecting “Conference All” in step 1:
  - To put all participants on hold, select “Hold All”.
  - To put all participants except the current call on hold, select “Private”.

#### To Add New Participants to the Conference Call

1. Press [Options] and select “Dial New Number”.
2. Enter the number you wish to include in the conference call and press  to dial.
3. Press [Options] and select “Conference All” to join the conference call.

If you wish to add other participants, repeat steps 1 to 3.

#### To End the Call with a Conference Call Participant

1. During a conference call, highlight the person that you wish to disconnect from the conference call.
2. Press [Options] and select “End This Call”.

#### 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 a conference call, select the person that you wish to talk to.
2. Press [Options] and select “Private”.
3. Once you have finished the private conversation, press [Options] and select “Conference All” to return to the conference call.

#### Muting the Microphone

1. During a call, press [Mute].

To use the microphone again, press [Unmute].


## Making a Video Calling

### Note


- Video calls can only be made and received if both parties have 3G capable phones and 3G coverage. See “Display Indicators” on page 18.
- Make sure that the battery is fully charged and the signal is strong before using this function.
- Turn the loudspeaker on or use a handsfree kit so that you can talk while looking at the video calling screen on the display.

### Making a Video Calling

To Make a Video Calling by Entering the Phone Number First


1. Enter the area code and the phone number you wish to dial.
2. Press [Options] and select “Video Calling” to dial.  
If you enter the wrong number, press  to delete the number to the left of the cursor.  
When connected, the image of the called party is displayed in the upper part of the screen and yours in the lower left.

### Tip

- If the called party’s phone is not video calling enabled, you can press  and enter the phone number again to make a voice call.

## Answering a Video Calling


When an incoming call is detected, the phone rings.

1. Press  to answer the call with video or press [Options] and select “Hide Picture” to answer with voice only.  
If the slider is closed, you can answer the call (with video) by sliding open the phone when the “Calls on Open” function is enabled.

### Tip

- 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 saved in the Phonebook, the caller’s name is displayed on the screen.

### Rejecting an Incoming Call

1. Press  while the phone is ringing to reject a call you do not wish to answer.  
You can reject an incoming call by sliding close your phone if “Calls on Close” is set to “End Call” in Slider Settings (p. 118).

### Letting the Caller Know You are Unavailable

1. Press [Busy] while the phone is ringing to send a busy tone to the caller of an incoming call letting them know that you cannot answer the call.

## In Call Menu (Video Calling)

### Muting the Microphone

1. During a video calling, press [Mute].  
To use the microphone again, press [Unmute].

### Swapping Images

You can swap images between the main and sub screens.

1. During a video calling, press [Options] and select “Switch Images”.

### Changing the Image of Yourself

1. During a video calling, press [Options] and select “Camera Picture”.
2. Select “Internal Camera”, “External Camera” or “Alternative Image”.

“Internal Camera”: The image through the sub camera is displayed and sent to the receiver.

“External Camera”: The image through the camera is displayed and sent to the receiver.

“Alternative Image”: The camera is turned off and the image selected in “Alternative Image” of “Video Calling Settings” is used.

### Turning the Speaker On and Off

You can talk via the loudspeaker on the phone when it is on.

1. During a video calling, press [Options] and select “Loudspeaker On”.

### Note

- *In a high-noise environment, you may not be able to continue a call, or make a clear call. We recommend that you use the handsfree kit.*
- *With this option, there may be interruption if you increase the earpiece volume. We recommend that you decrease the earpiece volume or use the handsfree kit.*

## Video Calling Settings

### To Adjust the Quality of the Incoming or Outgoing Image

You can adjust the quality of the called party's or caller's image.

1. During a video calling, press [Options] and select "Video Calling Settings".
2. Select "Incoming Picture Quality" or "Outgoing Picture Quality".
3. Select "Normal", "Quality Priority" or "Frame Rate Priority".

"Normal":	The standard quality is used.
"Quality Priority":	The quality of the picture takes precedence over the frame rate.
"Frame Rate Priority":	The frame rate takes precedence over the quality.

### To Turn the Backlight On or Off

You can turn on the backlight of your screen.



1. During a video calling, press [Options] and select "Video Calling Settings".
2. Select "Backlight".

3. Select "Always On", "Always Off" or "As Normal Setting".

When "Always On" is selected, the backlight will always be on during a video calling.

When "As Normal Setting" is selected, the backlight will time out depending on the Backlight setting (p. 117).

### To Adjust the Video Exposure

1. During a video calling, press [Options] and select "Video Calling Settings".
2. Select "Exposure".
3. Press  (Light) or  (Dark).

## Mirror Image

During a video calling, you can reverse your image on the sub screen.

1. During a video calling, press [Options] and select “Video Calling Settings”.
2. Select “Mirror Image”.
3. Select “On” or “Off”.

## To Change the Sub Camera Image to the Alternative Image

During a video calling, you can switch the image shown to the caller between the sub camera image and an alternative image or display an image while putting a call on hold from the saved picture files.

1. During a video calling, press [Options] and select “Camera Picture”.
2. Select “Internal Camera”, “External Camera” or “Alternative Image”.

If “Alternative Image” is selected, select “Preset Picture” or “Pictures”.

## Entering Characters

When entering characters to create Phonebook 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 once for the letter A or twice for the letter B.

Press the following keys to:

: Enter:  
. (full-stop) , (comma) ? ! : ; ' (apostrophe) " / 1

: Enter:  
(space)+ = < > € £ \$ ¥ % & 0

: Switch character case among four modes:  
Abc, ABC, abc and 123.

: Enter other characters.

Long press the following keys to:

- : Enter 1 - 9 numbers.

: Enter space in Numeric mode or to enter 0 in other modes.

: Shift between multi-tap and T9 mode.

: Display the language options screen.

## Changing the Input Language

1. On the text entry screen, press [Options] and select “Input Language”.
2. Select the desired language.

## Changing the Input Method

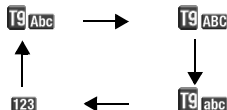
1. On the text entry screen, press [Options].
2. Select “Input Method”.
3. Select the input method you wish to use.

Input Method	Input Language = English	Input Language = Traditional Chinese	Input Language = Simplified Chinese
T9 Mode	T9 Abc T9 ABC T9 abc	T9 Stroke	T9 PinYin T9 Stroke
Multi-tap mode	Abc ABC abc Numeric	Abc ABC abc Numeric	Abc ABC abc Numeric
Others	Symbol Table	Symbol Table	Symbol Table

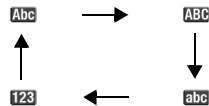
### Tip

In T9 or multi-tap mode, you can switch input mode as follows by pressing **[\*0#]**.

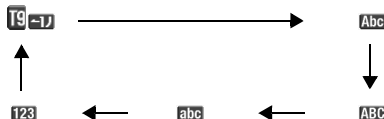
#### English/T9 mode



#### English/Multi-tap mode



#### Traditional Chinese/T9 mode



## Simplified Chinese/T9 mode



## T9 English Mode

### Using T9 English Mode

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

1. On the text entry screen, press [Options].
2. Select “Input Method”.
3. Select the T9 mode (T9 Abc, T9 ABC, T9 abc) you wish to change. “T9” is displayed on the main display.
4. Press the keys to enter characters.
5. Press or to select the word you wish to input.
6. If you wish to clear the word, highlight it and long press .
7. Press or select [Options] and “Done” to complete the selection.

### Tip

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

### User Dictionary

You can create your own English words for T9 Alphabet text input.

### Note

- This function is only available when “Input Language” is set to “English”.

1. On the text entry screen in T9 mode, press [Options] and select “User Dictionary”.
2. Select “Add New Word” and enter a new word.

To edit a word in the list

1. On the text entry screen in T9 mode, press [Options] and select “User Dictionary”.
2. Highlight the desired word.
3. Press [Options] and select “Edit”.
4. Modify the word.

## T9 PinYin and T9 Stroke Mode

In T9 PinYin and T9 Stroke mode, keys are as follows.

### T9 PinYin and T9 Stroke Mode keys

Key	Stroke	PinYin
	—	
		abc
	/	def
	⤵	ghi
	→	jkl
	Wildcard	mno
		pqrs
		tuv
		wxyz
	Change Input Method	
	Space	
	Go to the FullWidth Symbols screen.	

- : Long press to input corresponding Chinese character displayed in the candidate field.

: Long press to enter tones “ - / \ \ . ” in T9 PinYin mode.





: Long press to display the Input Language screen.

### Changing the Input Method between Stroke and PinYin

See “Changing the Input Method” on page 31.

## Using Stroke Mode (Traditional)

The following is an example of entering “節”.

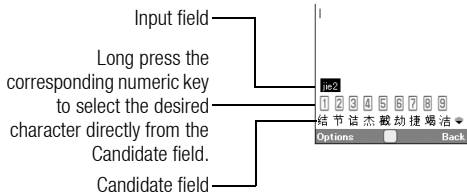
1. Change the input mode to T9 Stroke mode.
2. Press    to display the corresponding stroke for “節”.
3. Long press the corresponding key to complete the selection (in this case, ).




### Note

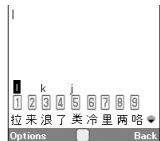
- Each Traditional/Simplified Chinese mode has own T9 Stroke mode. The screen examples in steps 1 to 3 are displayed when you select “Traditional Chinese” in the Input Language option.

## Using PinYin Mode



The following is an example of entering “理”.

1. Press  for the first letter of the reading, then highlight “l”.



- Press **[4 \*]** for the vowel of the first letter, then highlight “ji”.  
Characters with the same reading are displayed in the Candidate field.

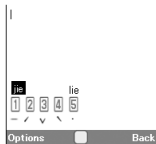


- Select the desired character.
- Long press corresponding numeric key to enter the desired character (in this case, **[2 \*]**).

**Tip**

- When the cursor is placed after the first character, the Candidate field displays characters most likely to follow.

- If you want to use tone options, long press **[\* \*]** instead of step 3 to display the desired character. The tone symbols are displayed in the Candidate field. Press the corresponding numeric key (**[2 \*]**).



## Chinese User Dictionary

You can create your own word list for T9 Chinese input.

You can enter Chinese characters, alphabet, symbols and numbers. Only capital letters can be used for acronyms.

### Note

- *This function is only available when “Input Language” is set to “Traditional Chinese” or “Simplified Chinese”.*

### Creating a New Entry

1. On the text entry screen, press [Options] and select “Chinese User Dictionary”.
2. Select “Add New Word”.
3. Enter new word.
4. Enter acronym.

### Editing a Word in the List

1. On the text entry screen, press [Options] and select “Chinese User Dictionary”.
2. Highlight the desired word.
3. Press [Options] and select “Edit”.
4. Modify the entry word.
5. Modify the acronym.

### Deleting a Word

1. On the text entry screen, press [Options] and select “Chinese User Dictionary”.
2. Highlight the desired word.
3. Press [Options] and select “Delete”.
4. Press [Yes] or [No].

## To Call the Entry

Examples of entry words and acronyms:

Entry Word	Acronym
四	→ S
四百	→ SB
四川	→ SC
四川牛肉面	→ SCNRM

↕ New  
↕ Old

The illustration below assumes that the example entry words and acronyms are already stored.

### 1. Press and highlight “S”.

If you long press , “四” will be entered.

You can also select the other words starting with the same acronym by pressing .

This example is using T9 PinYin mode



Press .



### 2. Press and highlight “SB”.

If you long press , “四百” will be entered.

## Note

- Acronyms are available for T9 PinYin mode only.
- You can also enjoy word completion or predictive input of the words stored in the Chinese User Dictionary. When the first three characters of a word are entered, the whole word appears at once.

The following is an example of predictive input and word completion. This example uses words stored in the last section.

### 1. Press , , and long press to enter “四”.

### 2. The character “川” appears at .

(Candidates and are taken from the Chinese User Dictionary.)

This example is using Stroke input method for Simplified







3. Long press  to enter “川”.







4. Long press  to enter “牛”.

The sentence is completed automatically.

#### Note

- Word completion does not take place if the entry word has less than four Chinese characters.
  - Predictive characters from the Chinese User Dictionary appear at , so you only have to press  to enter the characters.
- If there are entry words which start with the same characters such as “四時半” and “四川”, candidates “时” and “川” appear at  or , depending on the sequence in which the words are saved.

#### Symbols and Punctuations

1. On the text entry screen, press [Options].
2. Select “Add Symbol”.  
The first symbol page is displayed.  
In Chinese input mode, the FullWidth Symbols screen is displayed.
3. Press  or  to switch pages (HalfWidth Symbol and FullWidth Symbol Pages), or use the numeric keys  or .

#### Tip

-  is a shortcut to launch Symbol Tables.



## Using Templates

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

For details on creating the text template, see “Adding Phrases to Text Templates” on page 87.

1. On the text entry screen, move the cursor to the point you wish to insert the template.
2. Press [Options] and select “Advanced”.
3. Select “Insert Template”.
4. Select the desired text template.

## Copying, Cutting and Pasting Text

1. On the text entry screen, press [Options] and select “Advanced”.
2. Select “Copy” or “Cut”.
3. Move the cursor to the first letter to be copied or to be cut, then press .
4. Move the cursor to the last letter to highlight the area, then press .
5. Move the cursor to the point you wish to paste the letters.
6. Press [Options] and select “Advanced”.

7. Select “Paste”.

## Insert Phonebook Entries

You can insert the entries registered in Phonebook when entering characters.

For details on creating the Phonebook entries, see “Call Manager” on page 41.

1. On the text entry screen, move the cursor to the point you wish to insert the Phonebook Entry.
2. Press [Options] and select “Advanced”.
3. Select “Insert Phonebook Entry”.
4. Select the desired Phonebook Entry.  
The selected entry is inserted.

# Using the Menu

## Main Menu



1. Press **○** in standby.  
The Main menu is displayed.
2. Press **▲**, **▼**, **⬅** or **➡** to highlight the desired menu, then press **○** to access the function.  
For details on the menu options, see “List of Menu Functions” on page 6.

## Shortcut Keys

You can access menus by pressing **○** and digit keys for the corresponding number on the Main menu. For numbers 10 to 12, press **○** and **\*0\*** (10), **0+\*** (11) or **#\*** (12). For menus with tabs, press **▶** (or **◀** when necessary) to select the desired tab before pressing the digit keys. See “List of Menu Functions” on page 6.

Shortcuts are listed in the headings of this user guide.

Example (p. 49): To Access “Manage Groups” Sub Menu

### Manage Groups (M 8-▶-▶-1)

**“Call Manager”** → **“Phonebook Settings” tab** → **“Manage Groups”**

Press **○** **8** and **▶** twice for the “Phonebook Settings” tab, then press **1**.

Example (p. 102): To Access “Tasks” Sub Menu

### Tasks (M 3-4)

Press **○** **3** **4**.

### Note

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

## **Call Manager (M 8)**

You can store the phone numbers and Email addresses of your friends, family and colleagues in the Phonebook.

Your phone can store up to 750 entries. For each entry, you can enter information including up to 3 phone numbers and 3 Email addresses. There is a limit to the number of characters that can be entered for each item. The character limit differs for the handset memory and SIM/USIM card memory.

### **Adding a New Entry**

The amount of phone numbers that you can store to the SIM/USIM card is dependent on its capacity. Contact your service provider for details.

#### **Selecting the Storage Memory (M 8—▶—▶—3—2)**

You can choose either the phone or SIM/USIM card memory locations to store the new entry.

**“Call Manager” → “Phonebook Settings” tab → “Phonebook Settings” → “Save to”**

1. Select from “Handset”, “SIM” or “Choice”.

If the selected location is different from the list displayed, a confirmation message is displayed.

#### **Tip**

- “Choice” prompts you to choose the memory every time you save a new entry.

#### **Registering a New Entry (M 8—2)**

**“Call Manager” → “Phonebook” tab → “Add New”**

If you select the “Choice” option for the memory to be used, the selection is between “To Handset” and “To SIM”.

1. Select the field you wish to fill in, and enter the relevant information.
2. Press [Save], when finished.

#### **Tip**

- To create an entry, at least one field must be filled (“Last Name”, “First Name”, “Add Phone Number” or “Add Email Address” for the handset memory; “Name”, “Add Phone Number” or “Add Email Address” for the USIM memory; “Name” or “Add Phone Number” for the SIM memory).

### **Saving an Unregistered Number (M 8-▶-▶-3-5)**

After the call ends, you can have the confirmation screen asking you if you wish to register the number to the Phonebook.

**“Call Manager”** → **“Phonebook Settings” tab** → **“Phonebook Settings”** → **“Save Unregistered”**

1. Select “Incoming Call” or “Outgoing Call”.
2. Select “On” or “Off”.

### **Registering My Card (M 8-3)**

You can register and edit your own contact as with other Phonebook entries.

**“Call Manager”** → **“Phonebook” tab** → **“My Card”**

### **Searching for an Entry**

You can search for the desired entry by entering the first few letters of the name or by sorting the entries.

### **Changing the List Displayed (M 8-▶-▶-3-1)**

**“Call Manager”** → **“Phonebook Settings” tab** → **“Phonebook Settings”** → **“Source”**

1. Select from “Handset”, “SIM” or “Both”.

If the selected location is different from the Phonebook storage memory, a confirmation message is displayed.

### **Finding a Name**

**“Call Manager”** → **“Phonebook” tab** → **“Phonebook”**

1. Enter the first few letters of the name.

The first name corresponding to the entered letters is highlighted.

#### **Tip**

- You can select the Phonebook location from “Handset”, “SIM” or “Both” before searching.

### Sorting the Phonebook List Order (M 8-3-3)

You can change the listing order of the Phonebook entries to pinyin order or by different groups.

**“Call Manager”** → **“Phonebook Settings” tab** → **“Phonebook Settings”** → **“View Phonebook”**

1. Select “By PinYin” or “By Group”.



### Selecting the Search Mode (M 8-3-4)

**“Call Manager”** → **“Phonebook Settings” tab** → **“Phonebook Settings”** → **“Search Mode”**





1. Select “English Search”, “PinYin Search” or “Character Search”.

## Dialling from the Phonebook

**“Call Manager”** → **“Phonebook” tab** → **“Phonebook”**

1. Highlight the desired entry and press  (voice call) or long press  (video calling).

### Tip

- If more than one phone number is registered for the entry, highlight the desired phone number after step 1 and press  (voice call) or long press  (video calling).
- You can also dial from the details screen of the Phonebook. On the details screen, select the desired phone number and press  (voice call) or long press  (video calling).


### Dialling a Service Phone Number (M 8-3)

Certain SIM/USIM cards contain service phone numbers that can be dialled. Contact your SIM/USIM card vendor for more information. On the Phonebook screen, “Service Dialling No.” is displayed at the bottom of the list.

**“Call Manager”** → **“Services” tab** → **“Service Dialling Number”**

1. Select the desired service phone number.

### Tip

- If the SIM/USIM card contains only one service phone number, you can dial it in step 1 by pressing .
- If no service phone number is stored in the SIM/USIM card, this menu is not selected.

## Fixed Dialling Numbers (M 8-4)

This option is available on most SIM/USIM cards for mobile phones. It allows you to configure a SIM/USIM card so that it can only be used to make calls to numbers on a predefined list.

### Note

- *This service depends on the SIM/USIM card.*

To Enable Fixed Dialling Numbers

**“Call Manager” → “Services” tab → “FDN”**

1. Enter your PIN2 code.
2. Select “Switch On/Off”.
3. Select “On” to enable this function.

To Add a New Name

**“Call Manager” → “Services” tab → “FDN”**

1. Enter your PIN2 code.
2. Select “Edit Dial List”.
3. Highlight an entry, press [Options], then select “Add New”.
4. Add a name and a phone number.  
For details on adding a name and phone number, see “Adding a New Entry” on page 41.
5. Press [Save].

## Sending a Message from the Phonebook

**“Call Manager” → “Phonebook” tab → “Phonebook”**

1. Select the desired entry including the phone number or Email address you wish to use.
2. Highlight the desired phone number or Email address.
3. Press [Options] and select “Create Message”.

For further procedures, see “Creating a New Message” on page 66.

## **Sending a Voice Clip Message or Video Clip Message Using an Address from the Phonebook**

**“Call Manager” → “Phonebook” tab → “Phonebook”**

1. Select the desired entry including the phone number or Email address you wish to use.
2. Highlight the desired phone number or Email address.
3. Press [Options] and select “Create Message”.

For further procedures, see “Creating a New Message” on page 66.

## **Using Mailing Lists (M 8-▶-▶-2)**

You can create a mailing list to send the same message to a group of recipients at once. Up to 5 groups can be registered.

To Create a New Mailing List

**“Call Manager” → “Phonebook Settings” tab → “Message Groups” → “Add New Group”**

1. Enter the group name.

The new group name is displayed following the last group on the Group List screen.

To Add Recipients to a Group

Up to 20 recipients can be registered in each list.

**“Call Manager” → “Phonebook Settings” tab → “Message Groups”**

1. Highlight the desired group name.
2. Press [Options] and select “View”.
3. Select “Assign New Entry”.
4. Select the desired entry.  
The detailed screen is displayed.
5. Select the desired phone number or Email address.

### **Tip**

- If you modify the entry assigned in the group, you need to re-assign it to the group. Highlight the entry, press [Options], then select “Re-assign Entry” in step 3.
- To remove an entry from the group, highlight the entry, press [Options], then select “Remove Entry” in step 3.
- To remove a group, highlight a group name and press [Options] and then select “Delete” in step 2.

To Send a Message Using a Mailing List

**“Call Manager”** → **“Phonebook Settings” tab** → **“Message Groups”**

1. Highlight the desired group name.
2. Press [Options] and select “Create Message”.  
For further procedures, see “Creating a New Message” on page 66.

## Editing Phonebook Entries

**“Call Manager”** → **“Phonebook” tab** → **“Phonebook”**

1. Highlight the entry you wish to edit.
2. Press [Options] and select “Edit”.
3. Modify the information.
4. Press [Save] when finished.

## Adding a Thumbnail to Entries

Only Phonebook entries saved to the handset can have Thumbnails attached to them.

**“Call Manager”** → **“Phonebook” tab** → **“Phonebook”**

1. Highlight the desired entry.
2. Press [Options] and select “Edit”.
3. Select “Picture”.
4. Select “Assign Picture”.
5. Select the desired picture.
6. Press [Save] when finished.

### Note

- If you delete a picture in the handset memory, the corresponding thumbnail is also deleted.
- To store a picture right after it was taken, select “Take Picture” in step 4.

## Assigning a Ringtone or a Ring Video Clip to Each Entry

**“Call Manager” → “Phonebook” tab → “Phonebook”**

1. Highlight the desired entry.
2. Press [Options] and select “Edit”.
3. Select “Assign Tone/Video”.
4. Select “For Voice Call”, “For Video Calling” or “For New Message”.
5. Select “Assign Tone” or “Assign Video”.  
When selecting “Assign Video”, go to step 7.
6. Select “Preset Sounds” or “Music and Sounds”.
7. Select the desired tone or video clip.



For details on selecting a ringtone or a ring video clip, see “Assigning a Ringtone for an Incoming Call” on page 111 or “Assigning a Ring Video Clip for an Incoming Call” on page 112.

8. Press [Save] when finished.

## Registering Birthday Item to Calendar

A birthday entered in a Phonebook entry can be registered to the calendar.

### **“Call Manager” → “Phonebook” tab → “Phonebook”**

1. Highlight the desired entry.
2. Press [Options] and select “View”.
3. Press  to display the second tab.
4. Press  to highlight the birthday entry.
5. Press [Options] and select “Set Reminder”.

### **Tip**

- *After registration, the data in Calendar can be customised. For details on customising a schedule entry, see “To Change the Settings” and etc. on page 97.*
- *If the Calendar memory is full, “Set Reminder” is not displayed in step 5.*

## Deleting Phonebook Entries

### Deleting All Phonebook Entries (M 8-Ⓜ-4-3)

**“Call Manager”** → **“Phonebook Settings” tab** → **“Advanced”** → **“Delete All Entries”**

1. Select from “Handset Entries”, “SIM Entries” or “Both Entries”.
2. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

### Deleting a Phonebook Entry

**“Call Manager”** → **“Phonebook” tab** → **“Phonebook”**

1. Highlight the desired entry.
2. Press [Options] and select “Delete”.

## Managing the Phonebook

### Copying Phonebook Entries between SIM/USIM Card and Handset (M 8-Ⓜ-4-1)

**“Call Manager”** → **“Phonebook Settings” tab** → **“Advanced”** → **“Copy All Entries”**

1. Select “From SIM to Handset” or “From Handset to SIM”.

### Note

- When you insert the SIM/USIM card into your phone for the first time and start the Phonebook application, the confirmation screen is displayed automatically, asking you if you wish to copy or not. The number of Phonebook entries to be copied varies depending on the SIM/USIM capacity.
- If the memory space is not enough to save all entries, you cannot complete copying.

## Sending a Phonebook Entry

**“Call Manager” → “Phonebook” tab → “Phonebook”**

1. Highlight the desired entry.
2. Press [Options] and select “Send Phonebook”.
3. Select “As Message” or “Via Bluetooth”.

For “As Message”

For details, see “MMS” on page 66.

For “Via Bluetooth”

For details, see “Bluetooth” on page 135.

## Receiving a Phonebook Entry

When the phone receives a Phonebook entry, a confirmation message is displayed in standby.

1. Press [Yes].

The received entry is saved in the Phonebook. Press [No] to reject.

### Tip

- For details on entering Bluetooth wireless settings, see “Connectivity” on page 135.

## Manage Groups (M 8—▶—▶—1)

Different ringtones can be set for each category. If you do not change a category ringtone, the ringtone assigned in the Profiles menu is used.

**“Call Manager” → “Phonebook Settings” tab → “Manage Groups”**

1. Highlight the desired category.
2. Press [Options] and select “Assign Tone/Video”.
3. Select “For Voice Call”, “For Video Calling” or “For New Message”.
4. Select “Assign Tone” or “Assign Video”.  
When selecting “Assign Video”, go to step 6.
5. Select “Preset Sounds” or “Music and Sounds”.
6. Select the desired tone or video clip.

For details on selecting a ringtone or a ring video clip, see “Assigning a Ringtone for an Incoming Call” on page 111 or “Assigning a Ring Video Clip for an Incoming Call” on page 112.

## Editing the Category Name

You can edit category names to be assigned to the Phonebook entries.

**“Call Manager”** → **“Phonebook Settings” tab** → **“Manage Groups”**

1. Highlight the desired category name.
2. Press [Options] and select “Edit Name”.
3. Modify the name.

## Speed Dial List (M 8-▶-2)

You can set a maximum of 8 phone numbers in the Speed Dial list (p. 22).

### Setting Phonebook Entries in the Speed Dial List

**“Call Manager”** → **“Services” tab** → **“Speed Dial List”**

1. Select the desired entry.
2. Highlight the desired phone number.
3. Press [Options] and select “Assign”.
4. Select the desired location.

#### Tip

- The nine digit keys (1-9) correspond to Speed Dial list numbers.
- When the list is empty, select “Assign” in step 1.

To Edit the Speed Dial List

**“Call Manager”** → **“Services” tab** → **“Speed Dial List”**

1. Highlight the entry you wish to edit.
2. Press [Options] and select “Re-Assign” (or “Assign”).

## Memory Status (M 8-▶-▶-4-2)

This function helps you to check the memory used in the Phonebook.

**“Call Manager”** → **“Phonebook Settings” tab** → **“Advanced”** → **“Memory Status”**

## **Multimedia (M 7)**


### **Video Player (M 7–1)**

#### **Playing Back Video Clip Files (M 7–1–2)**

**“Multimedia” → “Video Player” → “My Videos”**

1. Select “All Videos” or the desired playlist.
2. Select the desired file.

To pause playback, press .


To stop playback, press .

#### **Tip**



- You can control the Video Player by using the following keys:


: Increases or decreases the volume.

 (long press): Mutes.

: Jumps to the next file.



: Returns to the start of the current file.

 : Jumps to the previous file.

 (long press): Fast-forwards.

 (long press): Rewinds.

The side keys are always available to change the volume level.

- Pressing  changes the size of the video display in the following order: Original, Enlarged, Full Screen, Original and so on. Note that this does not change the Display Size setting.
- Pressing  displays this help information.

#### **Searching a File to Be Played Back**

**“Multimedia” → “Video Player” → “My Videos”**

1. Select “All Videos” or the desired playlist.
2. Press [Options] and select “Search”.
3. Enter a few letters of the title.

Search results are displayed in alphabetical order and the matching file is highlighted. The search will match the entered text with any part of the title.

#### **Adding a File to the Playlist**

You can add files to a playlist by doing the following.

**“Multimedia” → “Video Player” → “My Videos”**

1. Select “All Videos” or the desired playlist.
2. Highlight the file you wish to add to the playlist.
3. Press [Options] and select “Add to Playlist”.

The playlists are displayed. For details on creating a playlist, see “Adding a New Playlist” on page 52.

#### 4. Select the desired playlist.


The file highlighted in step 3 is saved.

To delete files from the playlist, highlight the file in the playlist and press [Options]. Then select “Delete from Playlist”.

#### Adding a New Playlist

You can create a playlist and register desired files in it.

**“Multimedia” → “Video Player” → “My Videos”**

1. Press [Options] and select “Add New Playlist”.
2. Enter the desired playlist name.
3. Press .

#### Note

- To delete the playlist, highlight the playlist and press [Options]. Then select “Delete Playlist”.

#### Settings

You can select a play mode for “Playback Pattern”, “Backlight”, “Display Size” and “Sound Effect” when playing back video clip files.

**“Multimedia” → “Video Player” → “Settings”**

1. Select from “Playback Pattern”, “Backlight”, “Display Size” or “Sound Effect”.

#### 2. Select from the following:

- “Playback Pattern”
  - “Normal”:  
Plays back all files in the selected folder once and stops playback.
  - “Repeat”:  
Continues playback of selected file in the selected folder.
  - “Repeat All”:  
Plays back all files in the selected folder.
  - “Random”:  
Plays back files in the selected folder at random.
- “Backlight”
  - “Always On”:  
Lit while the file is played back.
  - “Always Off”:  
Unlit while the file is played back even if a key is pressed.
  - “Normal Settings”:  
Works with the main backlight setting (p. 117).

- “Display Size”  
“Original Size”: Displays the file in its original size.
- “Enlarge”: Displays the file in an enlarged size.
- “Full Screen”: Displays the file on the full screen.
- “Sound Effect”  
“Surround”: Plays back file with surround sound.
- “Bass”: Plays back file with emphasised bass sound.

### Downloading Video Clip Files (M 7–3–4)

**“Multimedia” → “Video Player” → “Download Videos”**

The video clip file download site is displayed.

### Playing Back the Video Clip Files

To Play Back the Last File (M 7–1–1)

**“Multimedia” → “Video Player” → “Last Played Video”**

### Streaming Player (M 7–2)

You can play back video clip files while downloading them from the mobile network.

You can also register the address of the Web site as a bookmark.

**“Multimedia” → “Streaming Player”**

1. Select “Last Played”, “Enter URL”, “Favourites”, “Access Log” or “Settings”.

- “Last Played”: Shows the last streaming file.
- “Enter URL”: Enter the desired address of the Web site. The browser opens, starts downloading and plays back.
- “Favourites”: The address of the Web site is registered.
- “Access Log”: Shows a log of the Web sites you have accessed.
- “Settings”: The backlight and display size settings.

## Music Player (M 7–3)

Music Player supports MP3, MPEG-4 and 3GPP format sound files. You can access other menus while listening to sound files.

### Creating a New Playlist

You can create your own playlist, storing and managing your favourite tracks and the order of tracks.

 → **“My Music”** → **“Playlists”**

1. Press [Options] and select “Add New Playlist”.
2. Enter the desired playlist name.

### Note

- To delete the playlist, highlight the playlist and press [Options]. Then select “Delete Playlist”.
- You can create up to 99 playlists.


### Playing Back Sound Files



 → **“My Music”**

1. Select the item you wish to play back.
  - “All Music”:  
All sound files are displayed.

- “Artists”:  
The names of all artists are displayed.  
When an artist is selected, all of their albums are displayed.  
When an album is selected, all of the sound files in the selected album are displayed.
- “Albums”:  
The names of all albums are displayed.  
When an album is selected, all of the sound files in the selected album are displayed.
- “Playlists”:  
All playlists are displayed.  
When any playlist is selected, all of the sound files in the selected playlist are displayed.

2. Select the desired sound file.

To pause playback, press .

To stop playback, press  and go back to standby, then press  again. Select “Yes” when the pop-up appears.

## Note

- Select “My Music” to update the list of available music tracks.
- You are asked whether or not to play sounds when the Silent mode is activated.
- To play the last played file, select “Last Played Music”. “Currently Playing” is displayed when a file is being played back.
- When you receive a call, playback of the current file is paused, and you can receive the call. After the call ends, the paused playback resumes automatically in the background.

## Tip

- You can return to the Main menu screen while playing back the file in the background.
- You can create your playlist by listing only the desired files (p. 54).
- Sound files in both the handset and the memory card are displayed in a single view.
- You can select the playback pattern in step 2. Press [Options] and select “Playback Pattern”.
  - “Normal”: Plays back all files in the selected folder once and stops playback.
  - “Repeat”: Continues playback of selected file in the selected folder.
  - “Repeat All”: Plays back all files in the selected folder.
  - “Random”: Plays back files in the selected folder at random.

- While in the Music Player, the player can be controlled by using the following keys:
  - ⏮ / ⏭ : Increases or decreases the volume.
  - ⏸ (long press): Mutes.
  - ⏪ : Jumps to the next file.
  - ⏩ : Returns to the start of the current file.
  - ⏮ ⏮ : Jumps to the previous file.
  - ⏭ (long press): Fast-forwards.
  - ⏮ (long press): Rewinds.
  - 🔊 : Plays back the file in the background.The side keys are always available to change the volume level.

## Sorting Files

☰ → “My Music” → “All Music”

1. Press [Options] and select “Sort”.
2. Select “By Title”, “By Artist”, “By Album” or “By Genre”. Sort results are displayed.

## Adding a File to the Playlist

You can add files to a playlist by doing the following.

 → **“My Music”** → **“All Music”**

1. Highlight the file you wish to add to the playlist.
2. Press [Options] and select “Add to Playlist”.

The playlists are displayed. For details on adding a playlist, see “Creating a New Playlist” on page 54.

3. Select the desired folder.

The file highlighted in step 1 is saved.

To delete files from the playlist, highlight the file in the playlist and press [Options]. Then select “Delete from Playlist”.

### Note

- You can store up to 99 files in one playlist. However, the total number of files stored on your phone cannot exceed 350 files.

## Downloading Music Files (M 7–3–3)

 → **“Download Music”**


The music file download site is displayed.

## FM Radio (M 7–4)

You can connect to the FM Radio service.

### Selecting a Radio Station

**“Multimedia”** → **“FM Radio”**

1. Press [Options] and select “Select Station”.
2. Highlight the desired radio station and press .

### Tip

- You can play back the program in the background. Press [Options] and select “Play in Background” while the program is played back.
- A headset radio aerial is necessary to use this service.

### Saving a Radio Station

**“Multimedia”** → **“FM Radio”**

1. Press [Options] and select “Save Station”.
2. Press [Options] and select “Assign”.

## Searching for Stations

### **“Multimedia”** → **“FM Radio”**

1. Press [Options] and select “Search”.
2. Select “Auto Search”.
3. Select “Search Upwards” or “Search downwards”.

#### **Note**

- You need to plug in the headset when using the FM Radio.

#### **Tip**

- You can scan and save the stations automatically by selecting “Update station list” in step 2.
- You can also select the desired station by entering the frequency directly. Select “Enter Frequency” in step 2.

## Setting FM Radio Playback

### **“Multimedia”** → **“FM Radio”**

To Switch the Output

1. Press [Options] and select “Detailed settings”.
2. Select “Sound output settings”.
3. Select “Headset” or “Loudspeaker”.

To Activate the Auto Switch Off

1. Press [Options] and select “Detailed settings”.
2. Select “Auto Switch Off”.
3. Select the desired option.

To Switch between Stereo and Monaural

1. Press [Options] and select “Detailed settings”.
2. Select “Switch to Stereo”.

To Switch the Station List

1. Press [Options] and select “Detailed settings”.
2. Select “Switch station list”.
3. Select the desired list.

## Mobile TV

You can connect to the Mobile TV service by pressing .

#### **Note**


- To use Mobile TV on your phone, you need to be in an area of 3G coverage.
- To use Mobile TV on your phone, you need to purchase a subscription package from your operator.

## **Camera (M 5)**

Your phone has a built-in digital camera that allows you to take pictures and record video clips wherever you are. This section starts with basic functions and operational procedures to take, save and send pictures and video clips, followed by common and unique functions to camera and video modes.

### **Taking Pictures**

#### **“Camera”**

1. Press  to take the picture.

The shutter sounds and the still image of the taken picture is displayed.


2. Press [Save].

The taken picture is saved in Gallery.





To cancel, press [Cancel].

To send the taken picture, press  in step 2.

#### **Note**

- When the video camera is launched, press [Options] and select “Go to Photo Camera”, or press .
- When you try to send a picture that has too large a file size, the picture size is resized for the message. The original sized picture is saved in Gallery.

#### **Tip**


- You can activate the camera by long pressing  in standby. Simply press  to take pictures, and start and stop recording.
- You can lock the focus by pressing  or pressing  halfway before taking a picture or recording a video clip.



## Recording Video Clips

You can record a video clip with your phone.

### “Camera”

The preview is displayed on the screen.

When in photo camera mode, press  to switch to video camera mode.

1. Press .
2. To stop recording, press .
3. Select “Save”.

The video clip is saved in Gallery.

To view the preview before saving, select “Preview”.

To send the video clip, select “Save and Send”.

For further procedures, see “Creating a New Message” on page 66.



### Note

- You can only send video clips when “For Message” is selected for the recording time. For details, see “Selecting the Recording Time and Picture Size” on page 65.

## Common Functions in the Photo and Video Camera Modes

### Using the Digital Zoom Function

To Adjust the Zooming Ratio






1. Press  or .

Once the phone has returned to standby, the zoom settings return to default.

### Adjusting the Exposure

“Camera” → [Options] → “Exposure”

1. Press  (Bright) or  (Dark).

      : (Bright → Normal → Dark)

Once the phone has returned to standby, the brightness settings return to default.

## Selecting the Picture or Video Quality

Select the appropriate option.


**“Camera” → [Options] → “Picture Quality”**

**“Camera” → [Options] → “Video Quality”**

1. Select the desired picture or video quality.

: Super Fine

: Fine

: Normal

### Note




- *The better quality you select, the larger the file size becomes.*

## Using the Self-Timer

Select the appropriate option.

**“Camera” → [Options] → “Modes” → “Self-timer”**

1. Select “2sec”, “5sec” or “10sec”.

When you select one of these options, the corresponding indicator (“”, “”, or “”) is displayed on the screen. Select “Off” to cancel the self-timer.


## Switching the Focus Mode

**“Camera” → [Options] → “Modes” → “Focus”**

1. Select the desired option.

: Auto Focus

: Manual Focus

: Macro

## Switching the Display Direction

You can switch the display direction between portrait and landscape.

**“Camera” → [Options] → “Settings” → “Portrait / Landscape”**

## Selecting the Storage Memory

Select the appropriate option.

**“Camera”** → **[Options]** → **“Settings”** → **“Save New Pictures”**

**“Camera”** → **[Options]** → **“Settings”** → **“Save New Videos”**

1. Select the desired location from “To Handset Memory”, “To Memory Card” or “Choice”.

### Note

- If you select “Choice”, select the desired location every time you save.

## Auto Save

You can set the phone to save pictures and video clips automatically.

**“Camera”** → **[Options]** → **“Settings”** → **“Auto Save”**

1. Select “On” or “Off”.

## Selecting the Anti-flicker Mode



**“Camera”** → **[Options]** → **“Settings”** → **“Anti-flicker”**

1. Select “Mode 1: 50Hz” or “Mode 2: 60Hz”.

### Note

- Vertical stripes may occur on the picture due to the light source. Change the anti-flicker mode to rectify.

## Switching between the Photo and Video Camera Modes

You can switch between the photo and video camera modes by pressing  or .

Select the appropriate option.

**“Camera”** → **[Options]** → **“Go to Video Camera”**

**“Camera”** → **[Options]** → **“Go to Photo Camera”**













You can also switch between the Internal (sub) camera and External (main) camera.

## Using the Help Function

**“Camera”** → **[Options]** → **“Help”**

## Common Shortcut Keys

If multiple options exist, they switch each time you press each of the following keys.

	Photo Camera	Video Camera
	Focus Lock	
	Zoom Max/Min	
	Switches between internal and external cameras	
	Focus	
	Save New Pictures	Save New Videos
	Picture Size	Picture Size
		Microphone
	Picture Quality	Video Quality
	Self-timer	
	Switches between Portrait and Landscape	
	Switches Viewfinder between with and without indicators	Switches the display modes in the Preview screen
	Exposure	

## Note

- The “Switches the display modes” option is available in “Preview” before you save a video clip. See “Recording Video Clips” on page 59.

## Functions in Photo Camera Mode

### Selecting the Picture Size

You can select the size of pictures. All taken pictures are saved in the JPEG format.

“Camera” → [Options] → “Picture Size”

1. Select the desired size.

(External Camera)	1200 × 1600 dots/ 960 × 1280 dots/ 768 × 1024 dots/480 × 640 dots/ 240 × 320 dots/120 × 160 dots
(Internal Camera)	240 × 320 dots/120 × 160 dots

## Continuous Shoot



There are various modes for taking continuous shots.


**“Camera”** → **[Options]** → **“Modes”** → **“Continuous Shoot”**

### 1. Select the desired mode.




The following continuous shoot modes are available:

“Off”: The continuous shoots are cancelled.

“4 Pictures”/“9 Pictures” ( / ): Takes 4 or 9 pictures continuously. After selecting this mode, select from “Fast”, “Normal”, “Slow” or “Manual”.

“Overlapped” (): Overlaps continuous pictures into one picture and makes an afterimage. After selecting this mode, select “Fast” or “Normal”.

### Note

- When you select “Manual” to take continuous pictures, press  manually at the desired speed.
- When the Timer and Continuous Shoot functions are simultaneously set, “” and “” (for “2sec” and “4 Pictures”, for example) are alternately displayed.

- You cannot use the Continuous Shoot function for picture sizes larger than  $480 \times 640$  dots. “9 Pictures” and “Overlapped” are not available for picture sizes larger than  $240 \times 320$  dots.

## Camera Effects

You can select from various camera effects.

**“Camera”** → **[Options]** → **“Modes”** → **“Camera Effects”**

1. Select from “Sepia”, “Monochrome”, “Negative” or “Sketch”.

### Note

- You cannot use the Camera Effects function for picture sizes larger than  $240 \times 320$  dots.

## Selecting a Frame

You can select the frame from preset patterns or Pictures.

**“Camera”** → **[Options]** → **“Modes”** → **“Add Frame”**

1. Select “Preset Frames” or “Pictures”.
2. Select the desired frame.

The selected frame is confirmed on the display.

3. Press .

### Note

- Images larger than 240 dots [W] × 320 dots [H] cannot be used.

## Using the Full Screen

You can display the preview on the full screen without the soft key area and indicator area.

**“Camera”** → **[Options]** → **“Settings”**

1. Select “Full Viewfinder”.

To return to the normal viewfinder, select “Normal Viewfinder”.

## Selecting the Shutter Sound

**“Camera”** → **[Options]** → **“Settings”** → **“Shutter Sound”**

1. Select the desired shutter sound from 3 preset patterns.  
To play back the shutter sound, press [Play] in step 1.

### Note

- *Continuous Shoot* uses the specialised shutter sound that cannot be changed using the above settings.
- The shutter sound remains active even when “General Volume” (p. 110) is set to “Silent” to prevent unauthorised use.

## Functions in Video Camera Mode

### Selecting the Recording Time and Picture Size

**“Camera”** → **[Options]** → **“Record Time”**

#### 1. Select “For Message” or “Extended Video”.

For Message (📧): Limits the size to send a message depending on service providers.

Extended Video (📹): Less than 30 minutes (depending on the memory).

#### 2. Select the desired picture size.

If “For Message” is selected, select “Large(QCIF)” or “Small(SubQCIF)”.

If “Extended Video” is selected, select “Large(QCIF)” or “Small(SubQCIF)”. When using the external camera, “QVGA(asf)” is also available.

#### **Note**

- If you select “For Message” for the recording time, the file size is limited depending on the service provider. Therefore, the quality is also limited for the setting.
- “Save and Send” is not displayed after recording in the Extended Video mode.

### Recording Video Clips with Sound

To record a video clip with sound, the microphone needs to be activated.

**“Camera”** → **[Options]** → **“Settings”** → **“Microphone”**

#### 1. Select “On” or “Off”.

#### **Note**

- The microphone is already turned on in the default setting. Select “Off” to record a video clip without the sound.
- The file size of a video clip can be reduced if the sound is not recorded.

### Video Encoding

**“Camera”** → **[Options]** → **“Settings”** → **“Video Encode”**

#### 1. Select the appropriate format.

## **Messages (M 4)**

Your phone allows you to send and receive text, multimedia and Email. It is compatible with most POP3 Email providers.

### **SMS**

SMS allows you to send text messages up to 765 characters long. If you send a message of more than 160 characters, it is split into several segments.

### **MMS**

With MMS, you can send images, sound or video to brighten someone's day. Messages of up to 300 KB with images, sound, or video clips can be sent and received.

### **Email**

Email allows you to send messages of up to 300 KB.

#### **Note**

- *Some MMS functions may not always be available depending on your network. Contact your service provider for more information.*
- *Maximum message size varies depending on the restrictions set by the service provider.*

## **Creating a New Message (M 4–1)**





### **(SMS/MMS)**

**“Messages” → “Create Message” → “Message”**

### **(Email)**

**“Messages” → “Create Message” → “E-Mail”**

1. Select the recipient field.
2. Select the desired method to enter the recipient's details.
3. For MMS, enter or select the Email address or phone number from the Phonebook. For SMS, enter or select a phone number. For Email, enter or select an Email address.
  - To add multiple Email addresses or phone numbers, highlight the recipient field, press [Options], and then select “Add Recipient”. Enter or select the Email address or phone number from the existing Phonebook.
  - To change the recipient types, press [Options], select “Add Recipient” and highlight the desired recipient. Press [Options] and select “Change to To”, “Change to Cc” or “Change to Bcc”.

- To add a subject, highlight the subject field and press . Then enter the subject in the subject entry screen and press .
4. Place the cursor in the message field.
  5. Press  to display the message entry screen.  
Enter the message and press .
  6. Press [Options] and select “Send”.  
“Send” is not available when no recipients are set. After the message is sent, the message is moved to the Sent box.


### **Note**

- When you create an SMS/MMS message, the mode is automatically switched to MMS in the following cases:
  - When “Enter Email Address” in [Options] is selected for recipient fields.
  - When a subject is entered.
  - When the size of entered text has exceeded the SMS size limit.

### **Tip**

- To send the same message to a group of recipients, select “Select Message Group” in step 2, then select the desired group name. For details on creating a mailing list, see “To Create a New Mailing List” on page 45.

### To Add a Slide Show

1. Perform steps 1 to 5 in “Creating a New Message” on page 66.
2. Press  to highlight your message or other inserted item such as a picture or sound file.
3. Press [Options] and select “Add Slide”.
4. Select “Add Slide After” or “Add Slide Before”.
5. Enter another message.

If you wish to set the duration of each slide, highlight your message or other inserted item such as a picture or sound file. Press [Options] and select “Slide Duration”, then select the desired duration. Repeat steps 2 to 4 to add more slides.

### **Tip**

- You can create messages up to 300 KB. Each slide can contain one picture and/or one sound file or video clip.

## To Attach Data

1. In step 6 in “Creating a New Message” on page 66, press [Options] and select “Insert Item”.
2. Select “Picture”, “Sound”, “Video”, “Attach Contact”, “Attach Appointment” or “Others”.  
When selecting “Attach Contact” or “Attach Appointment”, go to step 4.
3. Select the desired option and then select the desired file.  
If you wish to attach pictures, sounds or video clips that are saved, select “Saved Picture”, “Saved Sound” or “Saved Video”.  
If you wish to take new pictures, record sounds or video clips, select “Take Picture”, “Record Voice” or “Record Video”.
4. Select the desired data.  
If you wish to select your own Phonebook entry, select “My Card”.  
When attaching an appointment, select the desired day including a schedule entry you wish to add and select the desired schedule entry.

### **Note**

- *When attaching JPEG files, select the appropriate resize option, as the maximum message size for sending varies depending on the service provider.*

## To Remove or Replace Attachments

1. In step 6 in “Creating a New Message” on page 66, press [Options] and select the corresponding remove option for each attachment.

## Using the Sending Options

You can use the message sending options for each type of message.

### 1. Press [Options] and select “Messaging Settings”.

- “Delivery Report” (“On”, “Off”) (SMS/MMS): Enables or disables Delivery Report when the message is successfully sent to the recipient.
- “Expiry Time” (“Maximum”, “1 hour”, “12 hours”, “1 day”, “1 week”) (SMS/MMS): Sets Expiry Time for a message to be saved in the server.
- “Priority” (“High”, “Normal”, “Low”): Prioritises composed messages.
- “Read Report” (“On”, “Off”) (SMS/MMS): Confirms whether or not a report is sent notifying the sender that the message has been read.

### 2. Press [Options] and select “Send”.

After the message is sent, the message is moved to the Sent box.

### Note

- *The current message size displayed while you are creating the message is an approximation.*
- *If a message cannot be sent for some reason, the message stays in the Outbox and the “✉” is displayed in standby.*

### Tip

- *To save the message without sending, press [Options] and select “Save to Drafts” in step 4 in “Creating a New Message” on page 66.*
- *You can send the following items attached to multimedia messages. Details are given in the following sections.*
  - *Gallery data*
  - *Phonebook entry*
  - *Schedule entry created by Calendar, etc.*
- *You can use the template option to help you compose messages. For details on using this option, see “Using Templates” on page 39.*

## **Sending a Message in the Drafts Box (M 4–4)**

**“Messages”** → **“Drafts”**

1. Select the desired tab, SMS/MMS or Email.
2. Press [Options] and select “Edit & Send”.
3. Modify the message, if necessary.
4. Press [Options] and select “Send”.

“Send” is not available when no recipients are set.



## **Sending a Voice Clip Message or Video Clip Message**

You can record a new voice or video clip when creating a new message.

Select the appropriate option.

**“Messages”** → **“Create Message”** → **“Voice Message”**

**“Messages”** → **“Create Message”** → **“Video Message”**

1. Press  to start recording.
2. Press  to stop recording.
3. Select “Accept” to attach to the new message.
4. Select “To Handset Memory” or “To Memory Card” as the destination to save.

For further procedures, see “Creating a New Message” on page 66.

### **Tip**

- You can play back voice or video clips from Gallery.

## **Reading a Message**

Messages you receive are saved in the Inbox.

**“Messages”** → **“Inbox”**

1. Select the desired tab, SMS/MMS or Email.
2. Select the message you wish to view.

### **Storing the Phone Number of a Sender in the Phonebook** **“Messages” → “Inbox”**

1. Select the desired tab, SMS/MMS or Email.
2. Highlight the message from which you wish to store the phone number or Email address.
3. Press [Options] and select “Save Address”.


The new Phonebook entry screen including the phone number is displayed. For details on creating a new Phonebook entry, see “Adding a New Entry” on page 41.

### **Calling the Phone Number of a Sender Embedded in the Message**

#### **“Messages” → “Inbox”**

1. Select the desired tab, SMS/MMS or Email.
2. Highlight the message containing the phone number you wish to dial.
3. Press [Options] and select “Call Sender”.

### **Downloading a Single MMS** **“Messages” → “Inbox”**

1. Select the SMS/MMS tab.
2. Highlight the message alert (  ) you wish to download.
3. Press [Options] and select “Download”.

#### **Tip**

- You can download multiple messages at the same time. See “Downloading Multiple MMS”.

### **Downloading Multiple MMS** **“Messages” → “Inbox”**

1. Press [Options] and select “Multiple Select”.
2. Select the desired message alerts, press [Options] and select “Select” or “Select All”.
3. Press [Options] and select “Download”.

The selected messages are downloaded at the same time.

## Replying to a Message or to All Addresses

### *“Messages”* → *“Inbox”*

1. Select the desired tab, SMS/MMS or Email.
2. Highlight the message the sender of which you wish to reply to.
3. Press [Options] and select “Reply” (to sender only) or “Reply All” (to all other recipients listed in the original To or Cc lists).
4. Select “Reply” or “Reply with History”.
5. Enter the message.
6. Press [Options] and select “Send”.

“Send” is not available when no recipients are set.

## Forwarding a Message

### *“Messages”* → *“Inbox”*

1. Select the desired tab, SMS/MMS or Email.
2. Highlight the message you wish to forward.
3. Press [Options] and select “Forward”.
4. Perform steps 1 to 5 in “Creating a New Message” on page 66.

## Sorting the Messages in the List

### *“Messages”* → *“Inbox”*

1. Select the desired tab, SMS/MMS or Email.
2. Press [Options] and select “View Settings”.
3. Select “Sort”.
4. Select the desired sort option.

## Cell Broadcasts (M 4–9)

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 service provider for more information.


### Enabling/Disabling Cell Broadcasts

**“Messages”** → **“Cell Broadcasts”** → **“Switch On/Off”**

1. Select “On” or “Off”.

### Reading Cell Broadcast Messages


**“Messages”** → **“Cell Broadcasts”** → **“Read Messages”**

1. Select the desired subject.
2. Scroll the screen to read the message.
3. Press .

## Setting Languages for Cell Broadcast Messages

**“Messages”** → **“Cell Broadcasts”** → **“Settings”** → **“Language”**

The current language is displayed.

1. Press  to check.
2. Press [Save].

### Subscribing to Cell Broadcasts

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

**“Messages”** → **“Cell Broadcasts”** → **“Settings”** → **“Set Info Subjects”**

1. Press [Options] and select “Add/Remove”.
2. Select the desired subject.
3. Press [Save].

### Tip

- If the desired subject is not in the list that appears in step 2, select “Create Subject” in step 1, then enter the subject code to add a page. For details on the subject code, contact your service provider.

## Area Info (M 4–10)

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

When you receive Area Info, the message (area code) is displayed in standby.

### Enabling/Disabling Area Info

**“Messages”** → **“Area Info”**

1. Select “On” or “Off”.

#### Note

- *This function may not be available on all mobile phone networks. Contact your service provider for more information.*
- *If Area Info is set to “On”, the standby time will decrease.*

## Messaging Settings (M 4–11)

### General Settings

**“Messages”** → **“Messaging Settings”** → **“General Settings”**

1. Select the item you wish to set up.
  - “Signature”:  
Enables or disables “Auto Insert”. Select “Edit” to edit current signature.
  - “Auto Delete”:  
Deletes the oldest message automatically, when the Inbox, Sent or Both (Inbox and Sent) is full.
  - “Message List View”:  
Switches the mailbox listing (“Two-line”, “One-line”).
  - “Scroll Unit”:  
Scroll through messages by “Single Line”, “Half Page” or “Whole Page”.
  - “Message Type”:  
Sets the type of message to send by default when a message is composed. When set to “Free”, the message is sent automatically either as an SMS or MMS as appropriate.

## SMS Settings

**“Messages”** → **“Messaging Settings”** → **“SMS Settings”**

### 1. Select the item you wish to set up.

- **“Delivery Report”**:  
Enables or disables Delivery Report request.
- **“Signature”**:  
Enables or disables “Auto Insert”. Select “Edit” to edit current signature.
- **“Automatic Resend”**:  
Tries to resend the failed SMS/MMS message up to two times (“On” or “Off” selection).
- **“Expiry Time”**:  
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.
- **“Message Centre”**:  
Enter the message centre number. Up to 2 numbers can be registered.  
  
If you wish to enter a country code for a message to an international number, long press **[0+]** until a + sign is displayed.

- **“Message Format”**:  
Sets the message format to be used when creating a new message.
- **“Reply Path”**:  
Enables or disables adding a reply path to the message.
- **“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”.
- **“Connection Type”**:  
Sets the preferred connection type (“GPRS Preferred”, “CSD Preferred”).

## MMS Settings

**“Messages” → “Messaging Settings” →  
“MMS Settings”**

### 1. Select the item you wish to set up.

- “MMS Accounts”:  
Select the desired account or select “Create New” to enter the following settings.  
“Profile Name”: MMS profile name (Unique name)  
“Proxy”: Proxy setting for MMS  
“Relay Server URL”: MMS relay server
- “Home Download”:  
Controls the message download timing inside your network area.  
“Always Download”: Downloads messages immediately from the server.  
“Always Defer”: Defers message download.
- “Roaming Download”:  
Controls the message download timing when roaming outside of your network.  
“Always Download”: Downloads messages immediately from the server.  
“Always Defer”: Defers message download.

- “Delivery Report”:  
Enables or disables Delivery Report request.
- “Signature”:  
Enables or disables “Auto Insert”. Select “Edit” to edit current signature.
- “Automatic Resend”:  
Tries to resend the failed SMS/MMS message up to two times (“On” or “Off” selection).
- “Delivery Report Allow”:  
Confirms whether or not a report is sent notifying the sender when you receive a message.
- “Read Report”:  
Enables or disables Read Report request.
- “Read Report Allow”:  
Enables or disables Read Report Allow when the recipient is required to inform the sender that the message has been read.

- “Expiry Time”:  
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.
- “Slide Duration”:  
Sets the duration of the slide.
- “Slide Auto Play”:  
Enables or disables Slide Auto Play.
- “Send File Settings”:  
Sets whether or not to send and save the file settings.
- “Max Message Size”:  
Sets the maximum message size for sending and disables sending MMS messages exceeding that size.
- “Creation Mode”:  
When set to “Free”, you can attach files of any format to the mail. When set to “Restricted”, only certain formats and message sizes can be attached. The “Restricted” setting has priority over “Max Message Size”.
- “Emoticons”:  
Enables or disables the Emoticons when entering text.
- “Hide Number”:  
Sets whether to show or hide the sender’s address.
- “Delivery Time” (“Immediate”, “1 hour”, “12 hours”, “1 day”, “1 week”):  
Sets the time the message is delivered after the Send key is pressed.
- “Anonymous Rejection”:  
Enables or disables the rejection of messages from anonymous senders.

#### To Activate the MMS Account Profile

1. Select “MMS Accounts”.
2. Select the desired profile you wish to activate.

## Email Settings

***“Messages”*** → ***“Messaging Settings”*** →  
***“Email Settings”***

To Set an Email Account

1. Select “Email Accounts” and highlight the preset Email account.

You can also create a new account.

2. Press [Options] and select “Edit”.
3. Select the item you wish to set up.

“Account Name”:	Email account name (Unique name)
“Incoming Server”:	Server name, user ID, password, port number, APOP authentication and encryption for the incoming server
“Outgoing Server”:	Server name, user ID, password, port number, SMTP authentication and encryption for the outgoing server
“Access Point”:	Access point for Email
“Email Address”:	Email address

“Advanced Settings”:

Your name, signature, download interval, download configuration, maximum download limit, save sent messages

To Activate the Email Account Profile

1. Select “Email Accounts”.
2. Select the desired profile you wish to activate.

## **Browser (M 2)**

Your phone is already configured to access SmarTone *iW* and the mobile internet.

SmarTone *iW* is a mobile internet portal which is your gateway to a new world of information, games, music and services.

Because your phone uses 3G (UMTS), it has a system that is 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.

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 SmarTone *iW* site for WAP/MMS Settings.

### **Main Menu**

#### ***"Browser" → "Homepage"***

The SmarTone *iW* service page is displayed.

#### ***"Browser" → "Go to URL"***

The URL entry screen is displayed. You can type in the URL of a site directly.

#### ***"Browser" → "Bookmarks"***

See page 80.

#### ***"Browser" → "Alert Inbox"***

WAP Push alerts are displayed.

#### ***"Browser" → "My Saved Page"***

You can view all the screenshots that have been saved onto the handset memory.






#### ***"Browser" → "Access History"***

The history of pages you have recently browsed is displayed.

#### ***"Browser" → "Browser Settings"***

See page 81.

## Navigating a WAP or Web Page

- : Moves the highlight around in the screen.
- : Launches the option menu if it has not been launched.  
Used to select an option from the option menu.
- : Executes the highlighted item in the screen.
- : Visits “SmarTone *iW!*” by opening the browser when in standby.  
Moves to previous page when the browser is active.
-  (short press): Exits the browser.  
(long press): Turns off the phone.

## Editing Bookmarks (M 2–3)

### “**Browser**” → “**Bookmarks**”

1. Select the desired URL, and press [Options].

You can edit the list of Bookmarks by the following options:  
(When a bookmark is highlighted)

- |                     |   |
|---------------------|---|
| “Open”:             | Opens a bookmark.                                     |
| “Edit”:             | Edits URL address of the bookmark.                    |
| “Add New Bookmark”: | Creates new bookmarks.                                |
| “Create Folder”:    | Creates new folders.                                  |
| “Send via SMS”:     | Sends the URL address to recipients.                  |
| “Move”:             | Moves bookmarks to another location or into a folder. |
| “Details”:          | Displays detailed information of the WAP/web page.    |
| “Delete”:           | Deletes a bookmark.                                   |
| “Delete All”:       | Deletes all bookmarks.                                |

(When a folder is highlighted)

- “Select”: Selects the folder.
- “Add New Bookmark”: Creates new bookmarks.
- “Create Folder”: Creates new folders.
- “Move”: Moves folder and bookmarks in the folder to another location.
- “Rename Folder”: Renames the folder.
- “Delete”: Deletes the folder and bookmarks in the folder.
- “Delete All”: Deletes all folders and bookmarks.

(When there are no bookmarks)

- “Add New Bookmark”: Creates new bookmarks.
- “Create Folder”: Creates new folders.

## **Browser Settings (M 2–7)**

### ***“Browser” → “Browser Settings”***






- “Font Size”: Sets the font size for browsing.
- “Scroll Step”: Sets the speed of scrolling.
- “Send Referrer”: Enables or disables the notification of the referrer.
- “Cookies”: Adjusts the setting of cookies.
- “Downloads”: Sets whether or not to show images when accessing the WAP/web page.
- “Security”: Adjusts the security prompt level.
- “WAP Push”: Sets whether you need confirmation for push message.
- “Download to”: Sets the download preferred location.

## Browser Options when Online


You can use the various options of the browser.

### → [Options]

- “Select”: Selects a WAP page.
- “Open This Frame”: Opens the selected frame. (This option is available only when a frame page is displayed.)
- “Home”: Goes to the homepage.
- “Forward”: Goes to the next page.
- “Reload Page”: Reloads the WAP page to get updated information.
- “Bookmarks”: See page 80.
- “Save This Page”: Saves the currently viewed browser screenshots to the handset memory.
- “Save Items”: Saves items from the browsing pages.
- “Go to URL ”: Allows you to type in the URL of a site directly. Handset browser will go to the web/WAP page that you entered.

- “Access History”: Shows the history where you have browsed.
- “Complete Page Display”: Allows the browser to display in complete page mode or Virtual Screen mode.
- “Zoom In/Out”: Zooms in on or out from the browsing page. (This option is available only when “Complete Page Display” is set to “ON”.)
- “Advanced”: Displays the advanced option menu of the browser.
- “Page Over View”: Shrinks the view of the browsing page and displays the entire page. To display a specific area in normal view, use /// to move to the desired location and press .
- “Help”: Displays the browser help.
- “Exit”: Exits the browser.

## The Advanced Options

 → [Options] → “Advanced”

- “Send URL via SMS”: Sends the URL of this WAP/web page via SMS.
- “Details”: Shows detailed information of the WAP/web page.
- “Delete Browser Data”: Deletes the browser data. You can clear the cache/cookies/history/authentication information.
- “Search This Page”: Searches for specific words in the WAP/web page.
- “Jump to Top”: Jumps to the top of the WAP/web page.
- “Jump to Bottom”: Jumps to the bottom of the WAP/web page.
- “Copy Text”: Copies the text on the WAP/web page.
- “Browser Settings”: Displays the settings menus (p. 81).

## **Gallery (M 6)**

Gallery contains all your pictures, music and videos. Also included in Gallery are Text Templates. You can also transmit pictures, sounds and video clips via *Bluetooth* wireless technology to other Bluetooth-enabled devices.

### **Pictures (M 6–1)**

Pictures that are taken by your cameraphone or images that are downloaded from mobile Internet sites can be viewed, edited and organised.

#### **Viewing Pictures**

##### **“Gallery” → “Pictures”**



1. Select the file you wish to view.

The selected picture is displayed.

#### **Note**

- To switch between viewing handset or memory card content, select the first item in the options menu.

#### **Tip**

- You can scroll through your pictures with  and .
- To change the default view of pictures (list or grid), press [Options], select “Manage Items” and then select “Change List View”.

#### **Using Images as Wallpaper**

##### **“Gallery” → “Pictures”**

1. Highlight the file you wish to use as wallpaper.
2. Press [Options] and select “Set as Wallpaper”.

#### **Editing Pictures**

##### **“Gallery” → “Pictures”**

1. Highlight the file you wish to edit.
2. Press [Options] and select “Edit”.
3. Select “Picture editor” or “Composite”.
4. Select the desired option.

#### **Note**

- “Picture editor” may not be available depending on the original picture and copyright issued.

## Saving an Image to Phonebook Entries

This option can be only used for pictures saved in the handset memory.

### “Gallery” → “Pictures”

1. Highlight the file you wish to add to Phonebook.
2. Press [Options] and select “Add to Contacts”.

To overwrite, select the data you wish to save.

To save as a new entry, select “<As New Contact>”.

For details on entering a name, see “Adding a New Entry” on page 41.

## Downloading Picture Files

### “Gallery” → “Pictures” → “Download More”




The picture file download site, SmarTone *iM!*, is displayed.

## Videos (M 6–2)

Video clips that are recorded by your phone’s video camera or video clips that are downloaded from mobile Internet sites can be viewed and organised.

## Playing Back Video Clip Files

### “Gallery” → “Videos”

1. Select the file you wish to play back.
  - To pause playback, press .
  - To resume, press  again.
  - To stop playback, press .

## Note

- To switch between viewing handset or memory card content, select the first item in the options menu.

## Using a Video Clip as a Ring Video Clip

You can set your video clip to play back when the phone rings.

### “Gallery” → “Videos”

1. Highlight the desired video clip.
2. Press [Options] and select “Set as Ring Video”.

## Tip

- For other option menus, see “Common Option Menus” on page 88.

## Downloading Video Clip Files



### “Gallery” → “Videos” → “Download More”

The video clip file download site, SmarTone *iM!*, is displayed.

## SD Videos (M 6–3)

Video clips with the “ASF” format that are recorded by a video camera or downloaded from mobile Internet sites can also be managed with SD Videos.

### “Gallery” → “SD Videos”

1. Select the desired file.
  - To pause playback, press .
  - To resume, press  again.
  - To delete a file, highlight the file, press [Options] and select “Delete”.

### Note

- In order to manage video clips with SD Videos, perform recording as follows:  
[Options] → “Record Time” → “Extended Video” → “QVGA(asf)”.


## Music and Sounds (M 6–4)

The downloaded sound files and the AMR data recorded by Voice Recorder are managed in Music and Sounds. The default ringtones are not contained within Music and Sounds. Only the sound files that can be played back on the phone are stored in Music and Sounds.

### Playing Back Sound Files

“Gallery” → “Music and Sounds”

1. Select the file you wish to play back.

To stop playback, press .

### Note

- Playback may not be available for some sound files.
- To switch between viewing handset or memory card content, select the first item in the options menu.

### Using the Sound Files as a Ringtone

“Gallery” → “Music and Sounds”

1. Highlight the file you wish to use as a ringtone.
2. Press [Options] and select “Set as ringtone”.

### Tip

- For other option menus, see “Common Option Menus” on page 88.

### Downloading Sound Files

“Gallery” → “Music and Sounds” → “Download More”


The sound file download site, SmarTone *iM!*, is displayed.

## Themes (M 6–5)

You can easily customise the display by using the theme files.

### Viewing Previews

“Gallery” → “Themes”

1. Highlight the theme file you wish to preview.
2. Press .

The selected theme file is displayed.

### Note

- To switch between viewing handset or memory card content, select the first item in the options menu.

## Setting Theme

### **“Gallery” → “Themes”**

1. Select the desired theme file.

The selected theme file is set as the default theme.

### **Tip**

- *Even after a theme is set, you can set a wallpaper regardless of the set theme. In this case, the other items follow the set theme.*
- *For other option menus, see “Common Option Menus” on page 88.*

## Downloading Theme Files

### **“Gallery” → “Themes” → “Download More”**

The theme file download site, SmarTone *iN!*, is displayed.

## Text Templates (M 6–7)

You can register up to 50 text templates for use in text messages and multimedia messages. The maximum capacity of the text templates is 256 characters.

## Adding Phrases to Text Templates

### **“Gallery” → “Text Templates” → “Add New Template”**

1. Enter the text and press .

## Editing Text Templates

### **“Gallery” → “Text Templates”**

1. Highlight the text template you wish to edit.

2. Press [Options] and select “Edit”.

To view the text template, press .

To delete the text template, press [Options] and select “Delete”.

3. Modify the text and press .

## Sending Text Templates

### **“Gallery” → “Text Templates”**

1. Highlight the text template you wish to send.

2. Press [Options] and select “Send Template”.

## Other Documents (M 6–8)

Some types of files are stored in the Other Documents folder of the phone. You can edit and use these files as Gallery data.

### Opening a Document File

**“Gallery”** → **“Other Documents”**

1. Select the desired file.

#### Note

- To switch between viewing handset or memory card content, select the first item in the options menu.

#### Tip

- For other option menus, see “Common Option Menu”.

## Common Option Menus

For using the desired file type, first select the appropriate folder in the Gallery menu. Gallery contains the following folders.

**“Gallery”** → **“Pictures”**

**“Gallery”** → **“Videos”**

**“Gallery”** → **“SD Videos”**

**“Gallery”** → **“Music and Sounds”**


**“Gallery”** → **“Themes”**

**“Gallery”** → **“GSX™ & Java™”**

**“Gallery”** → **“Text Templates”**

**“Gallery”** → **“Other Documents”**

### Activating Files with Copyright Protection (DRM)

Some pictures, sound files, video clips and theme files have a digital copy protection program, which is called DRM (Digital Rights Management). You need to activate the digital licence permission to open the files. Files protected with DRM are displayed with .

1. Select the appropriate folder for the desired file type.
2. Highlight the file you wish to activate.
3. Press [Options] and select “Get Contents Key”.

#### Note

- Some pictures with DRM may not be opened even when an attempt is made to activate it.

## **Sending Gallery Data**

For details on *Bluetooth* wireless technology, see “Connectivity” on page 135.

1. Select the appropriate folder for the desired file type.
2. Highlight the desired file.
3. Press [Options] and select “Send”.
4. Select “As Message” or “Bluetooth”.

### **Tip**

- For details on creating a message, see “Creating a New Message” on page 66.
- For details on Bluetooth settings, see “Bluetooth” on page 135.

### **Note**

- Pictures/Sounds/Video clips protected by copyright cannot be sent attached to a message, with the exception of Separate Delivery files.
- Theme files can only be sent via Bluetooth. Select “Bluetooth” in step 4.
- When pairing, you need to enter your passcode when establishing contact with a Bluetooth wireless technology enabled device for the first time.

## **Receiving Gallery Data**

When the phone receives Gallery data, a confirmation message is displayed in standby.

1. Press [Yes].  
The received data is saved in the corresponding Gallery folder.

### **Tip**

- For details on Bluetooth wireless settings, see “Connectivity” on page 135.

## Using Gallery Data

You can copy, move, sort, rename, and delete the saved Gallery data.

1. Select the appropriate folder for the desired file type (page 88).
2. Highlight the desired file.
3. Press [Options] and select “Manage Items”.
4. Select the desired option.

“Sort”:	Sorts files according to a specific sequence.
“Rename”:	Renames the file or folder. Select the desired file or folder to rename.
“Create Folder”:	Creates a new folder.
“Change List View”:	Changes the list view.
“Delete all”:	Deletes all files in the folder.

### Note

- “Manage Items” is not available for “GSX™ & Java™” and “Text Templates”.

## To Delete the File

1. Select the appropriate folder for the desired file type (page 88).
2. Highlight the desired file.
3. Press [Options] and select “Delete”.

## To See the Gallery Details

1. Select the appropriate folder for the desired file type (page 88).
2. Highlight the file you wish to view the details of.
3. Press [Options] and select “Details”.

## Selecting Multiple Files

You can select more than one item from Gallery for moving, copying, managing and deleting.

### Note

- The following procedure applies except when the “Download More” function is highlighted.

1. Select the appropriate folder for the desired file type (p. 88).
2. Highlight the file you wish to select.
3. Press [Options] and select “Check”.
4. Repeat steps 2 and 3 until you select all the desired files.

### Tip

- To remove the check, highlight the file again and select “Uncheck” in step 3.
- If you wish to unselect all, select “Manage Items” in step 3 and select “Uncheck All”.
- You can quickly check, uncheck, check all or uncheck all items by using the [2 F], [4 C] and [6 M] keys.

[2 F]: Check/uncheck currently highlighted item

[4 C]: Checks all items in the current folder

[6 M]: Unchecks all checked items in the current folder

## Memory Status (M 6–9)

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

Handset Memory: Applications, Pictures, Videos, Sounds, Themes, Others, Used and Free

Memory Card: Pictures, Videos, Sounds, Themes, Others, Used and Free

### “Gallery” → “Memory Status”

1. Select “Handset Memory” or “Memory Card”.

## **Games & Applications (M 1)**

### **GSX™ & Java™ Gallery (M 1–1)**

The list of Java™ applications is displayed.



Downloaded applications are displayed in order starting from the latest one.

#### **Downloading Applications**

**“Games & Applications”** → **“GSX™ & Java™ Gallery”**  
→ **“Download More”**

1. Select the desired application.

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.


2. Press  to start downloading.
3. Press  when finished.

#### **Note**

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

#### **Executing Applications**

**“Games & Applications”** → **“GSX™ & Java™ Gallery”**

1. Select the title of the application you wish to execute.  
The selected application is executed. When using network connection type applications, connection to the network can be selected.
2. To end the application, press  and select “End”.

#### **Setting as a Screensaver for the Display**

**“Games & Applications”** → **“GSX™ & Java™ Gallery”**

1. Highlight the file you wish to use as a screensaver.
2. Press [Options] and select “Set as Screensaver”.

## Setting Permission

You can set permission for selected Java™ applications.

**“Games & Applications” → “GSX™ & Java™ Gallery”**

**1.** Highlight the desired Java™ application.

**2.** Press [Options] and select “Permission”.

**3.** Select one of the following options:

- |                     |  |
|---------------------|--|
| “Phone Call”:       | Sets permission to make voice calls.   |
| “Network Access”:   | Sets permission to access the network.   |
| “Messaging”:        | Sets permission to perform SMS messaging.  |
| “Autorun”:          | Sets permission to perform the Autorun function.   |
| “Local Connection”: | Sets permission to connect to local devices.   |
| “Read User Data”:   | Sets permission to read user data, such as Phonebook entries, mailbox (Inbox) and Gallery data.              |
| “Write User Data”:  | Sets permission to write entries in your phone, such as Phonebook entries, mailbox (Inbox) and Gallery data. |
| “Use Multimedia”:   | Sets permission to use the multimedia recording.   |

**4.** Select one of the following options:

- |             |   |
|-------------|---|
| “Session”:  | The confirmation message is not displayed until you exit the application, while execution of network access is authorised.                              |
| “Ask Once”: | The confirmation message is displayed every time network access is executed.  |
| “Blanket”:  | The confirmation message is not displayed until the application is deleted or you change the settings, while execution of network access is authorised. |
| “No”:       | Execution of network access is not authorised.  |

### Note

- To clear all the permission settings, select “Reset” in step 3.
- Some permissions are not available for some Java™ applications.
- “Read User Data” and “Write User Data” may not be available in step 3.

## Viewing Application Information

You can check the information of Java™ applications.

**“Games & Applications”** → **“GSX™ & Java™ Gallery”**

1. Highlight the desired Java™ application.
2. Press [Options] and select “Information”.

## Deleting an Application

You can delete an application in the folder.

**“Games & Applications”** → **“GSX™ & Java™ Gallery”**

1. Highlight the desired Java™ application.
2. Press [Options] and select “Delete”.

## Java™ Settings (M 1–2)

### Application Volume

You can set the volume of the application such as the sound effect to one of the five levels or silent. When the profile is set to “Silent”, the “General Volume” setting (p. 110) has priority.

**“Games & Applications”** → **“Java™ Settings”** → **“Application Volume”**

1. Press ▲ (or ▶) to increase the volume or press ▼ (or ◀) to decrease the volume and then press ○.

### Backlight

**“Games & Applications”** → **“Java™ Settings”** → **“Backlight”** → **“Switch On/Off”**

1. Select from “Always On”, “Always Off” or “Normal Settings”.

“Always On”:	Lit while the application is operated.
“Always Off”:	Unlit while the application is operated even if a key is pressed.
“Normal Settings”:	Works with the main backlight setting (p. 117).

## 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.

**“Games & Applications”** → **“Java™ Settings”** → **“Backlight”** → **“Blink”**

1. Select “On” or “Off”.

## Vibration

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




**“Games & Applications”** → **“Java™ Settings”** → **“Vibration”**

1. Select “On” or “Off”.

## Calls & Alarms

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

**“Games & Applications”** → **“Java™ Settings”** → **“Calls & Alarms”**

1. Select “Voice Call”, “Video Calling”, “Incoming Message” or “Alarm”.
2. Select the desired method.
  - “Call Priority”, “Message Priority” or “Alarm Priority”:  
The application is suspended automatically, and you can receive a call or a message, or the alarm will sound. After finishing the call or sending the message, or when the alarm ends, the suspend indicator (  ) is displayed letting you know there is a suspended application.
  - “Call Notice”, “Message Notice” or “Alarm Notice”:  
The marquee (character scrolls) is displayed on the first line of the screen while the application continues. If you press , the application is suspended, and you can receive a call. After finishing the call or sending the message, the suspend indicator (  ) is displayed letting you know there is a suspended application.

## Set Java™ Wallpaper

You can set Java™ Wallpaper for the standby screen.

To Switch the Java™ Wallpaper On or Off

***“Games & Applications” → “Java™ Settings” → “Set Java™ Wallpaper” → “Switch On/Off”***

1. Select “On” or “Off”.

To Set the Activation Time

***“Games & Applications” → “Java™ Settings” → “Set Java™ Wallpaper” → “Activation Time”***

1. Enter the activation time in two digits using the keypad.

To Set the Suspend Time

***“Games & Applications” → “Java™ Settings” → “Set Java™ Wallpaper” → “Suspend Time”***

1. Set the desired time period from “after 15 min.” to “after 6 hours”.

## Default Settings

***“Games & Applications” → “Java™ Settings” → “Set to Default”***

1. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

## Clearing All Memory

***“Games & Applications” → “Java™ Settings” → “Memory All Clear”***

1. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

## Java™ Information (M 1–3)

***“Games & Applications” → “Java™ Information”***

The information about the licences belonging to Java™ is displayed.

## **Organiser (M 3)**

### **Calendar (M 3–1)**

The calendar allows you to easily schedule appointments.

These entries can also be sent via *Bluetooth* wireless technology to a PC to share the same schedules. When you exchange entries with other devices, the date and time displayed may be different to that of the original data depending on the data format of the receiving device.

#### **Creating a New Entry**

**“Organiser” → “Organiser” tab → “Calendar”**

1. Select the desired day to which you want to add an event.
2. Select “Add New Entry”.
3. Enter the subject.
4. Enter the start date and time.
5. Select the reminder time.  
When selecting “Other”, enter the desired reminder date and time.
6. Select the desired category.
7. Press [Save].

#### **Note**

- If the date and time settings have not been entered, the date and time entry screen is displayed (p. 119).
- The reminder will not sound when “General Volume” (p. 110) is set to “Silent”.
- Quick Entry is available if you press [8 <sup>TM</sup>] in the Calendar screen. Select the desired category and press [Select].

#### **To Change the Settings**

1. Select the item you wish to change in the New Entry screen.
  - “Reminder”:  
Sets options including “Reminder Time”, “Assign Tone/Video” and “Duration” for the reminder.
  - “Repeat”:  
Sets the number of times the reminder sounds.
  - “Location”:  
Sets the location for the schedule entry.
  - “Description”:  
Enables entering a memo for the schedule entry.
  - “Secret”:  
Sets to show or hide the schedule entry. Set to “On” to make the data secret or select “Off” to leave it as it is.

## Viewing a Schedule Entry

**“Organiser”** → **“Organiser” tab** → **“Calendar”**

1. Select the day you wish to view.
2. Select the desired entry.







### To Search by Date

1. In any view, press [Options] and select “Go to”.
2. Select “Today” to display today or “Enter Date” to enter the desired date.







### Tip

- In the monthly, 2-month or weekly view, you can control the view by using the following:

Monthly or 2-month view

-  : Displays the previous month.
-  : Displays the next month.
-  : Switches the view.
-  : Moves the cursor to today.
-  : Moves the cursor to left (the previous day) or to right (the next day).
-  : Moves the cursor upward (last week) or downward (next week).

### Weekly view

-  : Displays the previous week.
-  : Displays the next week.
-  : Switches the view.
-  : Moves the cursor to today.
-  : Moves the cursor to left (the previous day) or to right (the next day).
-  : Moves the weekly view up or down (the previous hour or next hour).

## Setting a Holiday

In the weekly or monthly view, you can highlight a date or days of the week with seven colour options.

**“Organiser”** → **“Organiser” tab** → **“Calendar”**

### For Date Colour

1. Highlight the day you wish to set.
2. Press [Options] and select “Set Holiday”.
3. Select “By Date” and then select the desired colour.

For Days of the Week Colour Setting

1. Press [Options] and select “Set Holiday”.
2. Select “By Week” and then select days of the week you wish to colour.
3. Select the desired colour.

### **Tip**

- *The selected date/days are also highlighted on the calendar on the standby screen.*

### **Note**

- *If the same date is set with both a date colour and a day of the week colour, the date is highlighted in the date colour.*
- *Up to 100 days can be set for the highlights.*

### **Finding a Schedule Entry**

**“Organiser”** → **“Organiser” tab** → **“Calendar”**

1. In any view, press [Options] and select “Find”.
2. Enter a few letters of the subject.  
Search results are displayed in time order.

### **Editing a Schedule Entry**

**“Organiser”** → **“Organiser” tab** → **“Calendar”**

1. Select the day you wish to edit.
2. Highlight the entry you wish to edit, press [Options], then select “Add New Entry”.

3. Select the desired item and modify the entry.
4. Press [Save].

### **Deleting Schedule Entries**

1. In any view, press [Options] and select “Delete”.
2. Select the desired option.

“This Appointment” (daily view):

Deletes the selected entry.

“All This Day” (weekly, monthly and 2-month view):

Deletes all entries for the selected day.

“All This Month” (monthly view):

Deletes all entries for the selected month.

“Last two months” (2-month view):

Deletes all entries for the selected two months.

“Up to Last Month” (monthly view):

Deletes all entries before the selected month.

“All Appointments” (monthly and 2-month view):

Deletes all entries in this application.

## Sending a Schedule Entry

**“Organiser”** → **“Organiser” tab** → **“Calendar”**

1. Select the day including schedule entries you wish to send.
2. Highlight the entry you wish to send, press [Options], then select “Send”.
3. Select “As Message” or “Via Bluetooth”.

For “Via Bluetooth”

For details, see “Bluetooth” on page 135.

### Note

- *When pairing, you need to enter your passcode when establishing contact with a Bluetooth wireless technology enabled device for the first time.*

## Receiving a Schedule Entry

When the phone receives a schedule entry, a confirmation message is displayed in standby.

1. Press [Yes].

The received entry is saved in the Calendar.

Press [No] to reject.

### Tip

- *For details on entering Bluetooth wireless settings, see “Connectivity” on page 135.*

## Viewing the Memory Status

1. In any view, press [Options] and select “Memory Status”.

## Alarms (M 3–2)

### Setting the Alarms

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

Note that you need to set the current date and time before setting the alarm function if it has not been done already.

**“Organiser”** → **“Organiser” tab** → **“Alarms”**

1. Select the blank line (—:—) you wish to set an alarm to.
2. Enter the desired time.
3. Press [Save].

## To Change the Settings

### 1. Select the item you wish to change in the Set Alarm screen.

- “Repeat”:  
Sets the number of times the alarm sounds.
- “Assign Tone/Video”:  
Assigns a tone or video clip file to the alarm.
- “Snooze”:  
Sets the snooze option.
- “Alarm Volume”:  
Sets the desired volume.  
The alarm will not sound when “Alarm Volume” is set to “Silent”. When the profile is set to “Silent”, the “General Volume” setting (p. 110) has priority.
- “Vibration”:  
Sets the vibration pattern of the alarm.  
For details on selecting a vibration, see “Vibration” on page 114.
- “Duration”:  
Sets the duration of the alarm.

## Resetting an Alarm

**“Organiser” → “Organiser” tab → “Alarms”**

1. Highlight the alarm you wish to reset.
2. Press [Options] and select “Reset Alarm”.

## Resetting All Alarms

**“Organiser” → “Organiser” tab → “Alarms”**

1. Select “Clear All”.

## Stopwatch (M 3–3)

You can store 4 lap times when using the stopwatch function.

**“Organiser” → “Organiser” tab → “Stopwatch”**

1. Press **⏻** to start.  
Press [LAP] to view the lap time before the stopwatch stops. Last 4 lap times are saved.
2. Press **⏻** to stop.

### Tip

- You can save a record of lap times and the stop time by pressing [Options] and selecting “Save to Templates”.

### Resetting Time

1. After stopping the stopwatch, press [Options] and select “Reset”.

## Tasks (M 3–4)

You can save your schedule as task entries for a given date or time.

### Creating a New Entry

**“Organiser” → “Organiser” tab → “Tasks”**

1. Select “Add New Entry”.
2. Enter the subject.
3. Enter the due date and time.
4. Press [Save].

### Note

- If the date and time settings have not been entered, the date and time entry screen is displayed (p. 119).

### To Select the Reminder Time

1. On the New Entry screen, select “Reminder”.
2. Select “Reminder Time”.
3. Select the reminder time.  
When selecting “Other”, enter the desired reminder date and time.

#### To Change the Type of Alarm Tone or Video Clip File

1. On the New Entry screen, select “Reminder”.
2. Select “Assign Tone/Video”.
3. Select “Select sound” and then select “Preset Sounds” or “Music and Sounds”, or select “Select Video”.
4. Select the desired tone or video clip file.

For details on selecting a tone, see “Assigning a Ringtone for an Incoming Call” on page 111.

#### To Change the Duration of Alarm Tone or Video

1. On the New Entry screen, select “Reminder”.
2. Select “Duration”.
3. Select the desired duration.

#### To Change the Description


1. On the New Entry screen, select “Description”.
2. Enter a memo for the task entry.

#### To Mark the Entry Secret

1. On the New Entry screen, select “Secret”.
2. Select “On” to mark the data secret or select “Off” to leave it as it is.


#### Marking the Entry as Completed or Uncompleted

**“Organiser” → “Organiser” tab → “Tasks”**

1. Highlight the desired entry.
2. Press .
3. On the view screen, press [Options] and select “Check”.  
To make the entry incomplete, select “Uncheck”.

## Finding a Task Entry

**“Organiser”** → **“Organiser” tab** → **“Tasks”**

1. Press [Options] and select “Find”.
2. Enter a few letters of the subject and press .  
Search results are displayed in time order.

## Sending a Task Entry

**“Organiser”** → **“Organiser” tab** → **“Tasks”**

1. Highlight the task entry you wish to send.
2. Press [Options] and select “Send”.
3. Select “As Message” or “Via Bluetooth”.

For “Via Bluetooth”

For details, see “Bluetooth” on page 135.

### Note

- *When pairing, you need to enter your passcode when establishing contact with a Bluetooth wireless technology enabled device for the first time.*

## Viewing the Memory Status

**“Organiser”** → **“Organiser” tab** → **“Tasks”**

1. Press [Options] and select “Memory Status”.

## Deleting Entries

**“Organiser”** → **“Organiser” tab** → **“Tasks”** → **[Options]**  
→ **“Delete”**

1. Select the desired option.
  - “This Task”:  
Deletes the selected entry.
  - “All Completed Tasks”:  
Deletes all marked as  
“Completed” entries.
  - “All Tasks”:  
Deletes all entries.

## World Clock (M 3–5)

### Setting the Time Zone

**“Organiser”** → **“Organiser” tab** → **“World Clock”**

1. Press [Edit] and select “Set Time Zone”.  
The current time zone is indicated by red line on the world map.
2. Press ◀ or ▶ to change the time zone.
3. Press ⦿.

To Set the Custom Time Zone

**“Organiser”** → **“Organiser” tab** → **“World Clock”**

1. Press [Edit] and select “Set Time Zone”.
2. Press [Options] and select “Set Custom Zone”.
3. Enter the desired city name and time.

### Setting Daylight Saving

**“Organiser”** → **“Organiser” tab** → **“World Clock”**

1. Press [Edit] and select “Daylight Saving”.
2. Select “On” or “Off”.

## Countdown Timer (M 3–6)

**“Organiser”** → **“Organiser” tab** → **“Countdown Timer”**

1. Enter the time to count.  
You can set the time from 1 second to 60 minutes.
2. Press ⦿ to start counting.
3. Press ⦿ to pause.  
Press ⦿ again to continue counting.
4. If the countdown has finished, press [Cancel] and then press ⦿ to start the countdown again.

### Editing the Countdown Time

1. In the countdown start screen, press [Options] and select “Edit”.
2. Modify the desired time.

## Calculator (M 3-1)

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

**“Organiser”** → **“Utilities” tab** → **“Calculator”**



Key operations for calculation are as follows:

To enter a decimal point, press  $\frac{\square}{\square}$ .

To clear the entered number or function, press [Clear].

To do the calculations, press  $\odot$ .

To start a new calculation, press [Clear].

## Rate Conversion

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

**“Organiser”** → **“Utilities” tab** → **“Calculator”** → **[Options]** → **“Currency Converter”** → **“Exchange Rate”**

1. Select “Domestic” or “Foreign”.
2. Enter the currency conversion rate.

To Convert a Value

**“Organiser”** → **“Utilities” tab** → **“Calculator”**

1. Enter the value to be converted.
2. Press [Options] and select “Currency Converter”.
3. Select “Convert to Domestic” or “Convert to Foreign”.

## Voice Recorder (M 3-▶-2)

This allows you to record a voice clip, which can be used to remind you of schedule entries or be sent within a multimedia message. The recorded voice clip is saved in Music and Sounds. Voice clips are saved in .amr format.

### Recording a Voice Clip



1. Press to start recording.

To stop recording before the recording time is over, press .

2. Select “Save” to save the voice clip.

### Note

- Press (or ) or (or ) to adjust the sound volume when playing back the recorded file.

### Sending Voice Clips



1. Press to start recording.

To stop recording before the recording time is over, press .

2. Select “Save and Send”.

### Selecting the Record Time

→ [Options] → “Record Time”

1. Select “For Message” or “Extended Voice”.

When selecting “Extended Voice”, voice clips are automatically saved in the memory card.

### Selecting Storage Memory

→ [Options] → “Save Recording to”

1. Select the desired location.

When selecting “Choice”, you can select the location when saving a voice clip.

## Expenses Memo (M 3-3)

You can record an expenses memo with pre-defined or edited categories.

### Recording in the Expenses Memo (M 3-3-1)

**“Organiser”** → **“Utilities” tab** → **“Expenses Memo”** → **“Add New Expense”**

1. Enter the expenses using the digit keys.
2. Select the desired category.

Expenses memo is registered.

### Viewing Totals (M 3-3-2)

**“Organiser”** → **“Utilities” tab** → **“Expenses Memo”** → **“Totals”**

Recorded expenses are displayed on the screen.

### To Change Category

1. In the total view, highlight the desired item.
2. Press [Options] and select “Change Category”.
3. Select the desired category.

### To Change Amount

1. In the total view, highlight the desired item.
2. Press [Options] and select “Change Amount”.
3. Enter the desired amount using the digit keys.

### To Delete a Recorded Item or All Items

1. In the total view, highlight the desired item.
2. Press [Options] and select “Delete Item” or “Delete All”.

### Editing the Category Name (M 3-3-3)



**“Organiser”** → **“Utilities” tab** → **“Expenses Memo”** → **“Edit Category”**

1. Select the desired category name.
2. Modify the name.

## Phone Help (M 3-4)

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

**“Organiser”** → **“Utilities” tab** → **“Phone Help”**

1. Press  or .

## **SIM Application (M 10)**

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

## **Settings (M 9)**

### **Profiles**

The ringtone, sound, vibration and light settings can be customised for each profile according to your environment.

There are 6 profiles: “Normal”, “Meeting”, “Activity”, “Car”, “Headset” and “Silent”.

### **Activating a Profile**


**“Settings” → “Profiles” tab**

1. Select the desired profile.

#### **Note**

- *When a profile is set, the corresponding indicator described on page 19 is displayed in standby.*

#### **Tip**

- *In standby, long press  to switch Profiles between Silent mode and the profile most recently activated.*

### **Resetting Profile Settings**

**“Settings” → “Profiles” tab**

1. Highlight the profile you wish to reset.
2. Press [Options] and select “Set to Default”.
3. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

### **Volume**

You can adjust the volume for incoming voice calls, SMS/MMS/Email messages and other sounds (“General Volume”) to one of six levels.

**“Settings” → “Profiles” tab**

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Volume”.
4. Select “For Incoming Call”, “For New Message” or “General Volume”.

5. Press ▲ (or ►) to increase the ringer volume or press ▼ (or ◀) to decrease the ringer volume and then press ○.

To select “Silent”, press ▼ (or ◀) at level 1.

### **Tip**

- You can select from two levels or an increasing volume, when selecting the “Silent” profile.

### **Assigning a Ringtone for an Incoming Call**

You can set a ringtone for incoming voice calls and video callings. You can select from different tones including patterns, sound effects and melodies or set a sound in Saved Sounds as the default ringtone.

#### **“Settings” → “Profiles” tab**

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Ringtone/Ringvideos”.
4. Select “For Voice Call” or “For Video Calling”.
5. Select “Assign Tone”.
6. Select “Preset Sounds” or “Music and Sounds”.

7. Highlight the ringtone you wish to use.

To hear the demo play, press [Options] and select “Play”.

8. Press [Options] and select “Assign” for “Preset Sounds”.


### **Note**

- Even if you delete a sound that is being used as a ringtone, the setting remains the same and the default ringtone sounds.
- Melodies can be selected from “Music and Sounds” and “Preset Sounds”.

### Assigning a Ring Video Clip for an Incoming Call

You can set a ring video clip for incoming voice calls and video callings. You can set a video clip in Saved Videos as the default ring video clip.

#### **“Settings”** → **“Profiles” tab**

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Ringtone/Ringvideos”.
4. Select “For Voice Call” or “For Video Calling”.
5. Select “Assign Video”.
6. Highlight the ring video clip file you wish to use.  
To preview the file, press [Options] and select “Play”.
7. Press .

### Message Notification

When receiving messages, your phone will notify you of their arrival with the ringtone or ring video clip you specify.

#### **“Settings”** → **“Profiles” tab**

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Ringtone/Ringvideos”.
4. Select “For New Message”.

5. Select “Assign Tone” or “Assign Video”.  
If “Assign Tone” is selected, select “Preset Sounds” or “Music and Sounds”.
6. Highlight the desired ringtone or ring video clip.  
For details on selecting a ringtone or a ring video clip, see “Assigning a Ringtone for an Incoming Call” on page 111 or “Assigning a Ring Video Clip for an Incoming Call”.
7. Press [Options] and select “Assign” for “Preset Sounds”.
8. Select “For New Message” and select “Duration”.
9. Enter the desired duration of message notification in 2 digits using the digit keys.

## Keypad Tones

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

### ***“Settings”*** → ***“Profiles” tab***

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “System Sounds”.
4. Select “Keypad Tones”.
5. Highlight the desired tone pattern.
6. Press [Options] and select “Assign”.

## Warning Tone

Your phone can be set to emit a warning tone when an error occurs.

### ***“Settings”*** → ***“Profiles” tab***

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “System Sounds”.
4. Select “Warning Tone”.
5. Select “Sound” or “Duration”.

For “Sound”, select “Off”, “Preset Sounds” or “Music and Sounds”.

For “Duration”, select the desired time between 0.5 and 2 seconds.

## Power On/Off Sound

Your phone can be set to emit a sound when it is switched on or off.

### ***“Settings”*** → ***“Profiles” tab***

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “System Sounds”.
4. Select “Power On Sound” or “Power Off Sound”.
5. Select “Sound” or “Duration”.

For “Sound”, select “Off”, “Preset Sounds” or “Music and Sounds”.

For “Duration”, enter the desired duration of sound in 2 digits using the digit keys.


## Vibration

### **“Settings”** → **“Profiles” tab**

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Vibration”.
4. Select “For Incoming Call” or “For New Message”.
5. Select “Switch On/Off” and then select “On” to activate.

If you wish to change the vibration pattern, select “Vibration Pattern” and then select the desired option.

### **Tip**

- When you select “On” in step 5, “” is displayed in standby.

## Event Light

You can set the Small Light to flash when receiving an incoming call or a new message.

### **“Settings”** → **“Profiles” tab**

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Event Light”.

4. Select the desired option.

“For Voice Call”:	Flashes when an incoming voice call is received.
“For Video Calling”:	Flashes when an incoming video calling is received.
“For New Message”:	Flashes when a new message is received.

## Status Light


You can set the Small Light to flash when you miss any incoming calls or new messages.

### **“Settings”** → **“Profiles” tab**

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Status Light”.
4. Select the desired option.

“For Missed Call”:	Flashes when an incoming voice call is missed.
“For New Message”:	Flashes when a new message is missed.

## Any Key Answer

You can answer a call by pressing any key except  or [Busy]. For details, see page 22.

### “Settings” → “Profiles” tab

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Any Key Answer”.
4. Select “On” or “Off”.

## Phone Settings

### Setting the Display (M 9-▶-1)

You can change the display settings.

### Setting the Wallpaper (M 9-▶-1-1)


Your phone includes preset pictures to be used as wallpaper in standby. Pictures taken with the phone’s digital camera or images downloaded from a WAP site can also be used as wallpaper.

### “Settings” → “Phone Settings” tab → “Display Settings” → “Wallpaper”

1. Select the folder in which the picture you wish to set is contained.

Pictures can be selected from “Preset Pictures”, “Pictures” or “Other Documents”.

2. Select the desired picture.

3. After displaying the picture, press .

### Note

- Some pictures cannot be used because of their picture and data types.
- Wallpaper can be linked to a theme. Select “Link to Theme” in step 1.

## Themes (M 9-1-2)

You can easily customise the display by using the theme files. The theme files downloaded from a WAP site can be used.

**“Settings”** → **“Phone Settings” tab** → **“Display Settings”** → **“Themes”**

1. Select “Preset Themes” or “My Themes”.
2. Select the desired theme file.

### Tip

- Even after a theme is set, you can set a wallpaper regardless of the set theme. In this case, the other items follow the set theme.

## Assigning Pictures (M 9-1-3)

Pictures can be displayed when turning the power on or off, when receiving an incoming call, or when operating the alarm.

Pictures taken with the phone’s digital camera or images downloaded from a WAP site can be used.

To Set Built-in Pictures

**“Settings”** → **“Phone Settings” tab** → **“Display Settings”** → **“Assign Pictures”**

1. Select the desired function to set the picture to.
2. Select “Default” when you select “Power On” or select “Power Off” in step 1.

Select “Pattern 1”, “Pattern 2” or “Pattern 3” when you select “Incoming” or “Incoming Video Calling” in step 1.

To Set Saved Pictures

**“Settings”** → **“Phone Settings” tab** → **“Display Settings”** → **“Assign Pictures”**

1. Select the desired function to set the picture to.
2. Select “Pictures”.
3. Select the desired picture.
4. After displaying the picture, press Ⓞ.
5. Specify the area you wish to display using the navigation keys, then press Ⓞ.

### Note

- Some pictures cannot be used because of their picture and data types.

### Setting the Standby Display (M 9-☉-1-4)

You can set the standby screen display.

**“Settings”** → **“Phone Settings” tab** → **“Display Settings”** → **“Standby Display”**

1. Select “Clock/Calendar”, “Display icons” or “Show Operator Name”.

### Setting the Greeting Message (M 9-☉-1-5)

You can set the message which is displayed when the phone is turned on.

**“Settings”** → **“Phone Settings” tab** → **“Display Settings”** → **“Greeting Message”**

1. Select “Switch On/Off” and then select “On” or “Off”.

#### Tip

- If you wish to edit the message, select “Edit Message” in step 1 and enter a message (up to 10 characters).

### Backlight (M 9-☉-1-6)

The backlight will shut off if you do not press the keypad for a certain length of time. You can specify a desired time to elapse before the backlight shuts off, which will help conserve battery life.

#### Tip

- When you purchase this phone, Backlight is set to 15 seconds.

To Select the Backlight Time Out

**“Settings”** → **“Phone Settings” tab** → **“Display Settings”** → **“Backlight”** → **“Time Out”**

1. Select the desired time.  
Select “Off” to shut it off.

To Adjust the Brightness of the Backlight

**“Settings”** → **“Phone Settings” tab** → **“Display Settings”** → **“Backlight”** → **“Brightness”**

1. Press ☀ (Light) and 🌑 (Dark) to switch between 4 levels of clarity.
2. Press ☉.

### Setting the Display Saving (M 9-▶-1-7)

The screen of this phone will automatically turn off after a given amount of time. You can change the length of time before the Display Saving goes into effect, which will help conserve battery life.

**“Settings”** → **“Phone Settings” tab** → **“Display Settings”** → **“Display Saving”**

#### 1. Select the desired time.

When you purchase this phone, Display Saving is set to 2 minutes.

#### Note

- *Display Saving does not work while you are using WAP or an application.*
- *To cancel the Display Saving: The display saving continues until either a key is pressed or there is an incoming alert. The first key press only cancels this function. You must press another key in order to enter any numerical or text value.*

### Sound Settings (M 9-▶-2)

You can use this menu to check or edit the current profile settings (except “Any Key Answer”).

**“Settings”** → **“Phone Settings” tab** → **“Sound Settings”**

### Slider Settings (M 9-▶-3)

You can set the action when sliding open or sliding close your phone.

**“Settings”** → **“Phone Settings” tab** → **“Slider Settings”**

To Set the Open Action for Calling

#### 1. Select “Calls on Open” and select the desired option.

- |                |  |
|----------------|--|
| “Accept Call”: | Enables answering an incoming call by sliding open the phone.  |
| “No Action”:   | Disables answering an incoming call by sliding open the phone. |

To Set the Close Action for Calling

#### 1. Select “Calls on Close” and select the desired option.

- |              |   |
|--------------|---|
| “End Call”:  | Enables terminating a call by sliding close the phone.  |
| “No Action”: | Disables terminating a call by sliding close the phone. |

To Set the Close Action for Locking

1. Select “Lock on Close”.
2. Select the desired time to elapse before the phone locks after sliding it close.

If you select “No Action”, sliding close the phone will not lock it.



### Date & Time (M 9-4)

You need to set the correct time and date in order for your phone’s various time-based functions to work correctly.

**“Settings” → “Phone Settings” tab → “Date & Time” → “Set Date/Time”**

1. Enter the day, month, year and time using the digit keys.

#### Tip

- When you enter the time in the 12-hour format, press  or  to switch between am and pm. The order in which the date and time is displayed is based on the format setting.




To Set Daylight Saving (M 9-4-2)

**“Settings” → “Phone Settings” tab → “Date & Time” → “Daylight Saving”**

1. Select “On” or “Off”.




To Set the Time Zone (M 9-4-3)

**“Settings” → “Phone Settings” tab → “Date & Time” → “Set Time Zone”**

1. Press  or  to select the home city to set.
2. Press .

To Customise the Time Zone

**“Settings” → “Phone Settings” tab → “Date & Time” → “Set Time Zone” → [Options] → “Set Custom Zone”**

1. Enter the city name.
2. Enter the time-zone differences using the digit keys.  
Press  or  to switch between – and +.
3. Press .

## World Clock (M 9-4-4)

For details, see page 105.

## To Select the Time Format (M 9-4-5)

**“Settings”** → **“Phone Settings” tab** → **“Date & Time”** → **“Time Format”**

1. Select “24 Hour” or “12 Hour”.

## To Select the Date Format (M 9-4-6)

**“Settings”** → **“Phone Settings” tab** → **“Date & Time”** → **“Date Format”**

1. Select from “D-M-Y”, “M-D-Y” or “Y-M-D”.

## Language Setting (M 9-5)

You can change the language displayed on the phone.

**“Settings”** → **“Phone Settings” tab** → **“Language”**

1. Select the desired language.

### Tip

- You can also change the input language on the text entry screen (p. 31).

### Note

- If you select “Automatic” in step 1, the language preset on the SIM/USIM card is selected.
- If the language preset on the SIM/USIM card is not supported, then the default language of the phone is selected.

## Shortcuts (M 9-6)

You can change the default shortcut action/assignment of the ▲, ▼, ◀, ▶, ☰ and ☲ soft keys with the Shortcuts menu.

The menu shows the current assignment of each of the above keys.

**“Settings”** → **“Phone Settings” tab** → **“Shortcuts”**

1. Highlight the key you wish to change.
2. Press [Assign].
3. Press ▲ and ▼ to scroll by item.
4. Press [Options] and select “Assign” to update the key for the highlighted item.

### Note

- If you are outside of your network area, the network-related items are not available.

### Tip

- You can clear the settings by selecting “Set to Default” in step 1.

## Master Reset (M 9-9)

You can return the settings for M1 to M12 to the default settings.

**“Settings”** → **“Phone Settings” tab** → **“Master Reset”**  
→ **“Reset Settings”**

### 1. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

#### **Note**

- *Some settings are not deleted by this function. Data stored in Phonebook, etc. is not deleted.*

To Reset All Settings for M1 to M12 and Delete All Created Data (M 9-9-2)

**“Settings”** → **“Phone Settings” tab** → **“Master Reset”**  
→ **“Reset All”**

### 1. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

## Other Settings

### Call Settings (M 9-1-1)

#### Voicemail & Diverts (M 9-1-1)

This service can be used to divert incoming calls that you cannot answer. Calls can be diverted to another phone number or to your Voicemail system.

#### **Note**

- *This service may not be available on all mobile phone networks. Contact your service provider for more information.*

To Access the Voicemail Centre

1. Long press  in standby.

To Activate the Voicemail Service

**“Settings” → “Other Settings” tab → “Call Settings” → “Voicemail & Diverts” → “Voicemail” → “Activate”**

1. Select one of the following options:

“Always”:	Diverts all calls without ringing.
“When Busy”:	Diverts incoming calls while you are talking on the phone.
“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 has no network service or is switched off.

If you select “No Answer”, select the period of time from 6 levels (05 to 30 seconds).

2. Press .

To Activate the Diverts Service

Select the appropriate option.


**“Settings” → “Other Settings” tab → “Call Settings” → “Voicemail & Diverts” → “Diverts”**

1. Select “Activate” or “By Service”.


If you select “By Service”, you can select further divert options.

2. Select from “Always”, “When Busy”, “No Answer” or “Not Reachable”.

If you select “No Answer”, select the period of time from 6 levels (05 to 30 seconds).

3. Enter a phone number to which you wish to divert calls or search for it in the Phonebook (p. 42).
4. Press .

#### **Note**

- When “Voice Calls” diverts are set to “Always”,  is displayed in standby.

To Check the Diverts Status

**“Settings”** → **“Other Settings” tab** → **“Call Settings”** → **“Voicemail & Diverts”** → **“Status”**

1. Select the diverts option you wish to check.

To Cancel the Diverts and Voicemail Service

Once you have changed the diverts settings, you can cancel them all with this service.

**“Settings”** → **“Other Settings” tab** → **“Call Settings”** → **“Voicemail & Diverts”** → **“Cancel All”**

### Call Waiting (M 9-1-1-2)

#### **Note**

- *This service may not be available on all mobile phone networks. Contact your service provider for more information.*

If you wish to be able to receive another incoming call while you have a call in progress, you must activate the Call Waiting service.

**“Settings”** → **“Other Settings” tab** → **“Call Settings”** → **“Call Waiting”**

1. Select “On”, “Off” or “Status”.

### Showing Your Number (M 9-1-1-3)

This lets you control whether to show your phone number when calling another party or not.

**“Settings”** → **“Other Settings” tab** → **“Call Settings”** → **“Show Your Number”**

1. Select “On”, “Off” or “Status”.

#### **Note**

- *Some networks do not support this service. Please check with your service provider for availability.*

## Restrict Calls (M 9-1-4)

This function lets you place restrictions on incoming and outgoing calls. To activate this option you will need the specified password, which is available from your service provider.

**“Settings” → “Other Settings” tab → “Call Settings” → “Restrict Calls”**

1. Select “Outgoing Calls” or “Incoming Calls”.

“Outgoing Calls”: Restricts outgoing calls.

“Incoming Calls”: Restricts incoming calls.

2. Select one of the following options:

(For “Outgoing Calls”)

“Bar All Outgoing Calls”: Restricts all outgoing calls except emergency calls.

“Bar International Calls”: Restricts all outgoing international calls.

“Only Local & Home”: Restricts all outgoing international calls except to your home country.

(For “Incoming Calls”)

“Bar All Incoming Calls”: Restricts all incoming calls.

“Bar if Abroad”: Restricts all incoming calls when you are outside of the coverage from your registered service provider.

3. Select one of the following options:

“All Services”: Restricts all services.

“Voice Calls”: Restricts all voice calls.

“Video Callings”: Restricts all video callings.

“Fax”: Restricts all fax calls.

“Messages”: Restricts all messages.

4. Select “On”, “Off” or “Status”.

5. Enter the network password.

To Cancel Settings

**“Settings” → “Other Settings” tab → “Call Settings” → “Restrict Calls”**

1. Select “Outgoing Calls” or “Incoming Calls”.

2. Select “Cancel All”.

3. Enter the network password.

## Rejecting an Incoming Call

You can register phone numbers you do not wish to answer.

To Reject the Registered Number

**“Settings” → “Other Settings” tab → “Call Settings” → “Restrict Calls” → “Rejected Numbers” → “Switch On/Off”**

1. Select “On” or “Off”.

To Register the Rejected Number

**“Settings” → “Other Settings” tab → “Call Settings” → “Restrict Calls” → “Rejected Numbers” → “Set Rejecting Number”**

1. Select a blank field.
2. Enter the desired number.

## Rejecting a Call when the Caller’s Number is Withheld

**“Settings” → “Other Settings” tab → “Call Settings” → “Restrict Calls” → “Withheld Call”**

1. Select “On” or “Off”.

## Changing the Network Password

**“Settings” → “Other Settings” tab → “Call Settings” → “Restrict Calls” → “Change N/W Password”**

1. Enter the old network password.
2. Enter a new network password.
3. Enter the new network password again.

If you enter the incorrect password, you are asked to enter the password again.

4. Press .

## Minute Minder (M 9---1-5)

Minute Minder function informs you of your talk time by sounding a tone after every minute.

**“Settings” → “Other Settings” tab → “Call Settings” → “Minute Minder”**

1. Select “On” or “Off”.

## Display Call Timer (M 9---1-6)

**“Settings” → “Other Settings” tab → “Call Settings” → “Display Call Timer”**

1. Select “On” or “Off”.

### Display Call Cost (M 9-▶-▶-1-7)

**“Settings”** → **“Other Settings” tab** → **“Call Settings”** → **“Display Call Cost”**

1. Select “On” or “Off”.

### Auto Redial (M 9-▶-▶-1-8)

**“Settings”** → **“Other Settings” tab** → **“Call Settings”** → **“Auto Redial”**

1. Select “On” or “Off”.

### Video Calling Settings (M 9-▶-▶-2)

Set various types of functions and services for video callings.

#### To Select an Image for the Alternative Image

You can select an image shown to the other party between the sub camera image and an alternative image from the saved picture files.

**“Settings”** → **“Other Settings” tab** → **“Video Calling Settings”** → **“Camera Picture”**

1. Select “Default Image” or “Alternative Image”.  
For “Default Image”, select “Internal Camera”, “External Camera” or “Alternative Image”.  
For “Alternative Image”, select “Preset Picture” or “Pictures”.

#### To Turn On or Off the Speaker

**“Settings”** → **“Other Settings” tab** → **“Video Calling Settings”** → **“Loudspeaker”**

1. Select “On” to turn on the loudspeaker or select “Off” to turn it off.

#### To Select the Picture Quality

Select the desired data format for your environment.

**“Settings”** → **“Other Settings” tab** → **“Video Calling Settings”** → **“Incoming Picture Quality”**

**“Settings”** → **“Other Settings” tab** → **“Video Calling Settings”** → **“Outgoing Picture Quality”**

1. Select “Normal”, “Quality Priority” or “Frame Rate Priority”.  
Select “Frame Rate Priority” to perform faster communication.

### To Set the Backlight

With this setting on, the phone's backlight is on when making a video calling.

**“Settings” → “Other Settings” tab → “Video Calling Settings” → “Backlight”**

1. Select “Always On”, “Always Off” or “As Normal Setting”.

The “As Normal Setting” option depends on the backlight setting of the display (p. 117).

### To Mute the Microphone

You can mute the microphone while making a video calling.

**“Settings” → “Other Settings” tab → “Video Calling Settings” → “Mute Microphone”**

1. Select “On” to mute or “Off” to cancel mute.

### To Assign Hold Guidance Picture

You can display an image saved in the phone on your display while you are putting a call on hold.

**“Settings” → “Other Settings” tab → “Video Calling Settings” → “Hold Guidance Picture”**

1. Select “Preset Picture” or “Pictures”.
2. Select the desired picture.

### Security Settings (M 9-3)

You can set various locks on your phone such as PIN Entry and Handset Lock.

**“Settings” → “Other Settings” tab → “Security Settings” → “Security Settings”**

#### Enabling/Disabling the PIN Code

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 registered on the SIM/USIM card and you should have been made aware of the code when you purchased the SIM/USIM card. Contact your service provider for further details.

Select “On” for “PIN Entry” and enter your PIN code if you wish to activate the PIN lock.

#### Note

- If you enter the wrong PIN code three times, the SIM/USIM card will lock. To remove the lock, contact your service provider or SIM/USIM card vendor.

### **To Change the PIN Code**

This allows you to change the PIN code registered on the SIM/USIM card. Before you change the PIN code, select “On” for “PIN Entry”.

Enter the existing PIN code for “Change PIN” after selecting “PIN Entry”, and enter a new PIN code twice.

### **To Change the PIN2 Code**

PIN2 is a second PIN code used to unlock certain features of a SIM/USIM card, such as Fixed Dialling and Call Cost metering. Not all SIM/USIM cards use the PIN2 code. This menu may not be displayed depending on the type of your SIM/USIM card.

Enter the existing PIN2 code for “Change PIN2”, and enter a new PIN2 code twice.

### **Handset Lock**

The Handset Lock prevents unauthorised use of the phone or certain features on the phone when the power is turned on. By setting this option on, your phone or certain features on your phone are locked until the correct handset code is entered.

Select “On” for “Handset Lock” if you wish to activate the Handset Lock.

### **Function Lock**

By setting this option on, all the functions of your phone will be locked until the correct handset code is entered.

Enter your handset code for “Function Lock” if you wish to activate the Function Lock.

### **To Turn Off the Function Lock**

Enter your handset code in standby to turn the Function Lock off.

### **Phonebook Lock**

The Phonebook Lock function prevents unauthorised use of your Phonebook.

Select “On” to lock or “Off” to unlock for “Phonebook Lock” and enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

## Showing Secret Data

By setting this option on, the hidden data can be displayed. Select “On” to display or “Off” to hide for “Show Secret Data”. Enter your handset code when you select “On”.

For details on the handset code, see “Changing the Handset Code”.

## Changing the Handset Code

The default handset code is “9999”.

Select “Change Handset Code” and enter the old handset code, then enter a new handset code twice.

## Internet Settings (M 9-4)

### Note

- In normal operations, you do not need to change the settings.
- Internet settings have already been entered in your phone depending on your service provider. You may have restrictions on viewing, deleting, copying or modifying the settings. Contact your service provider for details.

## Browser Settings (M 9-4-1)

“Settings” → “Other Settings” tab → “Internet Settings” → “Browser Settings” → “Create New”

“Profile Name”:	WAP profile name (Unique name)
“Proxy”:	Proxy setting for WAP (When “Use Proxy” is On)
“Access Point”:	Access point for WAP (When “Use Proxy” is Off)
“Use Proxy”:	Setting to connect by Proxy or not
“Home”:	Home page URL (When “Use Proxy” is Off)

## JAVA™ Settings (M 9-4-2)

“Settings” → “Other Settings” tab → “Internet Settings” → “JAVA™ Settings” → “Create New”

“Profile Name”:	Profile name for JAVA™ application (Unique name)
“Proxy”:	Proxy setting for JAVA™ application (When “Use Proxy” is On)
“Access Point”:	Access point for JAVA™ application (When “Use Proxy” is Off)
“Use Proxy”:	Setting to connect by Proxy or not

### Streaming Settings (M 9-4-3)

**“Settings”** → **“Other Settings” tab** → **“Internet Settings”** → **“Streaming Settings”** → **“Create New”**

“Profile Name”:	Profile name for streaming (Unique name)
“Proxy Address”:	Proxy address
“Proxy Port Number”:	Port number (1-65535)
“Access Point”:	Access point

### Proxy Settings (M 9-4-4)

**“Settings”** → **“Other Settings” tab** → **“Internet Settings”** → **“Proxy Settings”** → **“Create New”**

“Proxy Name”:	Proxy name (Unique name)
“Proxy Address”:	IP address
“Access Point”:	Access point
“Home”:	Home page URL
“Port Number”:	Port number (1-65535)
“Authentication Type”:	Authentication Type (“HTTP-BASIC” or “HTTP-DIGEST”)
“User Name”:	User name for authentication
“Password”:	Password for authentication

### Access Point Settings (M 9-4-5)

**“Settings”** → **“Other Settings” tab** → **“Internet Settings”** → **“Access Point Settings”** → **“Create New”**

“Access Point Name”:	Access point name (Unique name)
“APN”:	APN setting
“Authentication Type”:	Authentication type (“NONE”, “PAP” or “CHAP”)
“User Name”:	User name for access point
“Password”:	Password for access point
“DNS”:	DNS (Domain Name System)
“Linger Time”:	Linger Time (1-99999 sec.)

### Re-provisioning Settings (M 9-4-6)

**“Settings”** → **“Other Settings” tab** → **“Internet Settings”** → **“Re-provisioning Settings”** → **“Execute Pending”**

Clearing DNS Cache (M 9---4-7)

**“Settings”** → **“Other Settings” tab** → **“Internet Settings”** → **“Clear DNS Cache”**

To Activate the Browser/JAVA™/Streaming Profile

**“Settings”** → **“Other Settings” tab** → **“Internet Settings”**

1. Select “Browser Settings”, “JAVA™ Settings” or “Streaming Settings”.
2. Select the desired profile you wish to activate.

To Edit/Copy/Delete the Browser/JAVA™/Streaming/Proxy/Access Point Profile

**“Settings”** → **“Other Settings” tab** → **“Internet Settings”**

1. Select “Browser Settings”, “JAVA™ Settings”, “Streaming Settings”, “Proxy Settings” or “Access Point Settings”.
2. Highlight the desired profile.
3. Press [Options] and select the desired option.

“Edit”:                Modify the desired item  
“Copy”:              Enter the new file name  
“Delete”:            Press [Yes] to delete

**Network Settings (M 9---5)**

To Select a Service Automatically

Each time the power is turned on, your phone selects a service automatically.

**“Settings”** → **“Other Settings” tab** → **“Network Settings”** → **“Select Service”**

1. Select “Auto”.

### To Select a Network Automatically

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.

***“Settings” → “Other Settings” tab → “Network Settings” → “Select Network” → “Automatic”***

### To Select the Network Manually


***“Settings” → “Other Settings” tab → “Network Settings” → “Select Network” → “Manual”***

1. Select the desired network.

### To Add a New Network

***“Settings” → “Other Settings” tab → “Network Settings” → “Select Network” → “Add New Network”***

If there are no entries, press  and go to step 2.

If there is an entry, press  and perform the following steps.

1. Select “Add”.
2. Enter the country code (up to 3 digits).
3. Enter the network code (up to 3 digits).
4. Enter a new network name (up to 25 characters).
5. Enter either 2G (GSM) or 3G for the network type.

### To Edit the Preferred List

***“Settings” → “Other Settings” tab → “Network Settings” → “Select Network” → “Set Preferred”***

1. Select the name of the network you wish to edit.
2. Select “Insert” to insert over the selected position, “Add to end” to insert at the end or “Delete” to delete.

### Showing the Network Information

***“Settings” → “Other Settings” tab → “Network Settings” → “Network Information”***

Information about the operator is displayed.

## **Call Log (M 11)**

The phone will record the last 30 missed calls, received calls and dialled numbers.

### **Viewing Call Log**

#### ***“Call Log”***

1. Select from “All Calls”, “Dialled Numbers”, “Missed Calls” or “Received Calls”.

The selected call log list is displayed.

To switch logs, press ◀ or ▶.

2. Select the phone number you wish to view.

If you wish to dial the number, press ☎ to make a voice call or long press ☎ to make a video calling.

#### ***Tip***

- You can also confirm call logs by pressing ☎ in standby.

### **Sending Messages**

1. In the call log list, highlight the phone number or name you wish to send a message to.
2. Press [Options] and select “Create Message”.

For details on creating a message, see “Creating a New Message” on page 66.

### **Deleting a Call Log**

1. In the call log list, press [Options] and select “Delete” or “Delete All”.

## **Call Timers (M 11–5)**

This function lets you check the duration of your calls.

### **Checking the Duration of the Last Call and All Calls**

#### ***“Call Log” → “Call Timers”***

1. Select “Dialled Calls” or “Received Calls”.

### **Resetting Call Timers (M 11–5–3)**

#### ***“Call Log” → “Call Timers” → “Clear Timers”***

1. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

## Call Costs (M 11–6)

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 (M 11–6–1)

**“Call Log” → “Call Costs” → “Last Call”**

### Checking the Total Call Cost (M 11–6–2)

**“Call Log” → “Call Costs” → “All Calls”**

### Setting the Charge Rate (M 11–6–3)

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

**“Call Log” → “Call Costs” → “Cost Units” → “Set Units”**

1. Enter your PIN2 code.
2. Enter a currency unit (up to 3 characters).
3. Enter a cost per unit.

To enter a decimal point, press **[\* . \*]**.

### Setting the Charge Limit (M 11–6–6)

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

**“Call Log” → “Call Costs” → “Max Cost” → “Set Limit”**

1. Enter your PIN2 code.
2. Enter a value.

### Checking the Residual Credit (M 11–6–3)

**“Call Log” → “Call Costs” → “Residual Credit”**

### Resetting All Call Costs (M 11–6–4)

**“Call Log” → “Call Costs” → “Clear Costs”**

1. Enter your PIN2 code.

## Data Counter (M 11–7)

You can confirm the number of bytes used in the 3G (UMTS) and GSM transmission.

**“Call Log” → “Data Counter”**

1. Select from “Last Data” or “All Data”.

### Resetting All Data Counter (M 11–7–3)

**“Call Log” → “Data Counter” → “Clear Counter”**

## **Connectivity (M 12)**

By configuring the settings in this menu, you can connect to *Bluetooth* wireless technology enabled phones, as well as PCs (USB connection is possible using Data Cable accessory).

### **Bluetooth (M 12–1)**

For using the *Bluetooth* wireless function, you need to search for other *Bluetooth* wireless technology enabled devices to establish contact with your phone. Keep your phone within a distance of 10 metres from the devices before searching.

#### **Using the Bluetooth Wireless Function**

To Turn On or Off the Bluetooth Wireless Function (M 12–1–1)

**“Connectivity”** → **“Bluetooth”** → **“Switch On/Off”**

1. Select “On” or “Off”.

When “On” is selected, the *Bluetooth* wireless setting is activated, and “” is displayed.

To Show or Hide Your Phone (M 12–1–2)

**“Connectivity”** → **“Bluetooth”** → **“Visibility”**

1. Select the desired visibility settings.

“Show My Phone”:  
Allows other devices to recognise your phone.

“Hide My Phone”:  
Hides your phone from other devices.

To Search for Devices to be Paired (M 12–1–3)

A maximum of 16 devices can be searched for.

**“Connectivity”** → **“Bluetooth”** → **“Search for Devices”**

1. Select the desired device for pairing.
2. Enter the device passcode.

#### **Note**

- You can search for devices even when the *Bluetooth* wireless function is off. Once pairing is started, the phone turns the *Bluetooth* wireless function on automatically.
- You can only select one device for pairing. To change the paired device, see “To Activate the Paired Device” on page 136.
- Pairing means authentication has been established between the two devices.
- In order to pair two devices with *Bluetooth* wireless technology, the users should agree on the same passcode for both devices.
- The passcode is used only once, so there is no need to remember it. The passcode can be different each time the devices are connected.
- Devices that do not have a user interface (i.e., headsets and car kits) have a factory–set passcode. See the user guide for the device.


### Tip

- You can save battery power by turning the Bluetooth wireless function off while it is not in use. Turn the Bluetooth wireless function off in “To Turn On or Off the Bluetooth Wireless Function” on page 135 or in “To Turn Off Automatically” on page 137.
- During a call, you can divert voice calls to the paired handsfree device. Press [Options], select “Transfer Audio” and then “To Handset” or “To Bluetooth”.

### To Activate the Paired Device



Paired devices are listed by tabs for all devices for handsfree devices and for Audio devices.

#### **“Connectivity” → “Bluetooth” → “Paired Devices”**

1. Press  to switch to the list for handsfree devices.
2. Select the desired device you wish to activate.



### To Check the Paired Handsfree Devices

#### **“Connectivity” → “Bluetooth” → “Paired Devices”**

1. Press  to switch to the list for handsfree devices.
2. Highlight the desired handsfree device.
3. Press  to check the handsfree device.



### To Check the Audio Device


#### **“Connectivity” → “Bluetooth” → “Paired Devices”**

1. Press  twice to switch to the list for Audio devices.
2. Highlight the desired Audio device.
3. Press  to check the Audio device.

### To Rename or Delete the Paired Devices

#### **“Connectivity” → “Bluetooth” → “Paired Devices”**

1. Press  or  to switch between all paired devices and handsfree devices.
2. Highlight the desired device.
3. Press [Options].
4. Select “Change Name” or “Delete”.

You can rename or delete by pressing  after selecting desired device.

### To Send All Data to Other Devices (M 12–1–5)

You can send all the data for applications such as Phonebook, Calendar, Tasks to selected devices.

**“Connectivity” → “Bluetooth” → “Send All”**

1. Select the desired device.

If a device is not specified, searching starts automatically.

2. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

3. Select the desired data to send.

4. Enter the device passcode for unpaired devices.

#### **Note**

- *If the handsfree device is connected, the confirmation screen to deactivate the handsfree function is displayed. Press [Yes] to deactivate.*

### Bluetooth Wireless Settings (M 12–1–6)

With this setting you can rename your phone, prevent other devices from recognising your phone and turn the *Bluetooth* wireless function off automatically to save battery power, etc.

### To Rename Your Phone

You can rename your phone. The name is shown on other devices when your phone is detected.

**“Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Device Name”**

1. Enter the new device name.

### To Turn Off Automatically

**“Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Bluetooth Timeout”**

1. Select the desired time.

Your phone turns the function off automatically after the specified time.

### To Select the Sound Output

**“Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Sound Output”**

1. Select “Phone/Earphone” or “Bluetooth Device”.

### To Switch the Handsfree Settings

You can switch modes of the handsfree kit between two modes; talking with the handsfree kit or talking with the phone.

**“Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Handsfree Setting”**

1. Select “Handsfree mode” or “Private mode”.

“Handsfree mode”: For talking with the handsfree kit  
“Private mode”: For talking with the phone

## To Turn the Authentication Request On or Off

You can request the sender or receiver of the data to authenticate the passcode (exchanging the passcode) before pairing devices.

**“Connectivity”** → **“Bluetooth”** → **“Bluetooth Settings”**  
→ **“Authentication”**

1. Select “On” or “Off”.

### **Note**

- *No authentication is required for the paired devices.*
- *Even if you select “Off”, you may authenticate the passcode when the sender requests it.*

## To See Your Phone Details

**“Connectivity”** → **“Bluetooth”** → **“Bluetooth Settings”**  
→ **“My Phone Details”**

## Mass Storage (M 12–2)

You can set the phone to connect to a PC via Mass Storage mode.

**“Connectivity”** → **“Mass Storage”**

1. Press [Yes].

### **Note**

- *Activating Mass Storage mode also activates offline mode.*
- *Mass Storage is not available when the battery is low, a Java™ application is paused, Music Player is active, or a memory card is not inserted in your phone.*

## USB Charge (M 12–3)

You can set the phone to charge via USB, connected to a PC.

**“Connectivity”** → **“USB Charge”**

1. Select “Enable” or “Disable”.

## Card Settings (M 12–4)

### Formatting Memory Card

**“Connectivity”** → **“Card Settings”** → **“Format Card”**

1. Enter your handset code.

For details on the handset code, see “Changing the Handset Code” on page 129.

2. Press [Yes] to start formatting.

## Off Line Mode (M 12–5)

When the Off Line Mode is set to “On”, the phone cuts off the network connections and stops searching for available networks to connect. With this mode, you can play games or music even when you fly.

**“Connectivity” → “Off Line Mode”**

1. Select “On” or “Off”.

## Backup/Restore (M 12–6)

With a memory card inserted in your phone, you can make backup files of Bookmarks, Text, Phonebook entries, Calendar and Tasks in the handset memory to the memory card. You can also restore the backup data from the memory card.

### Making a Backup File (M 12–6–1)

**“Connectivity” → “Backup/Restore” → “Backup”**

1. Enter your handset code.  
For details on the handset code, see “Changing the Handset Code” on page 129.
2. Select the desired item to back up or “Select All” to back up all files.

### Restoring a Backup File (M 12–6–2)

**“Connectivity” → “Backup/Restore” → “Restore”**

1. Enter your handset code.  
For details on the handset code, see “Changing the Handset Code” on page 129.
2. Select the desired item to restore or “Select All” to restore all files.
3. Select the desired file to restore.  
A confirmation message indicating deletion from the handset memory is displayed.
4. Press [Yes] to start restoring.

#### **Note**

- To delete a backup file, highlight the desired item, press [Options] and select “Delete” after performing steps 1 to 3.

## **Connecting SX663 to Your PC**

(SX663 CD-ROM may be purchased separately.)

You can use the following functions by connecting the SX663 to your PC using a USB data cable or via *Bluetooth* wireless technology:

- 3G/GSM modem
- Handset Manager for SX663
- Music Manager for SX663
- Sync Manager for SX663

## **System Requirements**

Operating System:

Windows<sup>®</sup> 2000\*, Windows<sup>®</sup> XP\*\*, Windows<sup>®</sup> Vista

\* Service Pack 4 or later

\*\* Service Pack 2 or later

Supported Software:

Microsoft<sup>®</sup> Outlook/Outlook Express

Interface:

USB port or *Bluetooth* wireless port

CD-ROM drive

To use Music Manager, DirectX9 and Windows Media Player 9 or later are required.

## **3G/GSM Modem**

You can use SX663 as a 3G/GSM modem to access the Internet from your PC. Connect your phone to your PC via *Bluetooth* wireless technology or USB interface. Software installation on your PC is required.

### **Modem via the USB Data Cable**

- 1. Insert the CD-ROM into your PC's CD-ROM drive.**

The SX663 CD-ROM screen is displayed.

If the SX663 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.

- 2. Select the USB driver from the on-screen instructions of your CD-ROM, and start installation of USB driver software following the on-screen instructions of your CD-ROM.**

- During installation, the on-screen instructions ask you to connect your phone to your PC. Power on your phone and attach the phone to the USB port of your PC using the USB data cable (optional accessory).

- 3. Follow the on-screen instructions to complete installation.**

4. Select the modem driver from the on–screen instructions of your CD–ROM, and install modem driver software following the on–screen instructions of your CD–ROM.
5. Follow the on–screen instructions to use your phone as a modem driver.
  - When the on-screen instructions ask modem driver type, select the cable as a modem driver.

### **Modem via Bluetooth Connection**

1. Turn on the *Bluetooth* wireless function of your phone.  
For details, see “To Turn On or Off the Bluetooth Wireless Function” on page 135.
2. Pair your PC with your phone.  
For details on pairing your PC with your phone, see “To Search for Devices to be Paired” on page 135.
3. Insert the CD–ROM into your PC’s CD–ROM drive.  
The SX663 CD-ROM screen is displayed.  
If the SX663 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.

4. Select the modem driver from the on–screen instructions of your CD–ROM, and install modem driver software following the on–screen instructions of your CD–ROM.
5. Follow the on–screen instructions to use your phone as a modem driver.
  - When the on-screen instructions ask modem driver type, select *Bluetooth* as a modem driver.

### **Note**

- *Modem communication is not possible while communicating with the Handset Manager via Bluetooth wireless technology or USB interface.*
- *It is not recommended that you make or answer calls when you are using SX663 as a GSM/GPRS modem. The operation may be interrupted.*
- *Your phone exhausts the battery when connected to a PC, even when not communicating.*
- *For a detailed explanation on how to use the Modem driver, please click and refer to the help on the Modem Driver.*

## Handset Manager

You can transmit the following items between your phone and your PC, and can use Phonebook entries on your PC:

- Gallery files (pictures/sounds/video clips/Other Documents data)
- Phonebook entries
- Short messages
- Schedule entries

### Via USB Data Cable

#### 1. Insert the CD-ROM into your PC's CD-ROM drive.

The SX663 CD-ROM screen is displayed.

If the SX663 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.

#### 2. Select Handset Manager from the on-screen instructions of your CD-ROM, and start installation of Handset Manager software following the on-screen instructions of your CD-ROM.

- If you have not installed the USB driver, follow steps 2 and 3 on page 140.

#### 3. Follow the on-screen instructions to complete installation.

- During installation, the on-screen instructions ask you to select an interface. Select the USB data cable as an interface.

#### 4. Connect your phone to your PC. Power on your phone and attach the phone to the USB port of your PC using the USB data cable (optional accessory).

#### 5. Select [Yes] for Mass Storage mode.

For details on activating this mode, see "Mass Storage" on page 138.

#### 6. Launch Handset Manager from the relevant folder.

#### 7. Follow the on-screen instructions of Handset Manager.

## Via Bluetooth

### 1. Insert the CD-ROM into your PC's CD-ROM drive.

The SX663 CD-ROM screen is displayed.

If the SX663 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.

### 2. Select Handset Manager from the on-screen instructions of your CD-ROM, and start installation of Handset Manager software following the on-screen instructions of your CD-ROM.

### 3. Follow the on-screen instructions to complete installation.

- During installation, the on-screen instructions ask you to select an interface. Select *Bluetooth* as an interface.

### 4. Select [Yes] for Mass Storage mode.

For details on activating this mode, see “Mass Storage” on page 138.

### 5. Launch Handset Manager from the relevant folder.

### 6. Follow the on-screen instructions of Handset Manager.

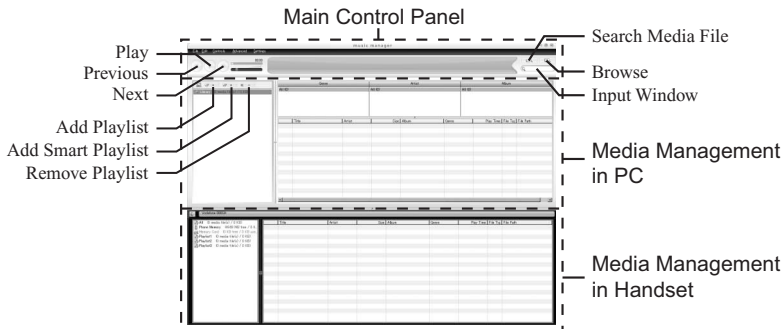
## Note

- *Some large files may not be able to be transmitted from the PC to the phone.*
- *Applications (Camera, Gallery, etc.) do not run when the phone is connected to the PC via Bluetooth wireless technology interface or USB data cable.*

- *If you have already installed Sharp Handset Manager, you need to uninstall the previous one.*
- *If you have trouble with installation, uninstall Handset Manager, restart your PC, reinstall Handset Manager and restart.*

## Music Manager

You can manage the playlist and exchange sound files on your PC. Available files are the sound files in the following formats: MP3, AAC, 3GPP.



### Main Control Panel

Control all the main actions from here.

- Play: Playing back a file.
- Previous: Returns to the top portion of the current file.
- Next: Jumps to the next file.
- Search Media File: Search media file.
- Browse: Browse all the media files sorted in Genre/Artist/Album.
- Input Window: Quickly find the media files in Library or the playlist with keyword entry.

### Media Management in PC

Media files in PC can be easily explored in 2 main columns.

- Add Playlist: Creating new playlist.
- Add Smart Playlist: Creating new smart playlist.
- Remove Playlist: Removing playlist.

### Media Management in Handset

Media files in Handset can be easily explored in 2 main columns.

- With the drag and drop operation, you can upload the sound files and the playlists from your PC, and also download them to your PC.
- With the drag and drop operation, you can change the order of tracks in the playlist of your PC.
- You can create a new playlist and delete an existing playlist.
- With the drag and drop operation, you can add a sound file to a playlist, and delete them from the playlist.
- You can edit the name of a playlist of your PC.
- You can edit the title, artist name, and album name of sound files of your PC. (only available in MP3 format)

### **Tip**

- *To add tracks from your PC into the Music Manager library, go to “Advanced” then search music tracks.*
- *Once you have created your list, drag the list to the SX663 area on Music Manager, and the files will be uploaded to the SX663. If one or more of the files is already stored on the handset, Music Manager will not upload them again; the playlist will play the track already uploaded.*
- *Music Manager also allows you to import existing playlists (M3U file type) that you may have created using other media programs.*
- *Use Smart Playlist to automatically add tracks to a playlist based on criteria you can select.*

## **Sync Manager**

You can synchronise the following data with the data of Microsoft® Outlook or Outlook Express on your PC.

- Phonebook entries.
- Schedule entries.

### **Tip**

- *You can set up Sync Manager to start up and synchronise automatically after you connect your phone to your PC via the USB data cable.*

## Troubleshooting

Problem	Solution
The phone does not turn on.	<ul style="list-style-type: none"><li>• Make sure the battery is properly inserted and charged.</li></ul>
PIN code or PIN2 code is rejected.	<ul style="list-style-type: none"><li>• Make sure you have entered the correct code (4 to 8 digits).</li><li>• Your SIM/USIM card/protected functions will become locked after three unsuccessful attempts.</li><li>• Contact your SIM/USIM provider if you do not have the correct PIN code.</li></ul>
The SIM/USIM card becomes locked.	<ul style="list-style-type: none"><li>• Enter the PUK code (8 digits) provided by your service provider (if supported).</li><li>• If the attempt is successful, enter the new PIN code and confirm your phone is operational again. Otherwise contact your dealer.</li></ul>

Problem	Solution
The display is difficult to read.	<ul style="list-style-type: none"><li>• Adjust the backlight brightness for the display.</li></ul>
Phone functions do not work after the phone is turned on.	<ul style="list-style-type: none"><li>• Check the radio signal strength indicator as you may be outside the service area.</li><li>• Check to see if any error message is displayed when you turn your phone on. If so, contact your dealer.</li><li>• Make sure the SIM/USIM card is correctly inserted.</li></ul>
Call quality is poor.	<ul style="list-style-type: none"><li>• 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.</li></ul>
Cannot send or receive text message.	<ul style="list-style-type: none"><li>• 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.</li></ul>

Problem	Solution
Calls cannot be made or received.	<ul style="list-style-type: none"> <li>• If the message “Insert SIM card” is displayed when the phone is switched on, you cannot use your SIM/USIM card or the SIM/USIM card is damaged. Contact your dealer or network service provider.</li> <li>• Check your call barring, fixed dialling setting, remaining battery and call forwarding settings.</li> <li>• Check if your phone is currently performing data communication using <i>Bluetooth</i> wireless technology interface or a USB data cable.</li> <li>• Check the remaining balance if you are using a pre-paid SIM/USIM card.</li> </ul>
Cannot access network service.	<ul style="list-style-type: none"> <li>• Check where your account has been registered and where the service is available.</li> </ul>
Limited memory available.	<ul style="list-style-type: none"> <li>• Delete any unnecessary data.</li> </ul>

Problem	Solution
Cannot connect to Multimedia Messaging Service provider.	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
Call is terminated unexpectedly.	<ul style="list-style-type: none"> <li>• Magnetised objects such as health necklaces placed near the phone may terminate the call. Keep your phone away from such objects.</li> </ul>
No entries are displayed in the Phonebook.	<ul style="list-style-type: none"> <li>• Confirm that the Source setting (Handset or SIM/USIM) is correct.</li> </ul>
Cannot receive OBEX data.	<ul style="list-style-type: none"> <li>• The OBEX data can only be received in standby.</li> </ul>

## **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 standby 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 standby 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 12.

### **Aerial Care**

- Do not cover the top of the phone (p. 10, No. 22) with your hand when in use as this may interfere with the performance of the built-in aerial. Call quality may deteriorate leading to shortened talk-time and standby time because the mobile phone has 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.
- 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 taken pictures can be saved in JPEG format.
- Be careful not to move your hand while taking pictures.  
If the phone moves while taking a picture, the picture can become 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.

## 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 malfunctions.

## Precautions Concerning Vehicle Use

- It is the user's responsibility to check the local laws governing the use of a mobile phone in vehicles. Pay full attention to driving. Pull off to the side of the road, park the car, and switch off the engine before making or answering a call.
- 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 1.215 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.

## **FCC NOTICE**

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

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

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

### **Exposure to Radio Waves**

#### **THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or

SAR. The SAR limit set by the FCC is 1.6 W/kg.\* Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station aerial, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.417 W/kg and when worn on the body, as described in this user guide, is 0.462 W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between the user's body and the back of the phone. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID APYHR000060.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://www.phonefacts.net>.

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

## **Out of Warranty List**

This limited warranty shall not apply in respect of the following:

- (i) Any deterioration due to normal wear and tear including all plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.
- (ii) Defects caused by the Product being subjected to any of the following: use in contradiction with the user guide, rough handling, exposure to moisture, dampness or extreme thermal or environmental conditions or rapid changes in such conditions, corrosion, oxidation, unauthorised modifications or connections, unauthorised opening or repair, repair by use of unauthorised spare parts, misuse, improper installation, accident, forces of nature, spillage of food or liquid, influence from chemical products or other acts beyond Sharp's reasonable control (including but not limited to lifetime, and breakage of or damage to aerials) unless the defect was caused directly by defects in materials or workmanship.
- (iii) Products in respect of which the product serial number or the IMEI number has been removed, erased, defaced, altered or made illegible.
- (iv) Defects caused by the fact that the Product was used with or connected to a product or an accessory not manufactured or supplied by Sharp or was used other than for its intended use.
- (v) Defects caused by a defective function of the cellular network.
- (vi) Defects caused by the fact that the battery was short-circuited or seals of the battery enclosure or cells were broken or show evidence of tampering or the battery was used in equipment other than for which it has been specified.
- (vii) Defects caused by the need to upgrade Products software due to changes in cellular network parameters.
- (viii) Products operated outside published maximum ratings.
- (ix) Products rented on a monthly basis.

### **Charger Plug:**

Do not use the AC Charger if the plug does not fit the socket.

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