# Introduction

Congratulations on your new Sharp SX862 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**
- We strongly recommend that you keep separate permanent written records of all important data. Data may be lost or altered in virtually any electronic memory product under certain circumstances. Therefore, we assume no responsibility for data lost or otherwise rendered unusable, whether as a result of improper use, repairs, defects, battery replacement, use after the specified battery life has expired or any other cause.
- We assume no responsibility, directly or indirectly, for financial losses or claims from third parties resulting from the use of this product and any of its functions, such as stolen credit card numbers, the loss or alteration of stored data, etc.
- All company and/or product names are trademarks and/or registered trademarks of their respective holders.

- Screen layout may differ from that illustrated in this user guide.
  The information described in this user guide is subject to change without notice.
- All the functions described in this user guide may not be supported by all networks.
- We assume no responsibility for downloaded contents, information, etc. from the network.

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**2    Introduction**

**Useful Functions and Services**

Your phone offers you the following features:

- Video Calling. You can talk while viewing images of each other on respective screens.
- 3D and colour GSX™ and Java™ games. You can also download various games and applications from SmarTone-Vodafone via the mobile Internet.
- Cycloid position. You can rotate the display 90° clockwise for viewing images in a 3.2-inch full wide VGA LCD.
- Advanced Super View (ASV) colour LCD main 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/Web 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.
- An infrared interface for data communication. 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.

# Contents

# List of Menu Functions

SX862 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 41.

# Getting Started

1. Earpiece
2. Light Sensor
3. Main Display
4. Speaker
5. 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™ when pressed in standby.
   Right arrow key (▶) displays Gallery when pressed in standby.
6. Centre Key: ◎
   Displays Main menu in standby, and executes functions.
   Long press in standby to initiate video camera.
7. Left Soft Key: ☉
   Executes the function in the lower left of the screen.
   Displays Message menu in standby.
8. Send/Redial Key: ☏
   Makes voice calls or accepts calls, and displays the call logs in standby.

9. Shortcut Key: ⌨
   Displays Shortcut menu.
10. Voicemail Key: 1⌕
    Long press to connect to the Voicemail centre. (Depending on the SIM/USIM card.)
11. * /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.
12. Multiple Functions Key: ⌨
    Press in standby to switch Profiles settings.
    Long press in standby to switch Profiles settings between the mode most recently activated and Silent mode.
    Switches displays when multiple applications are launched.

13. Right Soft Key: ☺

Executes the function in the lower right of the screen.
Accesses "SmarTone *iN!*" by opening the browser in standby.

14. End/Power Key: ☺

Ends a call and turns power on/off.

15. Clear/Back Key: ☐

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

16. Multimedia Key: ☐

Displays Multimedia menu.

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. External Display

22. Small Light:

Flashes when an incoming call or a new message is received or missed, if Event Light (p. 111) or Status Light (p. 112) is enabled.

23. Built–in Aerial:

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

24. microSD Card Slot

25. Side Keys: ☐ ☐

Press in standby or during a call to increase or decrease the earpiece volume.
Press while listening to music (or video) to increase or decrease the earpiece volume.

26. Camera Key: ☐

Long press in standby to activate the camera.
Takes a picture or starts recording video when the camera is active.
Press when the phone is closed to switch the information displayed in the external display.
Long press when the phone is closed to turn on the Mobile Light.

27. Mobile Light:
   Used as an auxiliary light.
28. Battery Cover
29. Camera
30. Handsfree Kit/Microphone Connector
31. Infrared Port:
   Sends and receives data via infrared.

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

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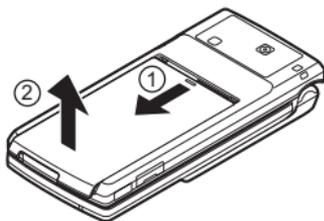


**2.** Slide the SIM/USIM card into the SIM/USIM holder ③ .
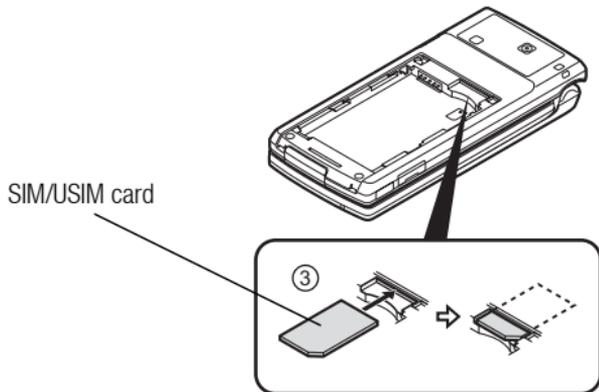


SIM/USIM card

**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 ④ , and then insert it ⑤ .
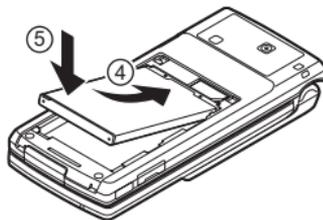


**4.** Replace the battery cover.

#### 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.
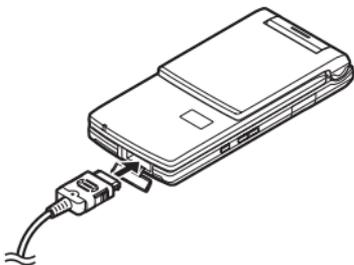


**2.** Connect the charger to an AC outlet.

When the phone is charging, the battery indicator 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 153.)*

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.
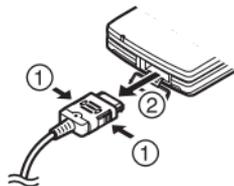


**3.** Close the cover.

*Note*
- *Do not use any non−approved chargers as they may damage your phone and invalidate any warranties, see "Battery" on page 153 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 main and external displays.

### Low Battery during Use

When the battery is running low, an alarm will sound and "▯" or "▭" is displayed on the main and external displays respectively.

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.
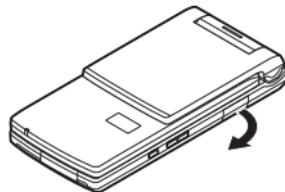
**3.** Insert the memory card until it clicks. (To remove the memory card, push the memory card until it clicks.)
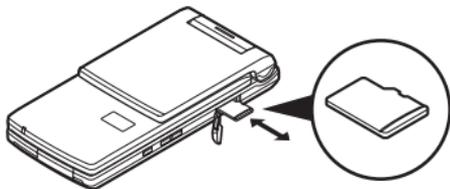
**4.** Close the cover.

*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.
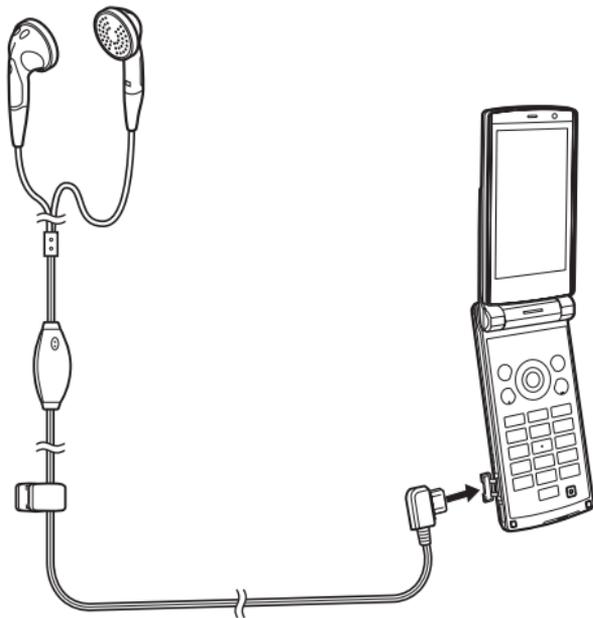
## Turning Your Phone On and Off

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 122.

**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 122.*
- *If the clock settings have not been entered, the date and time entry screen is displayed (p. 120).*

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"* → *"Advanced"* → *"Copy All Entries"*

**1.** Select "From SIM to Handset".

## Cycloid Position

You can rotate the display 90° clockwise to view images in landscape orientation.

### Rotating the Display

**1.** Open the phone into portrait position as illustrated.
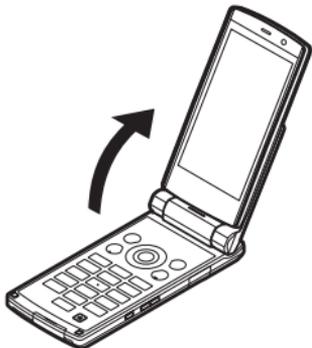
**2.** Turn the display 90° clockwise.
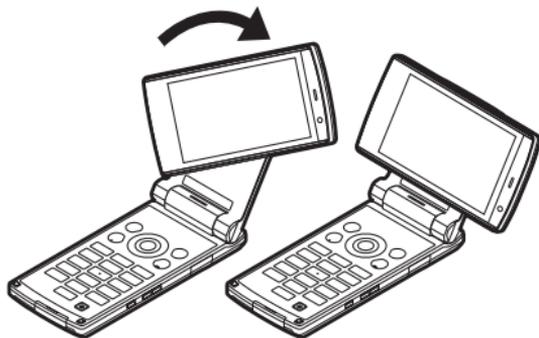
#### *Note*

- *Do not turn the display anticlockwise as this may damage the phone.*
- *Do not carry the phone in the cycloid position as this may damage the display.*

#### *Tip*

- *You can assign a function to activate automatically when the display is rotated to the cycloid position in standby. For details, see "Display Rotation" on page 121.*

## Display Indicators (Main Display)

Indicator area

Left soft key   Centre key   Right soft key
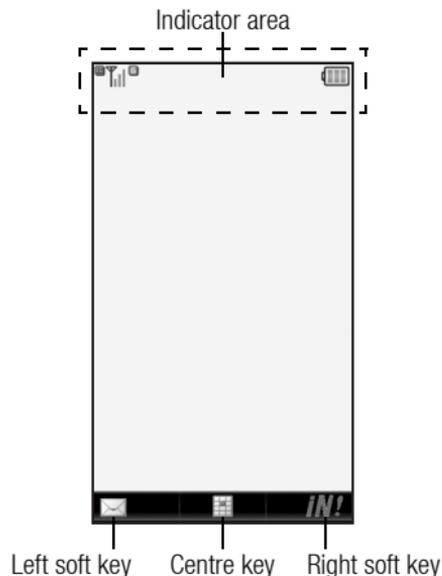
1.    $\Upsilon_{ll}$/ $\cancel{\times}$ : Strength of received signal/Service out of range
   - : HSDPA
   - : EDGE
   - : 3G (UMTS)/GPRS
   - : GSM
   - : GPRS enabled
   - : Roaming outside network
2.    / : Connection to the server [established/communicating]
3.    / : Voice call [incoming/in progress]
4.    / / : Video calling communication mode enabled [voice/video/voice and video]
5.    / : Alerts [text message and multimedia message/Email]
6.    / / / :
   Mailbox full [SIM/USIM card only/handset only/both SIM/USIM card and handset/Email only]
7.    : "Voice Calls" diverts set to "Always"

8.   $\Psi$/$\Psi$/$\widehat{\phantom{a}}$/$\boxed{i}$/$\mathbf{0}$/$\mathbf{0}^{\flat}$/$\Omega$/$\mathbf{0}$/$\Omega_{\flat}$:

        Connection status

        [USB cable [standby/exchanging information]/IrDA setting [standby/exchanging information]/*Bluetooth* wireless setting [standby/exchanging information/talking with the *Bluetooth* headset/Hide my phone/playing back an A2DP file]]

9.   $\otimes$/$\otimes$/$\vdots$: GSX™ and Java™ application [executed/suspended]/Music

10.  $\bigcirc$: Secure WAP/Web page displayed

11.  $\nearrow$/$\boxed{i}$/$\boxed{i}$: Silent/vibration setting [silent/vibration enabled/silent and vibration enabled]

12.  $\searrow$/$\Diamond$/$\times$: Speaker mode [speaker phone/speaker activated/microphone muted]

13.  $\boxed{i}$: Memory card inserted

14.  $\boxed{i}$/$\boxed{\text{IIII}}$: Battery level

15.  $\bigcirc$: Daily alarm enabled

16.  $\boxed{1}$/$\boxed{1}$: Schedule entry enabled [with/without reminder alarm]

17.  $\boxtimes$: Outbox contains unsent messages [text message/multimedia/Email]

18.  $\bigcirc$/$\boxtimes$/$\bigcirc$: WAP/OTA provisioning alerts [WAP alert/OTA provisioning alert/WAP and OTA provisioning alerts]

19.  $\boxed{i}$: Voicemail message alert

20.  $\odot$: "Show Secret Data" set to "On"

21.  $\boxed{i}$: Function Lock enabled

22.  $\boxed{i}$: Keypad Lock enabled

23.  (No display)/$\bigcirc$/$\cancel{i}$/$\boxed{\blacksquare}$:

        Current profile [Normal/Car/Silent/Original]

24.  $\bigcirc$: Hour minder enabled

25.  $\boxed{i}$: Auto answer enabled

## Display Indicators (External Display)

$$\boxed{\begin{array}{cc} \text{Y\_ul} & \text{\ensuremath{\blacksquare}} \\ \multicolumn{2}{c}{\text{12:00}} \end{array}}$$

**Status Indicators**

1. ▥/▤/▨/▢ :
   Battery level [sufficiently charged/charging recommended/charging required/empty]
2. 12:00 : Clock
3. Y₁ı/⚡ : Strength of received signal/Service out of range
4. ▧ / ▤ : Missed events [message delivery failed/missed calls]
5. ▤ : Voice call incoming
6. ▤ : Video call incoming
7. ▤ : Call in progress
8. ✉/ ▤ : Alerts [messages/Delivery Report]
9. ♤/ ▤ / ▣ :
   Alarm enabled [Daily alarm/Schedule alarm/Task alarm]
10. ♫♪ : Sound file being played
11. ♦♫ : Streaming
12. ⏱ : Stopwatch/countdown timer
13. ↰ : OBEX data incoming
14. ▭ : Voice Recorder activated

# 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 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:

*"Settings"* → *"Call/Video Call" tab* → *"Video Calling Settings"*

# Voice Call/Video Calling Functions

## Making a Voice Call

**1.** Enter the area code and the phone number you wish to dial, and then 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 [0 +] 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 43.

### 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 49.

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

   The phone 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 ◎ 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. 112).

### 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 ◎.

**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 64.

**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. 131).*
- *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 callings can only be made and received if both parties have 3G capable phones and 3G coverage. See "Display Indicators (Main Display)" on page 20.*
- *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.*
- *Use the camera to send live video images.*

### 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, and then long press ⊙ 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 and yours are displayed on the screen.

### 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 ◎ or [Options] and select "Hide Picture" to answer with voice only.

*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.

### 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 displayed on the video calling screens.

1. During a video calling, press [Options] and select "Switch Images".
2. Select "Priority to Incoming", "Priority to Outgoing", "Incoming Up (Left)" or "Outgoing Up (Left)".

### Changing the Outgoing Image

During a video calling, you can switch the image shown to the caller between the camera image and an alternative image.

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

| | |
|---|---|
| "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" (p. 126) 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. 115).

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).

# 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 $2^{ABC}$ once for the letter A or twice for the letter B.

Press the following keys to:

| | |
|---|---|
| $\boxed{1^{\infty}}$: | Enter:<br>. (full-stop) , (comma) ? ! : ; ' (apostrophe) " / 1 |
| $\boxed{0_{+\_}}$: | Enter:<br>(space) + = < > € £ \$ ¥ % & 0 |
| $\boxed{\text{\# } \circ \text{a}}$: | Switch character case among four modes:<br>Abc, ABC, abc and 123. |
| $\boxed{\text{\# } \text{«}}$: | Display the symbol screen. |

Long press the following keys to:

| | |
|---|---|
| $\boxed{1^{\infty}}$ - $\boxed{9^{WXYZ}}$: | Enter 1-9 numbers. |
| $\boxed{0_{+\_}}$: | Enter space in Numeric mode or to enter 0 in other modes. |
| $\boxed{\text{\# } \circ \text{a}}$: | Shift between multi-tap and T9 mode. |
| $\boxed{\text{\# } \text{«}}$: | Display the Input 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] and select "Input Method".

**2.** 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<br>T9 ABC<br>T9 abc | T9 Stroke | T9 PinYin<br>T9 Stroke |
| Multi-tap mode | Abc<br>ABC<br>abc<br>Numeric | Abc<br>ABC<br>abc<br>Numeric | Abc<br>ABC<br>abc<br>Numeric |

*Tip*

• In T9 or multi-tap mode, you can switch input mode as follows by pressing ⌘.

**English/T9 mode**
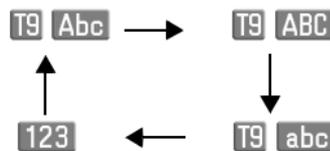


**English/Multi-tap mode**
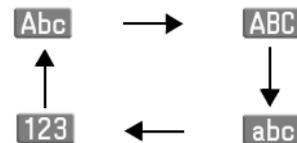


**Traditional Chinese/T9 mode**

**Simplified Chinese/T9 mode**

T9 拼 → T9 ～1J → Abc
↑                          ↓
123 ← abc ← ABC

**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 5/c .
7. Press ◎, or press [Options] and select "OK" to complete the selection.

*Tip*
- *If you press 0 instead of step 6, a space is inserted next to the selected 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 |
|-----|--------|--------|
| 1 ☺ | — | |
| 2 ABC | │ | abc |
| 3 DEF | ╱ | def |
| 4 GHI | ╲ | ghi |
| 5 JKL | ⤳ | jkl |
| 6 MNO | Wildcard | mno |
| 7 PQRS | | pqrs |
| 8 TUV | | tuv |
| 9 WXYZ | | wxyz |
| ✱ ☼▲ | Change Input Method | |
| 0 +↵ | Space | |
| # ✉ | Go to the FullWidth Symbols screen. | |

1 ☺ - 9 WXYZ : Long press to input corresponding Chinese character displayed in the candidate field.

✱ ☼▲ : Long press to enter tones " ‐ ´ ˇ ` • " 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 32.

**Using Stroke Mode (Traditional)**

The following is an example of entering " 節 ".

1. Change the input mode to T9 Stroke mode.

   ```
   ︱ ２ ３ ４ ５ ６ ７ ８ ９
   的一不是我有在中人●
   Options        Back
   ```

2. Press $3^{DEF} 1 4^{GHI}$ to display the corresponding stroke for " 節 ".

   ```
   ノ 一 丶
   ︱ ２ ３ ４ ５ ６ ７ ８ ９
   等第箱管策算節笑簡●
   Options        Back
   ```

3. Long press the corresponding key to complete the selection (in this case, $7^{PQRS}$).

   ```
   節▌
   ︱ ２ ３ ４ ５ ６ ７ ８ ９
   目首節制稅約奏慶的●
   Options        Back
   ```

*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**

Input field ────

Long press the corresponding numeric key to select the desired character directly from the Candidate field.

Candidate field ────

```
▌▌  li2
︱ ２ ３ ４ ５ ６ ７ ８ ９
及即极级急集辑吉疾●
Options        Back
```
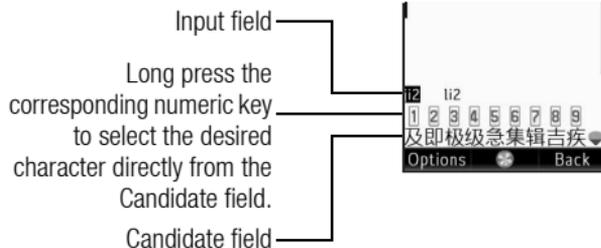
The following is an example of entering " 理 ".

1. Press $5^{JKL}$ for the first letter of the reading, then highlight "l".

   ```
       k    j    ▏l▏
   ︱ ２ ３ ４ ５ ６ ７ ８ ９
   拉来浪了类冷里两路●
   Options        Back
   ```

**2.** Press $\boxed{4^{\text{GHI}}}$ for the vowel of the first letter, then highlight "li".

Characters with the same reading are displayed in the Candidate field.



**3.** Select the desired character.

**4.** Long press corresponding numeric key to enter the desired character (in this case, $\boxed{2^{\text{ABC}}}$).

*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 $\boxed{*}$ instead of step 3 to display the desired character. The tone symbols are displayed in the Candidate field. Press the corresponding numeric key ($\boxed{2^{\text{ABC}}}$).*

## User Dictionary

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

### English User Dictionary

#### *Note*

• *This function is only available when "Input Language" is set to "English".*

To Create a New Entry

1. On the text entry screen, press [Options] and select "User Dictionary".
2. Select "Add New Word".
3. Enter a new word.

To Edit a Word in the List

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

To Delete a Word

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

### Chinese User Dictionary

You can enter Chinese characters, alphabet, symbols and numbers for Chinese word lists.

#### *Note*

• *This function is only available when "Input Language" is set to "Traditional Chinese" or "Simplified Chinese".*
• *Only capital letters can be used for acronyms.*

To Create a New Entry

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

To Edit 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.

To Delete 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. Select "Yes" or "No".

**To Call the Entry**

Examples of entry words and acronyms:

| Entry Word | | Acronym | |
|---|---|---|---|
| 四 | → | S | New |
| 四百 | → | SB | |
| 四川 | → | SC | |
| 四川牛肉面 | → | SCNRM | Old |

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

1. Press 7 and highlight "S".
   If you long press 1, "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 2 and highlight "SB".
   If you long press 1, "四百" will be entered.

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

**1.** Press 2, 5, 3 and long press 2 to enter "四".

This example is using Stroke input method for Simplified

**2.** The character "川" appears at 8.

(Candidates 8 and 9 are taken from the Chinese User Dictionary.)



**3.** Long press 8 to enter "川".



**4.** Long press 9 to enter "牛". The sentence is completed automatically.

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 108.

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".

8. Select the desired item.

## 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 43.

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 8.

### 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 [✕ oﬀ] (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 8.

Shortcuts are listed in the headings of this user guide.

Example (p. 132): To Access "Off Line Mode" Sub Menu

**Off Line Mode (M 9–▶–▶–2)**

*"Settings"* → *"Network Settings" tab* → *"Off Line Mode"*

Press ◎[9 wxyz] and ▶ twice for the "Network Settings" tab, then press [2 ABC].

Example (p. 48): To Access "Manage Groups" Sub Menu

**Manage Groups (M 8–4)**

*"Call Manager"* → *"Manage Groups"*

Press ◎[8 TUV][4 GHI].

*Note*

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

## Shortcuts

Your phone has a shortcut function (press 🔳 in standby) which enables you to access the desired menu quickly. The default shortcuts are as follows (shortcuts assigned to 1 - 9 can be customised):

- Main menu
- Enter phone number
- 1 : Phonebook
- 2 : Create Message
- 3 : Voice Recorder
- 4 : Calendar
- 5 : Task
- 6 : Alarms
- 7 : Bookmarks
- 8 : Bluetooth
- 9 : Calculator

To Use the Shortcut Key

1. Press 🔳 in standby.
2. Select the desired item or number.

To Customise the Assigned Shortcuts

1. Press 🔳 in standby.
2. Highlight the shortcut you wish to customise from 1 – 9 .
3. Press [Options] and select "Assign".
   The list of the available items is displayed.
4. Select the desired item.

*Note*
- *To move the item in the list that appears in step 1, highlight the item, press [Options] and select "Move". Then press* 📃 *or* 📃 *to the desired location and press* ◎.
- *To reset the customised shortcut, press [Options] and select "Set to Default" in step 2.*

# 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 5 phone numbers and 5 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 8–8–3)**

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

*"Call Manager"* → *"Phonebook Settings"* → *"Save to"*

**1.** Select from "Handset", "SIM" or "Choice".

*Tip*
- *"Choice" prompts you to choose the memory every time you save a new entry.*

**Registering a New Entry (M 8–2)**

*"Call Manager"* → *"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 8–8–5)**

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

*"Call Manager"* → *"Phonebook Settings"* → *"Save Unregistered"*

**1.** Select "Incoming Call" or "Outgoing Call".

**2.** Select "On" or "Off".

**Registering My Card (M 8–5)**

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

*"Call Manager"* → *"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 8–8–2)

*"Call Manager"* → *"Phonebook Settings"* → *"Source"*

**1.** Select from "Handset", "SIM" or "Both".

### Finding a Name

*"Call Manager"* → *"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 8–8–1)

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

*"Call Manager"* → *"Phonebook Settings"* → *"View Phonebook"*

**1.** Select "By PinYin" or "By Group".

### Selecting the Search Mode (M 8–8–4)

*"Call Manager"* → *"Phonebook Settings"* → *"Search Mode"*

**1.** Select "Character Search", "PinYin Search" or "English Search".

## Dialling from the Phonebook

*"Call Manager"* → *"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 8–9)**

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.

***"Call Manager" → "Service Dialling No."***

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 cannot be selected.*

## Sending a Message from the Phonebook

***"Call Manager" → "Phonebook"***

1. Select the desired entry including the phone number or Email address you wish to use.

2. Select the desired phone number or Email address.

3. When a phone number is selected in step 2, select "Create Message".

   For further procedures, see "Creating a New Message" on page 65.

**Using Mailing Lists (M 8–7)**

You can create a mailing list to send the same message to a group of recipients at once. Up to 20 groups can be registered.

To Create a New Mailing List (M 8–7–1)

***"Call Manager" → "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" → "Message Groups"***

1. Select the desired group name.

2. Select "Assign New Entry".

3. Select the desired entry.

   The detailed screen is displayed.

4. 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. Select the entry, press [Options], then select "Re–assign Entry" in step 2.*
- *To remove an entry from the group, select the entry, press [Options], then select "Remove Entry" in step 2.*
- *To remove a group, press [Options] and select "Delete" in step 1.*

To Send a Message Using a Mailing List

**"Call Manager"** → **"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 65.

## Editing Phonebook Entries

**"Call Manager"** → **"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"**

**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.*
- *You can take a picture for a thumbnail by selecting "Take Picture" in step 4.*

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

*"Call Manager"* → *"Phonebook"*

1. Highlight the desired entry.
2. Press [Options] and select "Edit".
3. Select "Tone/Video for Voice Call", "Tone/Video for Video Calling" or "Tone/Video for New Message".
4. Select "Assign Tone".
5. Select "Preset Sounds", "Music and Sounds", "Video Gallery" or "Flash®".
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" or "Assigning a Ring Video Clip for an Incoming Call" on page 117.
7. Press [Save] when finished.

## Deleting Phonebook Entries

### Deleting All Phonebook Entries (M 8–10–3)

*"Call Manager"* → *"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 "Change Handset Code" on page 123.

### Deleting a Phonebook Entry

*"Call Manager"* → *"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 8–10–1)

*"Call Manager"* → *"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"*

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

For "As Message"
For details, see "MMS" on page 64.

For "Via Bluetooth"
For details, see "Bluetooth" on page 138.

For "Via Infrared"
For details, see "Infrared" on page 142.

**Receiving a Phonebook Entry**

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

1. Select "Yes".

   The received entry is saved in the Phonebook. Select "No" to reject.

*Tip*

• *For details on entering Infrared or Bluetooth wireless settings, see "Connectivity" on page 138.*

## Manage Groups (M 8–4)

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"* → *"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".
5. Select "Preset Sounds", "Music and Sounds", "Video Gallery" or "Flash®".
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" or "Assigning a Ring Video Clip for an Incoming Call" on page 117.

**Editing the Category Name**

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

**"Call Manager"** → **"Manage Groups"**

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

## Speed Dial List (M 8–6)

You can set a maximum of 8 phone numbers in the Speed Dial list (p. 25).

**Setting Phonebook Entries in the Speed Dial List**

**"Call Manager"** → **"Speed Dial List"**

1. Select the desired entry.
2. Select the desired phone number.

*Tip*

- *The nine digit keys ($1$ – $9$) correspond to Speed Dial list numbers.*

To Change the Speed Dial List

**"Call Manager"** → **"Speed Dial List"**

1. Highlight the entry you wish to change.
2. Press [Change].
3. Select the phone number you wish to change.

**Memory Status (M 8–10–2)**

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

**"Call Manager"** → **"Advanced"** → **"Memory Status"**

# Multimedia (M 7)

## FoneTV (M 7-1)

You can connect to the FoneTV service by selecting this menu.

### Note

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

## www (M 7-2)

You can access the internet by selecting this menu to connect to the www service.

### Note

- *To use www service on your phone, you need to be in an area of coverage.*

## Videos (M 7-3)

**Playing Back the Last File (M 7-3-1)**

*"Multimedia"* → *"Videos"* → *"Last Played Video"*

**Playing Back Video Clip Files**

*"Multimedia"* → *"Videos"* → *"My Videos"*

1. Select "Handset Memory" or "Memory Card".
2. Select "All Videos" or the desired playlist.
3. Select the desired file.

   To pause playback, press ◎.
   To stop playback, press ⓈⳘ.

### 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 can be used to change the volume level.*
- *Pressing 2ᴬᴮᶜ changes the size of the video display in the following order: Normal Size, Enlarge, Full screen, Widescreen and Cinema Screen. Note that this does not change the Display Size setting.*
- *Pressing 0₊ displays the help information.*

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

***"Multimedia"* → *"Videos"* → *"My Videos"***

1. Select "Handset Memory" or "Memory Card".

2. Select "All Videos" or the desired playlist.

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.

*Tip*

- *You can also search for a file by pressing [Options] and selecting "Search" in step 2.*

**Adding a File to the Playlist**

You can add files to a playlist.

***"Multimedia"* → *"Videos"* → *"My Videos"***

1. Select "Handset Memory" or "Memory Card".

2. Select "All Videos" or the desired playlist.

3. Highlight the file you wish to add to the playlist.

4. Press [Options] and select "Add to Playlist".

   The playlists are displayed. For details on creating a playlist, see "Adding a New Playlist".

5. 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"* → *"Videos"* → *"My Videos"***

1. Select "Handset Memory" or "Memory Card".

2. Press [Options] and select "Add New Playlist".

3. Enter the desired playlist name.

4. Press ◎.

*Note*

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

### Settings (M 7–3–5)
You can select a play mode for "Playback Pattern", "Backlight", "Display Size" and "Sound Effects" when playing back video clip files.

**"Multimedia"** → **"Videos"** → **"Settings"**

1. Select from "Playback Pattern", "Backlight", "Display Size" or "Sound Effects".

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": | Continues playback of 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. 115). |
   - "Display Size"
     | | |
     |---|---|
     | "Normal 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. |
     | "Widescreen": | Displays the file on the wide screen. |
     | "Cinema Screen": | Displays the file on the cinema screen. |
   - "Sound Effects"
     | | |
     |---|---|
     | "Normal": | Plays back file without any sound effects. |
     | "Bass": | Plays back file with enhanced bass sound. |
     | "Surround": | Plays back file with surround sound. |
     | "Surround Bass": | Plays back file with surround sound and enhanced bass sound. |
     | "Loud-Wide": | Plays back file with dynamic sound. |
     | "Karaoke": | Plays back file with the vocal part softened. |
     | "Rock": | Plays back file with enhanced balance. |
     | "Hall": | Plays back file with enhanced reverberation. |
     | "Hiphop": | Plays back file with bass sound and enhanced resonance. |

**Downloading Video Clip Files (M 7–3–3)**

**"Multimedia"** → **"Videos"** → **"Download Videos"**

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

## Music (M 7–4)

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.

**"Multimedia"** → **"Music"** → **"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

**"Multimedia"** → **"Music"** → **"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 a 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.

- To select the playback pattern, 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": Continues playback of all files in the selected folder.

  "Random": Plays back files in the selected folder at random.

  "Random Repeat":

  Continues playback of files in the selected folder at random.

- While in the music player, the player can be controlled by using the following keys:

  a / b : Increases or decreases the volume.

  b (long press): Mutes.

  c : Jumps to the next file.

  d : Returns to the start of the current file.

  d d : Jumps to the previous file.

  c (long press): Fast–forwards.

  d (long press): Rewinds.

  e : Plays back the file in the background.

  The side keys can be used to change the volume level.

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

*"Multimedia"* → *"Music"* → *"My Music"*

1. Select "All Music", "Artists", "Albums" or "Playlists".

2. 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.

*Tip*

• *You can also search for a file by pressing [Options] and selecting "Search" in step 1.*

**Sorting Files**

*"Multimedia"* → *"Music"* → *"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.

*"Multimedia"* → *"Music"* → *"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 53.

3. Select the desired playlist.

   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 7-4-3)**

*"Multimedia"* → *"Music"* → *"Download Music"*

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

## Internet Radio (M 7-5)

Internet Radio allows you to listen to the most popular radio channels around the world.

Contact your service provider for more information.

# 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 ◎ to save the picture.

   The taken picture is saved in Gallery.
   To send the taken picture, press ☺ in step 2.

### Note

- *When the video camera is launched, press ☺.*
- *When you try to send a picture that is too large in 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 ☒ 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 "Send" and then select "As Message", "Bluetooth" or "Infrared".

For "As Message"
For details, see "MMS" on page 64.

For "Bluetooth"
For details, see "Bluetooth" on page 138.

For "Infrared"
For details, see "Infrared" on page 142.

### 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 62.*

## 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]* → *"Shooting Settings"* → *"Exposure"*

*"Camera"* → *[Options]* → *"Record Settings"* → *"Exposure"*

**1.** Press ☺ (Bright) or ☺ (Dark).

☺ ☺ ☺ ☺ ☺ : (Dark → Normal → Bright)

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

### Switching the Focus Mode

*"Camera"* → *[Options]* → *"Shooting Settings"* → *"Focus"*

*"Camera"* → *[Options]* → *"Record Settings"* → *"Focus"*

**1.** Select the desired option.

- ☒: Auto Focus
- ☒: Manual Focus
- ☒: Macro

### 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] → "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.

**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".

**Using the Help Function**

**"Camera" → [Options] → "Help"**

**Mobile Light**

To Change the Mobile Light Mode
Set the mobile light according to your purpose.

**"Camera" → [Options] → "Mobile Light"**

**1.** Select the desired mode.

"On" ( ): The light is always on.

"Auto" ( ): The light turns on if the phone detects that the conditions are dark.

"Low Light" ( ) (photo camera mode only):
Select this mode for macro shooting.

"Off" ( ): The light is always off.

The corresponding indicator is displayed on the screen. Select "Off" to turn it off.

**Switching between the Photo and Video Camera Modes**

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

**Common Shortcut Keys**

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

| | Photo Camera | Video Camera |
|---|---|---|
| $\odot$ | Focus Lock | |
| $\boxed{1 \ ^\infty}$ | Focus | |
| $\boxed{2 \ ^{ABC}_f}$ | Switches Viewfinder between with and without indicators | Switches the display modes in the Preview screen |
| $\boxed{4 \ ^{GHI}_\sim}$ | Save New Pictures | Save New Videos |
| $\boxed{5 \ ^{JKL}_\sim}$ | Picture Size | |
| $\boxed{6 \ ^{MNO}_?}$ | Scene | Microphone |
| $\boxed{7 \ ^{PQRS}}$ | Picture Quality | Video Quality |
| $\boxed{8 \ ^{TUV}}$ | Self-timer | |
| $\boxed{9 \ ^{WXYZ}}$ | Zoom Max/Min | |
| $\boxed{0 \ +\_}$ | Help | |
| $\boxed{\ast \ _\blacktriangleleft}$ | Mobile Light | |

*Note*
- *The "Switches the display modes" option is available in "Preview" before you save a video clip. See "Recording Video Clips" on page 56.*

## 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.

   1536 × 2048 dots/1080 × 1920 dots/
   1200 × 1600 dots/960 × 1280 dots/
   480 × 854 dots/480 × 640 dots/
   240 × 320 dots/120 × 160 dots/
   1536 × 864 dots/854 × 480 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.*
- *You cannot use the Continuous Shoot function for picture sizes larger than 480 × 854 dots. "9 Pictures" and "Overlapped" are not available for picture sizes larger than 240 × 320 dots.*

**Taking Panorama Pictures**

*"Camera" → [Options] → "Modes" → "Panorama"*

**1.** Select "On" and press ◎.

**2.** Move the phone slowly to keep the + mark aligned with the assisting lines, and press ◎.

**3.** Select "Save".

*Note*

- *The image is captured automatically if the bar in the lower right turns blue before ◎ is pressed in step 2.*

To Set the Assisting Lines

*"Camera" → [Options] → "Settings" → "Panorama Settings" → "Assisting Lines"*

**1.** Select "On" or "Off".

*Note*

- *An error message is displayed if you move the phone fast when taking panorama pictures with this setting on.*

To Set the AE–Lock
When this setting is enabled, the exposure setting is fixed for the same brightness level.

**"Camera" → [Options] → "Settings" → "Panorama Settings" → "AE–Lock"**

**1.** Select "Enable" or "Disable".

### Selecting the White Balance

**"Camera" → [Options] → "Shooting Settings" → "White Balance"**

**1.** Select from "Auto", "Daylight", "Cloud/Shade", "Tungsten" or "Fluorescent".

### Camera Effects
You can select from various camera effects.

**"Camera" → [Options] → "Modes" → "Camera Effects"**

**1.** Select from "Sepia", "Monochrome" or "Negative".

### Selecting a Frame
You can select the frame from preset patterns or Pictures.

**"Camera" → [Options] → "Modes" → "Add Frame"**

**1.** Select "Preset Frames" or "Picture Gallery".

**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.*

### Selecting the Scene
You can select the appropriate mode by scene when you take a picture.

**"Camera" → [Options] → "Scene"**

**1.** Select from "Auto", "Night", "Sports", "Text", "Pet", "Against Sun" or "Portrait".

### Using the Full Screen
You can display the preview on the full screen without the soft key area and indicator area.

**"Camera" → [Options] → "Settings" → "Display Indicators" → "Full Viewfinder"**

*Note*
• *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. 116) is set to "Silent" to prevent unauthorised use.*

## Functions in Video Camera Mode

**Selecting the Recording Time and Picture Size**

*"Camera"* → *[Options]* → *"Record Time/Size"*

**1.** Select "For Message", "Extended Video" or "SD VIDEO".

| | |
|---|---|
| For Message (📩): | Limits the size to send a message depending on service providers. |
| Extended Video (📹): | Less than 30 minutes (depending on the memory). |
| SD VIDEO (📹): | Records in SD Video format. |

**2.** Select the desired picture size.

If "For Message" is selected, select "QCIF(176×144)" or "SubQCIF(128×96)".

If "Extended Video" is selected, select "VGA(640×480)", "Wide(400×240)", "QVGA(320×240)", "HQVGA(240×176)", "QCIF(176×144)" or "SubQCIF(128×96)".

If "SD VIDEO" is selected, select "VGA(640×480)" or "QVGA(320×240)".

**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.*
- *"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]*** → ***"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 messages, multimedia messages and Emails. It is compatible with most POP3 Email providers.

## SMS

SMS allows you to send text messages up to 70 Chinese or 160 English characters in one SMS. If the number of characters in an SMS exceeds this limit, the message is split into several segments. For example, if a message contains 100 Chinese characters, it is sent as two SMS messages.

As a general rule, if both Chinese and English characters are used, one Chinese character is counted as two English characters. For punctuation symbols and special symbols, the character count will depend on whether it is full-width or half-width. When the symbol is full-width, it is counted as two English characters or one Chinese character. When the symbol is half-width, it is counted as one English character.

## Long SMS

SX862 supports Long SMS, which allows you to send text messages up to 335 Chinese or 765 English characters. If the number of characters in a message exceeds this number, the message is automatically delivered by MMS and the charge for an MMS is applied.

## 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

*(SMS/MMS)*
**"Messages"** → **"Message"** → **"Create Message"**
*(Email)*
**"Messages"** → **"Email"** → **"Create Email"**

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], select "Edit Recipients" and select "Add Recipient". Enter or select the Email address or phone number from the existing Phonebook.
   - To change the recipient mode, press [Options], select "Edit Recipients" 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 message, the mode is automatically switched to MMS in the following cases:
  - When an Email address is entered in the recipient field.
  - 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 65.
2. Press [Options] and select "Add Slide".
3. Select "Add Slide After" or "Add Slide Before".
4. 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 65, press [Options] and select "Insert Item".
2. Select "Picture", "Sound", "Video", "Attach Contact", "Attach Appointment", "Others" or "Flash®".

   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 Attachments

1. In step 6 in "Creating a New Message" on page 65, highlight the desired item, press [Options] and then select "Remove Item".

**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. To send the message in the Outbox, highlight the message, press [Options] and select "Resend".*

**Tip**
- *To save the message without sending, press [Options] and select "Save to Drafts" in step 6 in "Creating a New Message" on page 65.*
- *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 40.*

**Sending a Message in the Drafts Box**

*(SMS/MMS)*

*"Messages"* → *"Message"* → *"Drafts"*

*(Email)*

*"Messages"* → *"Email"* → *"Drafts"*

1. Highlight the desired message.
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.

**Reading a Message**

Messages you receive are saved in the Inbox.

*(SMS/MMS)*

*"Messages"* → *"Message"* → *"Inbox"*

*(Email)*

*"Messages"* → *"Email"* → *"Inbox"*

1. Select a folder.
2. Select the message you wish to view.

**Storing the Phone Number of a Sender in the Phonebook**

*(SMS/MMS)*

*"Messages"* → *"Message"* → *"Inbox"*

*(Email)*

*"Messages"* → *"Email"* → *"Inbox"*

1. Select a folder.
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 43.

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

**(SMS/MMS)**
**"Messages"** → **"Message"** → **"Inbox"**
**(Email)**
**"Messages"** → **"Email"** → **"Inbox"**

1. Select a folder.
2. Highlight the message containing the phone number you wish to dial.
3. Press [Options] and select "Call Sender".

**Downloading a Single MMS**

**"Messages"** → **"Message"** → **"Inbox"**

1. Highlight the message alert ( 📩 ) you wish to download.
2. Press [Options] and select "Download".

**Replying to a Message or to All Addresses**
**(SMS/MMS)**
**"Messages"** → **"Message"** → **"Inbox"**
**(Email)**
**"Messages"** → **"Email"** → **"Inbox"**

1. Select a folder.
2. Highlight the message 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**

*(SMS/MMS)*

*"Messages"* → *"Message"* → *"Inbox"*

*(Email)*

*"Messages"* → *"Email"* → *"Inbox"*

1. Select a folder.
2. Highlight the message you wish to forward.
3. Press [Options] and select "Forward".
4. Perform steps 1 to 6 in "Creating a New Message" on page 65.

**Sorting the Messages in the List**

*(SMS/MMS)*

*"Messages"* → *"Message"* → *"Inbox"*

*(Email)*

*"Messages"* → *"Email"* → *"Inbox"*

1. Select a folder.
2. Press [Options] and select "View Settings".
3. Select "Sort".
4. Select the desired sort option.

## Cell Broadcasts (M 4–4)

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 (M 4–4–1)**

*"Messages"* → *"Cell Broadcasts"* → *"Switch On/Off"*

1. Select "On" or "Off".

**Reading Cell Broadcast Messages (M 4–4–2)**

*"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"*

1. Highlight the desired language and 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 ◎.
2. Highlight the desired subject and press ◎ to check.
3. Press [Save].

**Assigning a New Subject**

You can create a subject if the desired subject is not in the Cell Broadcasts list.

*"Messages" → "Cell Broadcasts" → "Settings" → "Set Info Subjects"*

1. Press [Options] and select "Create Subject".
2. Enter a 3–digit subject code.
3. Enter a name for the new subject.
4. Press [OK].

*Note*
- *Enter the subject code in 3 digits. For example, enter "085" for code 85, and "009" for code 9.*
- *The existing subject code cannot be assigned to a new subject.*
- *To enable the created subject, select the subject in the Cell Broadcasts list. For details on enabling the subject, see "Subscribing to Cell Broadcasts".*

## Area Info (M 4–5)

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 4–6)

### General Settings (M 4–6–1)

*"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":
  Sets whether to delete the oldest message automatically when the Inbox, Sent or Both (Inbox and Sent) is full.

- "Message List View":
  Switches the mailbox listing.

- "Inbox Display Settings":
  Switches the Inbox listing.

- "Sent Box Display Settings":
  Switches the Sent box listing.

- "Scroll Unit":
  Scroll through messages by "Single Line", "Half Page" or "Whole Page".

- "Message Type":
  Sets the type of message that can be created to either SMS or MMS. When set to "Free", the message is sent automatically either as an SMS or MMS as appropriate. When set to "SMS", the functions for MMS are not available.

### SMS Settings (M 4–6–2)

***"Messages" → "Messaging Settings" → "SMS Settings"***

1. Select the item you wish to set up.
   - "Delivery Report":
     Enables or disables Delivery Report request.
   - "Automatic Resend":
     Tries to resend the failed SMS 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.

- "Reply Path":
  Enables or disables adding a reply path to the message.

- "Connection Type":
  Sets the preferred connection type ("GPRS Preferred", "CSD Preferred").

**MMS Settings (M 4–6–3)**

*"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.

- "Automatic Resend":
  Tries to resend the failed 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 files in certain formats and size can be attached. The "Restricted" setting has priority over "Max Message Size".
- "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 (M 4–6–4)**

*"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 *iN!* and the mobile Internet.

SmarTone *iN!* 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/Web 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 set up to SmarTone *iN!* site for Browser/ MMS Settings.

**Main Menu**

**"Browser" → "Homepage"**

The SmarTone *iN!* 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 78.

**"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 79.

## 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 *iN!*" 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)

   "Edit":  Edits the URL address of the bookmark.
   "Add New Bookmark":  Creates new bookmarks.
   "Create Folder":  Creates new folders.
   "Open in New Tab":  Opens a bookmark in a new tab. (This option is available only when the options menu is opened from the browser screen.)
   "Send":  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)

| | |
|---|---|
| "Add New Bookmark": | Creates new bookmarks. |
| "Create Folder": | Creates new folders. |
| "Move": | Moves folder and bookmarks in the folder to another location. |
| "Rename": | 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 Settings": | Sets the speed of scrolling. |
| "Cursor Settings": | Sets whether or not to show the cursor, and its speed. |
| "Downloads": | Sets whether or not to show images when accessing the WAP/Web page. |
| "Memory Operation": | Clears Cache, Cookies, or Authentication information. |
| "Security Settings": | Adjusts the security prompt level. |
| "Download to": | Sets the preferred download location. |
| "Zoom Factor": | Sets the zoom ratio for viewing a page. |
| "Zoom Area": | Sets the window size for displaying enlarged specific area. |
| "WAP Push": | Sets whether you need confirmation for Push messages. |
| "Initialized Browser": | Initializes the browser settings and memory. |
| "Reset Settings": | Resets all the browser settings to the default settings. |

**Browser Options when Online**

You can use the various options of the browser.

☺ → *[Options]*

| | |
|---|---|
| "Home": | Goes to the homepage. |
| "Alert Inbox": | Displays WAP Push alerts. |
| "Forward": | Goes to the next page. |
| "Open This Frame": | Opens the selected frame. (This option is available only when a frame page is displayed.) |
| "Bookmarks": | Displays the Bookmarks menu. See page 78. |
| "My Saved Page": | Displays all the browser screenshots saved in the handset memory. |
| "Copy Text": | Copies the text on the WAP/Web page. |
| "Reload Page": | Reloads the WAP/Web page to get updated information. |
| "Go to URL": | Allows you to type in the URL of a site directly. Handset browser will go to the WAP/Web page that you entered. |
| "Save Items": | Saves items from the browsing pages. |

| | |
|---|---|
| "Complete Page Display": | Allows the browser to display in complete page mode or Virtual Screen mode. |
| "Page Operations": | Displays functions for page operation. |
| "Access History": | Shows the history where you have browsed. |
| "Flash®Menu": | Displays Flash® menu. (This option is available only when a Flash® file is displayed.) |
| "SVG Menu": | Displays SVG menu. (This option is available only when a SVG file is displayed.) |
| "Open in New Tab": | Opens a new window. (This option is available only when one window is opened and a URL is highlighted.) |
| "Tab Menu": | Displays the tab menu. (This option is available only when two or more windows are opened.) |
| "Settings": | Displays the settings menu. |
| "Help": | Displays the Help screen. |
| "Exit": | Exits the browser. |

# Gallery (M 6)

Gallery contains all your pictures, music and videos. You can also transmit pictures, sounds and video clips via infrared or *Bluetooth* wireless technology to other OBEX-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 (Inline display, Grid View or Display preview), 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 only be 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 save as a new entry, select "As New".
   To overwrite, select "As New Detail" and then select the data you wish to save.
   For details on entering a name, see "Adding a New Entry" on page 43.

## Downloading Picture Files

**"Gallery" → "Pictures" → "Download More"**

The picture file download site, SmarTone *iN!*, 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 85.*

**Downloading Video Clip Files**

*"Gallery"* → *"Videos"* → *"Download More"*

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

## SD Videos (M 6–3)

Video clips with the "ASF" format that are recorded by a video camera 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/Size"* → *"SD VIDEO"*

  *For details, see "Selecting the Recording Time and Picture Size" on page 62.*

## 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 85.*

**Downloading Sound Files**

*"Gallery"* → *"Music and Sounds"* → *"Download More"*

The sound file download site, SmarTone *iN!*, 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 85.

### Downloading Theme Files

**"Gallery" → "Themes" → "Download More"**

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

## Flash® (M 6–7)

### Playing Back Flash® Files

**"Gallery" → "Flash®"**

1. Select the file you wish to play back.

   To stop playback, press ⌫.

**Note**

- Flash® files of up to 150 KB can be played back.

### Using Images as Wallpaper

**"Gallery" → "Flash®"**

1. Highlight the file you wish to use as wallpaper.

2. Press [Options] and select "Set as Wallpaper".

### Using the Sound Files as a Ringtone

**"Gallery" → "Flash®"**

1. Highlight the file you wish to use as a ringtone.

2. Press [Options] and select "Set as ringtone".

## 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 Menus".*

## 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" → "Flash® "**
**"Gallery" → "Other Documents"**

### Activating Files with Copyright Protection (DRM)

Some pictures, sound files, video clips, Flash® files 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 Infrared and *Bluetooth* wireless technology, see "Connectivity" on page 138.

1. Select the appropriate folder for the desired file type (p. 85).
2. Highlight the desired file.
3. Press [Options] and select "Send".
4. Select "As Message", "As Email", "Bluetooth", "Infrared" or "Send via IrSS".

For "As Message"
For details, see "MMS" on page 64.

For "As Email"
For details, see "Email" on page 64.

For "Bluetooth"
For details, see "Bluetooth" on page 138.

For "Infrared"
For details, see "Infrared" on page 142.

*Note*
- *Pictures/Sounds/Video clips/Themes/Flash® files/Other Documents data protected by copyright cannot be sent attached to a message, with the exception of Separate Delivery files.*

- *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. Select "Yes".

   The received data is saved in the corresponding Gallery folder.

*Tip*
- *For details on Infrared or Bluetooth wireless settings, see "Connectivity" on page 138.*

**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 (p. 85).
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. |
| "Check All": | Selects all files in the list. |
| "Delete all": | Deletes all files in the folder. |

**Note**

• *"Manage Items" is not available for "GSX™ & Java™".*

To Delete the File

1. Select the appropriate folder for the desired file type (p. 85).
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 (p. 85).
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 "Download More" is highlighted.*

1. Select the appropriate folder for the desired file type (p. 85).
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 ᴬᴮᶜ, 4 ᴳᴴᴵ *and* 6 ᴹᴺᴼ *keys.*
  2 ᴬᴮᶜ : *Check/uncheck currently highlighted item.*
  4 ᴳᴴᴵ : *Checks all items in the current folder.*
  6 ᴹᴺᴼ : *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: | Pictures, Videos, Music and Sounds, Themes, GSX™ & Java™, Flash®, Other Documents, Others, Total and Free |
| Memory Card: | Pictures, Videos, Music and Sounds, Themes, Flash®, Other Documents, Others, Total and Free |

*"Gallery" → "Memory Status"*

1. Select "Handset Memory" or "Memory Card".

# Games & Applications (M 1)

## GSX™ & Java™ (M 1-1)

The list of Java™ applications is displayed.

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

### Downloading Applications (M 1-1-1)

*"Games & Applications"* → *"GSX™ & Java™"* → *"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™"*

**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™"*

**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™"*

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.

"Bluetooth Conn.": Sets permission to connect via *Bluetooth*.

"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.

"Location Access": Sets permission to send location information.

4. Select one of the following options:

"Ask Once": The confirmation message is displayed the first time network access is executed.

"Always Ask": The confirmation message is displayed every time network access is executed.

"Never Ask": The confirmation message is not displayed while execution of network access is authorised.

"No": Execution of network access is not authorised.

*Note*
- *Options displayed in step 4 depend on the item selected in step 3.*
- *To clear all the permission settings, select "Reset" in step 3.*
- *Some permissions are not available for some Java™ applications.*
- *"Bluetooth Conn.", "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™"*

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™"*

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

## Java™ Settings (M 1–2)

**Application Volume (M 1–2–1)**

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. 116) 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. 115). |

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 (M 1-2-3)
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 (M 1-2-4)
The priority of incoming calls, alarms and *Bluetooth* connection while an application is operating can be set.

***"Games & Applications"*** → ***"Java™ Settings"*** → ***"Calls & Alarms"***

**1.** Select "Voice Call", "Video Calling", "Incoming Message", "Alarm" or "Push Request".

**2.** Select the desired method.

- "Call Priority", "Message Priority", "Alarm Priority" or "Request Priority":
  The application is suspended automatically, and you can receive a call or a message, the alarm will sound or *Bluetooth* connection will start.
  After finishing the call or receiving the message, or when the alarm or *Bluetooth* connection ends, the suspend indicator ( ) is displayed letting you know there is a suspended application.

- "Call Notice", "Message Notice", "Alarm Notice" or "Request 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 the call. After finishing the call or receiving 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 an activation time from 1 to 10 seconds (in 2 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".

**Surround (M 1-2-6)**

You can set surround sound for Java™ applications.

*"Games & Applications"* → *"Java™ Settings"* → *"Surround"*

**1.** Select "On" or "Off".

**Default Settings (M 1-2-7)**

*"Games & Applications"* → *"Java™ Settings"* → *"Set to Default"*

**1.** Enter your handset code.

For details on the handset code, see "Change Handset Code" on page 123.

**Clearing All Memory (M 1-2-8)**

*"Games & Applications"* → *"Java™ Settings"* → *"Memory All Clear"*

**1.** Enter your handset code.

For details on the handset code, see "Change Handset Code" on page 123.

## 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" → "Tools 1" 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 desired category.
6. Select the reminder time.

   When selecting "Other", enter the desired reminder date and time.
7. Press [Save].

*Note*
- *If the date and time settings have not been entered, the date and time entry screen is displayed (p. 120).*
- *The reminder will not sound when "General Volume" (p. 116) is set to "Silent".*
- *You can display the Stamp screen by pressing* 2 *in the monthly or 3-month calendar view. Select the desired category.*

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" → "Tools 1" 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*

- You can control the view by using the following:
  Monthly, 2–month, 3–month or 6–month view
  <kbd>✳ ☉☰</kbd>: *Displays the previous month.*
  <kbd># ⚞</kbd>: *Displays the next month.*
  <kbd>0 +⁊</kbd>: *Displays the Help screen.*
  <kbd>2 ABC</kbd>: *Displays the Stamp screen (monthly and 3–month view only).*
  <kbd>4 GHI</kbd>: *Displays the Set Colour screen.*
  <kbd>5 JKL</kbd>: *Moves the cursor to today.*
  <kbd>6 MNO</kbd>: *Displays the Find (By Subject) screen.*
  <kbd>8 TUV</kbd>: *Displays the Go to (Enter Date) screen.*
  <kbd>9 WXYZ</kbd>: *Displays the Find (By Category) screen.*
  <kbd>◀</kbd>/<kbd>▶</kbd>: *Moves the cursor to left (the previous day) or to right (the next day).*
  <kbd>▲</kbd>/<kbd>▼</kbd>: *Moves the cursor upward (last week) or downward (next week).*

*Weekly view*
  <kbd>✳ ☉☰</kbd>: *Displays the previous week.*
  <kbd># ⚞</kbd>: *Displays the next week.*
  <kbd>0 +⁊</kbd>: *Displays the Help screen.*
  <kbd>4 GHI</kbd>: *Displays the Set Colour screen.*
  <kbd>5 JKL</kbd>: *Moves the cursor to today.*
  <kbd>6 MNO</kbd>: *Displays the Find (By Subject) screen.*
  <kbd>8 TUV</kbd>: *Displays the Go to (Enter Date) screen.*
  <kbd>9 WXYZ</kbd>: *Displays the Find (By Category) screen.*
  <kbd>◀</kbd>/<kbd>▶</kbd>: *Moves the cursor to left (the previous day) or to right (the next day).*
  <kbd>▲</kbd>/<kbd>▼</kbd>: *Moves the weekly view up or down (the previous hour or next hour).*

**Setting a Colour**

You can highlight a date or days of the week with seven colour options.

For Date Colour

*"Organiser" → "Tools 1" tab → "Calendar"*

**1.** Press [Options] and select "Calendar Settings".

**2.** Select "Set Colour".

**3.** Select "By Date".

**4.** Select the desired colour.

*Note*

- To reset the colour setting, select "No Setting" in step 4.

For Days of the Week Colour

**"Organiser" → "Tools 1" tab → "Calendar"**

1. Press [Options] and select "Calendar Settings".
2. Select "Set Colour".
3. Select "By Week" and then select days of the week you wish to colour.
4. 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.

**Setting a Holiday**

You can set personal holidays in the calendar.

**"Organiser" → "Tools 1" tab → "Calendar"**

1. Press [Options] and select "Calendar Settings".
2. Select "Set Holiday".
3. Enter the name.
4. Enter the date.
5. Select the desired frequency.
6. Press [Save].

**Finding a Schedule Entry**

You can search for a schedule entry by subject or category.

To Search by a Subject

**"Organiser" → "Tools 1" tab → "Calendar"**

1. In any view, press [Options] and select "Find".
2. Select "By Subject".
3. Enter a few letters of the subject.

   Search results are displayed in time order.

To Search by a Category

**"Organiser" → "Tools 1" tab → "Calendar"**

1. In any view, press [Options] and select "Find".
2. Select "By Category".
3. Select a desired category.
   Search results are displayed in time order.

**Editing a Schedule Entry**

**"Organiser" → "Tools 1" tab → "Calendar"**

1. Select the day you wish to edit.
2. Highlight the entry you wish to edit, press [Options], then select "Edit".
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": Deletes all entries for the selected day.

"All This Month" (monthly view and 3-month view):
: Deletes all entries for the selected month.

"Last two months" (2-month view):
: Deletes all entries for the selected two months.

"All This 6Months" (6-month view):
: Deletes all entries for the selected six months.

"All This Week" (weekly view):
: Deletes all entries for the selected week.

"Up to Last Month" (monthly view and 3-month view):
: Deletes all entries before the selected month.

"Up to Last Week" (weekly view):
: Delete all entries before the selected week.

"All Appointments": Deletes all entries in this application.

**Sending a Schedule Entry**

*"Organiser" → "Tools 1" 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", "Via Bluetooth" or "Via Infrared".

For "Via Bluetooth"
For details, see "Bluetooth" on page 138.

For "Via Infrared"
For details, see "Infrared" on page 142.

*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. Select "Yes".

   The received entry is saved in the Calendar.
   Select "No" to reject.

*Tip*
- *For details on entering Infrared or Bluetooth wireless settings, see "Connectivity" on page 138.*

**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" → "Tools 1" 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.
   - "Subject":
     Sets the subject for the alarm setting.
   - "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".
   - "Vibration":
     Sets the vibration pattern of the alarm.
     For details on selecting a vibration, see "Vibration" on page 119.
   - "Duration":
     Sets the duration of the alarm.

**Resetting an Alarm**

*"Organiser" → "Tools 1" tab → "Alarms"*

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

**Resetting All Alarms**

*"Organiser" → "Tools 1" tab → "Alarms"*

1. Press [Options] and select "Clear All".

**Setting for Silent Mode**
You can set whether to sound the alarm when the profile is set to "Silent".

*"Organiser" → "Tools 1" tab → "Alarms" → "Settings" → "For Silent Profile"*

1. Select "Ring" or "Do not Ring".

**Setting the Alarm to the World Clock Time**
You can set the alarm to sound according to the time of the World Clock.

*"Organiser" → "Tools 1" tab → "Alarms" → "Settings" → "Link to World Clk"*

1. Select "On" or "Off".

## Tasks (M 3–3)

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

### Creating a New Entry

*"Organiser" → "Tools 1" 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. 120).*

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 "Preset Sounds", "Music and Sounds", "Video Gallery" or "Flash®".
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 117.

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 Set the Alarm Volume

*"Organiser" → "Tools 1" tab → "Tasks"*

1. Press [Options] and select "Alarm Settings".
2. Select "Alarm Volume".
3. Press ☝ (or ▶) to increase the volume or press ▼ (or ◀) to decrease the volume and then press ◎.

To Set the Vibration

**"Organiser" → "Tools 1" tab → "Tasks"**

1. Press [Options] and select "Alarm Settings".
2. Select "Vibration".
3. Select "On", "Link to Sound" or "Off".

To Set for the Silent Mode
You can set whether to sound the alarm when the profile is set to "Silent".

**"Organiser" → "Tools 1" tab → "Tasks"**

1. Press [Options] and select "Alarm Settings".
2. Select "For Silent Profile".
3. Select "Ring" or "Do not Ring".

To Set the Priority

1. On the New Entry screen, select "Priority".
2. Select "Normal", "High" or "Low".

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.

To Unlock the Secret Settings Temporarily
You can show the secret tasks temporarily.

**"Organiser" → "Tools 1" tab → "Tasks"**

1. Highlight the desired entry.
2. Press [Options] and select "Unlock Temporarily".

*Note*
- *Once the phone has returned to standby, the temporarily unlocked tasks are reset as secret data.*

**Marking the Entry as Completed or Uncompleted**

**"Organiser" → "Tools 1" tab → "Tasks"**

**1.** Highlight the desired entry.

**2.** Press [Done].

To make the entry incomplete, press [Not Yet].

**Finding a Task Entry**

To Search by a Subject

**"Organiser" → "Tools 1" tab → "Tasks"**

**1.** Press [Options] and select "Find".

**2.** Select "By Subject".

**3.** Enter a few letters of the subject and press ◎.

Search results are displayed in time order.

To Search by a Due Date

**"Organiser" → "Tools 1" tab → "Tasks"**

**1.** Press [Options] and select "Find".

**2.** Select "By Due Date".

**3.** Select a desired due date and press ◎.

Search results are displayed in time order.

**Sending a Task Entry**

**"Organiser" → "Tools 1" tab → "Tasks"**

**1.** Highlight the task entry you wish to send.

**2.** Press [Options] and select "Send".

**3.** Select "As Message", "Via Bluetooth" or "Via Infrared".

For "Via Bluetooth"
For details, see "Bluetooth" on page 138.

For "Via Infrared"
For details, see "Infrared" on page 142.

**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" → "Tools 1" tab → "Tasks"*

1. Press [Options] and select "Memory Status".

**Deleting Entries**

*"Organiser" → "Tools 1" tab → "Tasks" → [Options] → "Delete"*

1. Select the desired option.

| | |
|---|---|
| "This Task": | Deletes the selected entry. |
| "All Completed Tasks": | Deletes all entries marked as "Completed". |
| "All Tasks": | Deletes all entries. |

## Calculator (M 3–4)

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

*"Organiser" → "Tools 1" tab → "Calculator"*



Key operations for calculation are as follows:

To enter a decimal point, press ⚹₀₈.
To clear the entered number or function, press ⌫/c.
To do the calculations, press ◎.
To start a new calculation, press ⌫/c.

### 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" → "Tools 1" tab → "Calculator" → [Options] → "Currency Converter" → "Exchange Rate"**

1. Select "Domestic" or "Foreign".
2. Enter the domestic or foreign currency.

To Convert a Value

**"Organiser" → "Tools 1" 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".

## Expenses Memo (M 3–5)

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

### Recording in the Expenses Memo (M 3–5–1)

**"Organiser" → "Tools 1" 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 3–5–2)

**"Organiser" → "Tools 1" 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 [Change].
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 3–5–3)**

**"Organiser"** → **"Tools 1" tab** → **"Expenses Memo"** → **"Edit Category"**

**1.** Select the desired category name.

**2.** Modify the name.

## Stopwatch (M 3– ◉ –1)

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

**"Organiser"** → **"Tools 2" tab** → **"Stopwatch"**

**1.** Press [Start].

Press [LAP] to view the lap time before the stopwatch stops. Last 4 lap times are saved.

**2.** Press [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".

## Countdown Timer (M 3– ▶ –2)

*"Organiser" → "Tools 2" tab → "Countdown Timer"*

1. Enter the time to count.
   You can set the time from 1 second to 60 minutes.

2. Press [Start].
   Press [Suspend] to pause the countdown.
   Press [Resume] to continue counting.

3. When the countdown has finished, press [Stop] and then press [Start] 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.

## World Clock (M 3– ▶ –3)

### Setting the Time Zone

*"Organiser" → "Tools 2" 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 [Accept].

To Set the Custom Time Zone

*"Organiser" → "Tools 2" tab → "World Clock"*

1. Press [Edit] and select "Set Time Zone".

2. Press [Original].

3. Enter the desired city name and time difference.

### Setting Daylight Saving

*"Organiser" → "Tools 2" tab → "World Clock"*

1. Press [Edit] and select "Daylight Saving".

2. Select "On" or "Off".

## Hour Minder (M 3– ▷ –4)

Hour Minder function informs you of the time by sounding a tone.

**"Organiser" → "Tools 2" tab → "Hour Minder"**

1. Select "Switch On/Off".
2. Select "On" or "Off".
3. Select "Select Time".
4. Select the desired time.
5. Select "Save".

To Change the Settings

**"Organiser" → "Tools 2" tab → "Hour Minder"**

1. Select "Advanced".
2. Select the item you wish to change.

| | |
|---|---|
| "Assign Tone/Video": | Assigns a tone or video clip file. |
| "Volume": | Sets the volume. |
| "Vibration": | Sets the vibration. |
| "Duration": | Sets the duration. |
| "For Silent Profile": | Sets whether to sound a tone when the profile is set to "Silent". |
| "Link to World Clk": | Sets to sound a tone according to the time of the World Clock. |

## Document Viewer (M 3– ▷ – ▷ –1)

You can view PC documents.

**"Organiser" → "Tools 3" tab → "Document Viewer"**

1. Select the file you wish to view.
   To cancel reading, press ⌫ or ☉.

*Note*
- You can view the following types of files with the document viewer: PDF (.pdf), Microsoft Excel (.xls), Microsoft Word (.doc), Microsoft PowerPoint (.ppt).
- For the shortcut keys that can be used in the document viewer, refer to the help by pressing [Options] and selecting "Help".
- A file of up to 10 MB can be opened.
- Some files may not be displayed correctly depending on the type or size, such as a file of vertical text (not supported) or when the memory runs out while viewing a large document.
- Document files that are saved in Gallery or linked in a WAP/Web page can be viewed with the document viewer.

## Text Templates (M 3–▷–▷–2)

You can register up to 60 text templates for use in text messages and multimedia messages. The maximum capacity of the text templates is 1,536 characters.

### Adding Phrases to Text Templates

*"Organiser" → "Tools 3" tab → "Text Templates" → "Add New Template"*

1. Enter the text.
2. Select the desired category.

### Editing Text Templates

*"Organiser" → "Tools 3" tab → "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 ◎.

### Changing the Category

*"Organiser" → "Tools 3" tab → "Text Templates"*

1. Highlight the desired text template.
2. Press [Options] and select "Change Category".
3. Select the desired category.

### Sending Text Templates

*"Organiser" → "Tools 3" tab → "Text Templates"*

1. Highlight the text template you wish to send.
2. Press [Options] and select "Send Template".
3. Select "As Message", "Via Bluetooth" or "Via Infrared".

For "Via Bluetooth"
For details, see "Bluetooth" on page 138.

For "Via Infrared"
For details, see "Infrared" on page 142.

## Voice Recorder (M 3–▷–▷–3)

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

**"Organiser" → "Tools 3" tab → "Voice Recorder"**

**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

**"Organiser" → "Tools 3" tab → "Voice Recorder"**

**1.** Press ◎ to start recording.

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

**2.** Select "Save and Send".

### Selecting the Record Time

**"Organiser" → "Tools 3" tab → "Voice Recorder" → [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

**"Organiser" → "Tools 3" tab → "Voice Recorder" → [Options] → "Save Recording to"**

**1.** Select the desired location.

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

## Phone Help (M 3–▷–▷–4)

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

**"Organiser" → "Tools 3" 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)

## Phone Settings

### Setting a Profile (M 9-1)
There are 4 profiles: "Normal", "Car", "Silent" and "Original".

### Activating a Profile

*"Settings" → "Phone Settings" tab → "Profiles"*

1. Select the desired profile.

*Note*

• When a profile is set, the corresponding indicator described on page 21 is displayed in standby.

*Tip*

• In standby, long press 🔳 or 🔳 to switch Profiles between Silent mode and the profile most recently activated.

### Resetting Profile Settings

*"Settings" → "Phone Settings" tab → "Profiles"*

1. Highlight the profile you wish to reset.

2. Press [Reset].

3. Enter your handset code.

   For details on the handset code, see "Change Handset Code" on page 123.

### Event Light
You can set the Small Light to flash when receiving an incoming call or a new message.

*"Settings" → "Phone Settings" tab → "Profiles"*

1. Highlight "Car", "Silent" or "Original".

2. Press [Edit].

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. |
| "Java Start": | Flashes when *Bluetooth* notification is received. |
| "Delivery Report": | Flashes when a delivery report is received. |

**Status Light**

You can set the Small Light to flash when you miss any incoming calls or new messages.

**"Settings" → "Phone Settings" tab → "Profiles"**

1. Highlight "Car", "Silent" or "Original".
2. Press [Edit].
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. |
| "Java Start": | Flashes when *Bluetooth* notification is missed. |
| "Delivery Report": | Flashes when a delivery report is missed. |

**Any Key Answer**

You can answer a call by pressing any key except 🔴, ⌦, ✉, [Options] or [Busy]. For details, see page 25.

**"Settings" → "Phone Settings" tab → "Profiles"**

1. Highlight "Car", "Silent" or "Original".
2. Press [Edit].
3. Select "Any Key Answer".
4. Select "On" or "Off".

**Setting the Display (M 9–2)**

You can change the display settings.

**Setting the Wallpaper (M 9–2–1)**

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 "Vertical" or "Horizontal".
2. Select the folder in which the picture you wish to set is contained.

   Pictures can be selected from "Preset Pictures", "Picture Gallery", "Flash®" or "Other Documents".
3. Select the desired picture.
4. 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 2.*

**Assigning Pictures (M 9-2-2)**

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 "Preset Animation" when you select "Power On" or select "Power Off" in step 1.

   Select "Pattern 1", "Pattern 2" or "Pattern 3" when you select "Incoming Voice Call", "Incoming Video Call" or "Alarm" 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 "Picture Gallery", "Flash®" or "Other Documents".

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 Font (M 9-2-3)**

To Set the Font Size

**"Settings" → "Phone Settings" tab → "Display Settings" → "Font Settings"**

1. Select "Font Size".

2. Select the desired font size.

To Set the Font Weight

**"Settings" → "Phone Settings" tab → "Display Settings" → "Font Settings"**

1. Select "Font Weight".

2. Select the desired font weight.

**Setting the Standby Display (M 9-2-4)**

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 Vivid Mode (M 9–2–5)**

*"Settings" → "Phone Settings" tab → "Display Settings" → "Vivid mode"*

**1.** Select the desired mode.

**Setting the Greeting Message (M 9–2–6)**

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).*

**Setting the External Display (M 9–2–7)**

To Select the Backlight Time Out Duration

*"Settings" → "Phone Settings" tab → "Display Settings" → "External Display" → "Duration"*

**1.** Select the desired time out.

Select "Off" to shut the backlight off.

To Set the Message

*"Settings" → "Phone Settings" tab → "Display Settings" → "External Display" → "Messages"*

**1.** Select "Display" or "Not Display".

To Set the Date & Time

*"Settings" → "Phone Settings" tab → "Display Settings" → "External Display" → "Display Date & Time"*

**1.** Select the desired display format for the date and time.

To Set the Clock Type

*"Settings" → "Phone Settings" tab → "Display Settings" → "External Display" → "Clock Type"*

**1.** Select the desired clock type.

To Set Incoming Indication

Caller number or registered caller name can be displayed on the external display when receiving an incoming call.

*"Settings" → "Phone Settings" tab → "Display Settings" → "External Display" → "Caller Display"*

**1.** Select "On" or "Off".

**Backlight (M 9–2–8)**

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 Duration

**"Settings" → "Phone Settings" tab → "Display Settings" → "Backlight" → "Time Out"**

**1.** Select the desired time.

When selecting "Other", enter 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 5 levels of clarity.

**2.** Press ◎.

*Note*

• *You can set the auto brightness adjustment function by selecting "Auto Sensor" in step 1.*

**Setting the Display Saving (M 9–2–9)**

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.*

### Setting the Dial Number (M 9–2–10)

You can set the type of number which is displayed when making a call.

**"Settings"** → **"Phone Settings" tab** → **"Display Settings"** → **"Dial Number"**

**1.** Select the desired type of dial number.

### Themes (M 9–3)

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** → **"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.*

### Sound Settings (M 9–4)

You can use this menu to check or edit the current profile settings (except "Any Key Answer").

**"Settings"** → **"Phone Settings" tab** → **"Sound Settings"**

### Volume (M 9–4–1)

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

**"Settings"** → **"Phone Settings" tab** → **"Sound Settings"** → **"Volume"**

**1.** Select "For Incoming Call", "For New Message", "Java Start", "Delivery Report" or "General Volume".

**2.** 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.

**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 "Music and Sounds" as the default ringtone.

*"Settings"* → *"Phone Settings" tab* → *"Sound Settings"* → *"Ringtone/Ringvideos"*

1. Select "For Voice Call" or "For Video Calling".
2. Select "Preset Sounds", "Music and Sounds" or "Flash®".
3. Highlight the ringtone you wish to use.
4. Press ◎.

*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", "Preset Sounds" or "Flash®".*

**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 "Video Gallery" as the default ring video clip.

*"Settings"* → *"Phone Settings" tab* → *"Sound Settings"* → *"Ringtone/Ringvideos"*

1. Select "For Voice Call" or "For Video Calling".
2. Select "Video Gallery".
3. Highlight the ring video clip file you wish to use.
   To preview the file, press [Options] and select "Play".
4. Press ◎.

### Notification

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

***"Settings" → "Phone Settings" tab → "Sound Settings" → "Ringtone/Ringvideos"***

1. Select "For New Message", "Java Start" or "Delivery Report".
2. Select "Assign Tone".
3. Select the desired folder.
4. 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" or "Assigning a Ring Video Clip for an Incoming Call" on page 117.
5. Press ◎.
6. Select "For New Message", "Java Start" or "Delivery Report".
7. Select "Duration".
8. 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" → "Phone Settings" tab → "Sound Settings" → "System Sounds" → "Keypad Tones"***

1. Select the desired tone pattern.

### Warning Tone

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

***"Settings" → "Phone Settings" tab → "Sound Settings" → "System Sounds" → "Warning Tone"***

1. Select "Sound" or "Duration".

   For "Sound", select "Off", "Preset Sounds" or "Music and Sounds".
   For "Duration", select the desired time.

**Power On/Off Sound**

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

***"Settings" → "Phone Settings" tab → "Sound Settings" → "System Sounds"***

1. Select "Power On Sound" or "Power Off Sound".

2. 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.

**Handset Open/Close Sound**

Your phone can be set to emit a sound when it is opened or closed.

***"Settings" → "Phone Settings" tab → "Sound Settings" → "System Sounds"***

1. Select "Handset Open" or "Handset Close".

2. Select "Sound" or "Duration".

   For "Sound", select "Off", "Preset Sounds" or "Music and Sounds".
   For "Duration", select the desired time.

**Charge Full**

Your phone can be set to emit a sound when it is fully charged.

***"Settings" → "Phone Settings" tab → "Sound Settings" → "System Sounds" → "Charge Full"***

1. Select "Sound" or "Duration".

   For "Sound", select "Off", "Preset Sounds" or "Music and Sounds".
   For "Duration", select the desired time.

**Vibration (M 9–4–4)**

***"Settings" → "Phone Settings" tab → "Sound Settings" → "Vibration"***

1. Select "For Incoming Call", "For New Message", "Java Start" or "Delivery Report".

2. Select "Switch On/Off" and then select "On" or "Link to Sound" to activate.

3. Select "Vibration Pattern" and then select the desired vibration pattern.

*Tip*

• *When you select "On" for "For Incoming Call", " 📳 " is displayed in standby.*

**Surround Sound (M 9–4–8)**

You can set surround sound.

*"Settings" → "Phone Settings" tab → "Sound Settings" → "Surround"*

**1.** Select "On", "Link to Sound" or "Off".

**Date & Time (M 9–5–1)**

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 9–5–2)

*"Settings" → "Phone Settings" tab → "Date & Time" → "Daylight Saving"*

**1.** Select "On" or "Off".

To Set the Time Zone

*"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"*

**1.** Press [Original].

**2.** Enter the city name.

**3.** Enter the time–zone differences using the digit keys.

Press ● or ● to switch between – and +.

**4.** Press ○.

World Clock (M 9–5–4)
For details, see page 106.

To Select the Time Format (M 9–5–5)

*"Settings" → "Phone Settings" tab → "Date & Time" → "Time Format"*

**1.** Select "24 Hour" or "12 Hour".

To Select the Date Format (M 9-5-6)

**"Settings"** → **"Phone Settings" tab** → **"Date & Time"** → **"Date Format"**

1. Select from "D–M–Y", "M–D–Y" or "Y–M–D".

To Select the Calendar Format (M 9-5-7)

**"Settings"** → **"Phone Settings" tab** → **"Date & Time"** → **"Calendar Format"**

1. Select "Sunday–Saturday" or "Monday–Sunday".

**Language Setting (M 9-6)**
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.*

**Display Rotation (M 9-7)**
You can assign a function to activate automatically when the display is rotated to the cycloid position in standby.

**"Settings"** → **"Phone Settings" tab** → **"Display Rotation"**

1. Select "Rotate 90deg. to".

2. Select the desired function.

To Set for Answering Incoming Calls
You can answer incoming calls by rotating the display to the portrait position from the cycloid position.

**"Settings"** → **"Phone Settings" tab** → **"Display Rotation"**

1. Select "Answer calls".

2. Select "Portrait: Answer call.".

**Setting the Sound Output (M 9-8)**

**"Settings"** → **"Phone Settings" tab** → **"Switch ringtone output"**

1. Select "Earphone only" or "Earphone + speaker".

**Change Menu (M 9–10)**

You can change the type of menu to display.

*"Settings"* → *"Phone Settings" tab* → *"Change Menu"*

**1.** Select "Standard Menu" or "Large Font Menu".

**Security Settings**

You can set various locks on your phone such as PIN Entry and Handset Lock.

*"Settings"* → *"Phone Settings" tab* → *"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 after selecting "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 "Change Handset Code".

**History Lock**

The History Lock function prevents unauthorised access to Call Log. By setting this option on, Call Log cannot be viewed until the correct handset code is entered.

Press [Check] to lock or [Uncheck] to unlock.

**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 "Change Handset Code".

**Change 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.

**Master Reset**

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 "Change Handset Code".

*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

**"Settings"** → **"Phone Settings" tab** → **"Master Reset"** → **"Reset All"**

1. Enter your handset code.

   For details on the handset code, see "Change Handset Code" on page 123.

## Call/Video Call

### Voicemail & Diverts (M 9–📡–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 [1 ⌂] in standby.

To Activate the Voicemail Service

**"Settings"** → **"Call/Video Call" tab** → **"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. Select the period of time from 6 levels (05 to 30 seconds).
   "Not Reachable":   Diverts incoming calls when your phone has no network service or is switched off.

2. Press ◎.

To Activate the Diverts Service
Select the appropriate option.

**"Settings" → "Call/Video Call" tab → "Voicemail & Diverts" → "Diverts"**

1. Select "All Services", "Voice Calls", "Video Callings", "Fax" or "Messages".
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. 44).
4. Press ◎.

*Note*

• *When "Voice Calls" diverts are set to "Always", "▤" is displayed in standby.*

To Check the Diverts Status

**"Settings" → "Call/Video Call" tab → "Voicemail & Diverts" → "Status"**

1. Select the diverts option you wish to check.

To Deactivate the Diverts Service
Select the appropriate option.

**"Settings" → "Call/Video Call" tab → "Voicemail & Diverts" → "Deactivate"**

1. Select from "Always", "When Busy", "No Answer" or "Not Reachable".
2. Press ◎.

To Cancel the Diverts and Voicemail Service
Once you have changed the diverts settings, you can cancel them all with this service.

**"Settings" → "Call/Video Call" tab → "Voicemail & Diverts" → "Cancel All"**

**Video Calling Settings (M 9-⯌-2)**

Set various types of functions and services for video callings.

To Select an Image for the Alternative Image
(M 9-⯌-2-1)

You can select an image shown to the other party between the camera image and an alternative image from the saved picture files.

*"Settings" → "Call/Video Call" tab → "Video Calling Settings" → "Camera Picture"*

1. Select "Default Image" or "Alternative Image".

   For "Default Image", select "Alternative Image" or "External Camera".

   For "Alternative Image", select "Preset Picture", "Picture Gallery" or "Custom screen".

To Select the Picture Quality

Select the desired data format for your environment.

*"Settings" → "Call/Video Call" tab → "Video Calling Settings" → "Incoming Picture Quality"*

*"Settings" → "Call/Video Call" 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 Assign Hold Guidance Picture (M 9-⯌-2-4)

You can display an image saved in the phone on your display while you are putting a call on hold.

*"Settings" → "Call/Video Call" tab → "Video Calling Settings" → "Hold Guidance Picture"*

1. Select "Preset Picture", "Picture Gallery" or "Custom screen".

2. Select the desired picture.

To Set the Backlight (M 9-⯌-2-5)

With this setting on, the phone's backlight is on when making a video calling.

*"Settings" → "Call/Video Call" 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. 115).

To Turn On or Off the Speaker (M 9–⟐–2–6)

**"Settings" → "Call/Video Call" tab → "Video Calling Settings" → "Loudspeaker"**

1. Select "On" to turn on the loudspeaker or select "Off" to turn it off.

To Mute the Microphone (M 9–⟐–2–7)
You can mute the microphone while making a video calling.

**"Settings" → "Call/Video Call" tab → "Video Calling Settings" → "Mute Microphone"**

1. Select "On" to mute or "Off" to cancel mute.

To Set the Remote Monitor
You can set the phone to answer video callings automatically.

**"Settings" → "Call/Video Call" tab → "Video Calling Settings" → "Remote Monitor"**

1. Enter your handset code.
2. Select "Switch On/Off".
3. Select "On" or "Off".

To Set the Auto Answer List
Register phone numbers to the Auto Answer list.

**"Settings" → "Call/Video Call" tab → "Video Calling Settings" → "Remote Monitor"**

1. Enter your handset code.
2. Select "Auto Answer List".
3. Select a blank field.
4. Enter the desired number.

To Set the Answer Time

**"Settings" → "Call/Video Call" tab → "Video Calling Settings" → "Remote Monitor"**

1. Enter your handset code.
2. Select "Answer Time".
3. Enter the time from 0 to 30 seconds (in 2 digits).

**Showing Your Number (M 9–▶–3)**

This lets you control whether to show your phone number when calling another party or not.

***"Settings" → "Call/Video Call" tab → "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–▶–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" → "Call/Video Call" tab → "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" → "Call/Video Call" tab → "Restrict Calls"**

1. Select "Outgoing Calls" or "Incoming Calls".
2. Select "Cancel All".
3. Enter the network password.

**Fixed Dialling Numbers**
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

**"Settings" → "Call/Video Call" tab → "Restrict Calls" → "FDN"**

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

To Add a New Name

**"Settings" → "Call/Video Call" tab → "Restrict Calls" → "FDN"**

1. Enter your PIN2 code.
2. Select "Edit Dial List".
3. Select a blank field.
4. Add a name and a phone number.

   For details on adding a name and phone number, see "Adding a New Entry" on page 43.
5. Press [Save].

**Rejecting an Incoming Call**
You can register phone numbers you do not wish to answer.

To Reject the Registered Number

**"Settings" → "Call/Video Call" tab → "Restrict Calls" → "Rejected Numbers" → "Switch On/Off"**

1. Select "On" or "Off".

To Register the Rejected Number

*"Settings"* → *"Call/Video Call" tab* → *"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"* → *"Call/Video Call" tab* → *"Restrict Calls"*
→ *"Withheld Call"*

1. Select "On" or "Off".

**Changing the Network Password**

*"Settings"* → *"Call/Video Call" tab* → *"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– ▷–5)**

Minute Minder function informs you of your talk time by
sounding a tone after every minute.

*"Settings"* → *"Call/Video Call" tab* → *"Minute Minder"*

1. Select "On" or "Off".

**Auto Answer  (M 9– ▷–6)**

You can set the phone to answer voice calls automatically.

*"Settings"* → *"Call/Video Call" tab* → *"Auto Answer"*

1. Enter your handset code.
2. Select "Switch On/Off".
3. Select "On" or "Off".

To Set the Answer Time

*"Settings"* → *"Call/Video Call" tab* → *"Auto Answer"*

1. Enter your handset code.
2. Select "Answer Time".
3. Enter the time from 1 to 30 seconds.

**Call Waiting (M 9–▷–7)**

**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" → "Call/Video Call" tab → "Call Waiting"**

**1.** Select "On", "Off" or "Status".

**Display Call Timer (M 9–▷–8)**

**"Settings" → "Call/Video Call" tab → "Display Call Timer"**

**1.** Select "On" or "Off".

**Display Call Cost (M 9–▷–9)**

**"Settings" → "Call/Video Call" tab → "Display Call Cost"**

**1.** Select "On" or "Off".

**Auto Redial (M 9–▷–10)**

**"Settings" → "Call/Video Call" tab → "Auto Redial"**

**1.** Select "On" or "Off".

**Network Settings (M 9–▷–▷–1)**

To Select a Service Automatically
Each time the power is turned on, your phone selects a service automatically.

**"Settings" → "Network Settings" tab → "Network Settings" → "Select Service"**

**1.** Select "Auto".

To Select a Service Manually

**"Settings" → "Network Settings" tab → "Network Settings" → "Select Service"**

**1.** Select "GSM".

**Note**

- *When "GSM" is selected for the network setting, functions for 3G service, such as video callings or high speed data access, cannot be used.*

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" → "Network Settings" tab → "Network Settings" → "Select Network" → "Automatic"***

To Select the Network Manually

***"Settings" → "Network Settings" tab → "Network Settings" → "Select Network" → "Manual"***

**1.** Select the desired network.

To Edit the Preferred List

***"Settings" → "Network 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.

To Add a New Network

***"Settings" → "Network 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.

**Showing the Network Information (M 9–▶–▶–1–3)**

***"Settings" → "Network Settings" tab → "Network Settings" → "Network Information"***

Information about the operator is displayed.

**Off Line Mode (M 9–▶–▶–2)**

When the Off Line Mode is set to "On", the phone cuts off the network connections and stops searching for available networks to connect.

***"Settings" → "Network Settings" tab → "Off Line Mode"***

**1.** Select "On" or "Off".

**Internet Settings (M 9–▶–▶–3)**

*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–▶–▶–3-1)

*"Settings" → "Network Settings" tab → "Internet Settings" → "Browser Settings" → "Create New"*

| | |
|---|---|
| "Profile Name": | Browser profile name (unique name) |
| "Proxy": | Proxy setting for Browser (when "Use Proxy" is On) |
| "Access Point": | Access point for Browser (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–▶–▶–3-2)

*"Settings" → "Network 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–▶–▶–3-3)

*"Settings" → "Network 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–▶–▶–3–4)

**"Settings" → "Network 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–▶–▶–3–5)

**"Settings" → "Network 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–▶–▶–3–6)

**"Settings" → "Network Settings" tab → "Internet Settings" → "Re–provisioning Settings" → "Execute Pending"**

Clearing DNS Cache  (M 9–▶–▶–3–7)

**"Settings" → "Network Settings" tab → "Internet Settings" → "Clear DNS Cache"**

To Activate the Browser/Java™/Streaming Profile

***"Settings" → "Network Settings" tab → "Internet Settings"***

1. Select "Browser Settings", "Java™ Settings" or "Streaming Settings".

2. Select the desired profile you wish to activate.

To Edit/View/Copy/Delete the Browser/Java™/Streaming/Proxy/Access Point Profile

***"Settings" → "Network 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. |
| "View": | Confirm the details of the profile. |
| "Copy": | Enter the new file name. |
| "Delete": | Select "Yes" to delete. |

# 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 65.

### 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 "Received Calls" or "Dialled 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 "Change Handset Code" on page 123.

## Call Costs

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**

*"Call Log"* → *"Call Costs"* → *"Last Call"*

**Checking the Total Call Cost**

*"Call Log"* → *"Call Costs"* → *"All Calls"*

**Setting the Charge Rate**
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**
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**

*"Call Log"* → *"Call Costs"* → *"Residual Credit"*

**Resetting All Call Costs**

*"Call Log"* → *"Call Costs"* → *"Clear Costs"*

1. Enter your PIN2 code.

## Data Counter

You can confirm the number of bytes used in the data transmission.

*"Call Log"* → *"Data Counter"*

1. Select from "Last Data" or "All Data".

**Resetting All Data Counter**

*"Call Log"* → *"Data Counter"* → *"Clear Counter"*

# Connectivity (M 12)

By configuring the settings in this menu, you can connect to *Bluetooth* wireless technology or infrared 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 Search for Devices to be Paired (M 12–1–2)
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 139.
- 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 138 or in "To Turn Off Automatically" on page 141.*
- *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 [Options] and select "Set to Prior Connect".

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 [Options] and select "Set to Prior Connect".

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 12–1–4)
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 "Change Handset Code" on page 123.

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. Select "Yes" to deactivate.*

**Bluetooth Wireless Settings (M 12–1–5)**
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 Show or Hide Your Phone

**"Connectivity"** → **"Bluetooth"** → **"Bluetooth Settings"** → **"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 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 Set Java™ Application Request

You can set whether to accept Java™ application requests from other devices.

**"Connectivity" → "Bluetooth" → "Bluetooth Settings" → "Java™ Application Request" → "Switch On/Off"**

**1.** Select "On" or "Off".

To View the Last Received Java™ Application Request

**"Connectivity" → "Bluetooth" → "Bluetooth Settings" → "Java™ Application Request" → "Latest Information"**

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 See Your Phone Details (M 12−1−6)

**"Connectivity" → "Bluetooth" → "My Phone Details"**

## Infrared (M 12–2)

In order to use the Infrared function, you need to search for other infrared enabled devices to establish contact with your phone. Keep your phone within a distance of 20 centimetres before searching. The infrared setting will return to off when no data is transmitted/received via infrared communication.

### Turning On or Off (M 12–2–1)

*"Connectivity"* → *"Infrared"* → *"Switch On/Off"*

**1.** Select "On(3 min)" or "Off".

The infrared setting is activated, and " 🛜 " is displayed.

### Sending All Data (M 12–2–2)

*"Connectivity"* → *"Infrared"* → *"Send All"*

**1.** Enter your handset code.

For details on the handset code, see "Change Handset Code" on page 123.

**2.** Select the desired data to send.

**3.** Enter the authorisation code.

## Mass Storage (M 12–3)

You can set the phone to connect to a PC via Mass Storage mode.

*"Connectivity"* → *"Mass Storage"*

**1.** Select "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 12–4)

You can set the phone to charge via USB, connected to a PC.

*"Connectivity"* → *"USB Charge"*

**1.** Select "Enable" or "Disable".

## Card Settings (M 12–5)

### Formatting Memory Card (M 12-5-2)

*"Connectivity"* → *"Card Settings"* → *"Format Card"*

1. Enter your handset code.

   For details on the handset code, see "Change Handset Code" on page 123.

2. Select "Yes" to start formatting.

### Making a Backup File

With a memory card inserted in your phone, you can make backup files of messages saved in Inbox/Drafts/Sent, Bookmarks, Text, Phonebook entries, Message Groups, Calendar and Tasks in the handset memory to the memory card. You can also restore the backup data from the memory card.

*"Connectivity"* → *"Card Settings"* → *"Backup/Restore"* → *"Backup"*

1. Enter your handset code.

   For details on the handset code, see "Change Handset Code" on page 123.

2. Select the desired item to back up or "Select All" to back up all files.

### Restoring a Backup File

*"Connectivity"* → *"Card Settings"* → *"Backup/Restore"* → *"Restore"*

1. Enter your handset code.

   For details on the handset code, see "Change Handset Code" on page 123.

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. Select "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 SX862 to Your PC

(SX862 CD-ROM may be purchased separately.)

You can use the following functions by connecting the SX862 to your PC using a USB data cable or via *Bluetooth* wireless technology:

- 3G/GSM modem
- Handset Manager for SX862
- Music Manager for SX862
- Sync Manager for SX862

## System Requirements

Operating System:

Windows 2000*, Windows XP**, Windows Vista

\*   Service Pack 4 or later
\*\*  Service Pack 2 or later

Supported Software:

Microsoft 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 SX862 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 SX862 CD-ROM screen is displayed.
   If the SX862 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 for the 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 138.

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 138.

3. Insert the CD–ROM into your PC's CD–ROM drive.
   The SX862 CD-ROM screen is displayed.
   If the SX862 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 for the 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 SX862 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/themes/Flash® files/Other Documents data)
- Phonebook entries
- Schedule entries

### Via USB Data Cable

1. Insert the CD−ROM into your PC's CD−ROM drive.
   The SX862 CD-ROM screen is displayed.
   If the SX862 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 144.

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. Power on your phone and attach the phone to the USB port of your PC using the USB data cable (optional accessory).

5. Launch Handset Manager from the relevant folder.

6. Enter your handset code.

7. Follow the on−screen instructions of Handset Manager.

**Via Bluetooth**

1. Insert the CD−ROM into your PC's CD−ROM drive.
   The SX862 CD-ROM screen is displayed.
   If the SX862 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. Launch Handset Manager from the relevant folder.
5. Enter your handset code.
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

Play — Previous — Next — Add Playlist — Add Smart Playlist — Remove Playlist

Search Media File — Browse — Input Window

Media Management in PC

Media Management in Handset
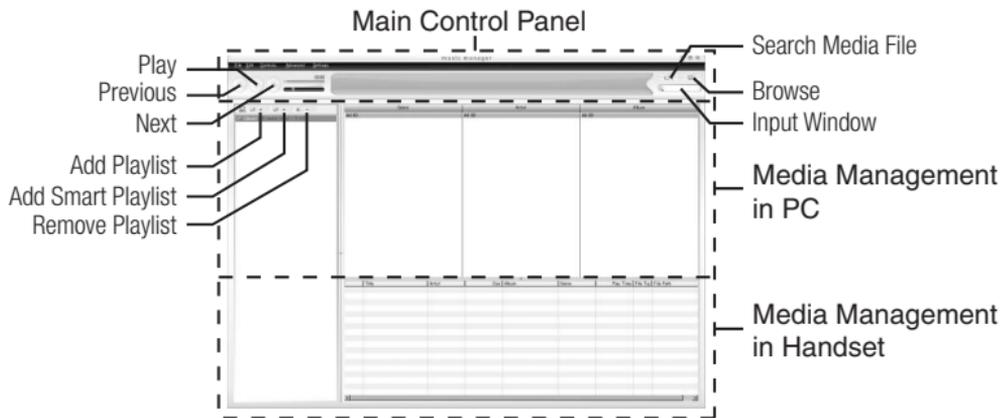
**Main Control Panel**

Control all the main actions from here.

| | |
|---|---|
| Play: | Plays back a file. |
| Previous: | Returns to the top portion of the current file. |
| Next: | Jumps to the next file. |
| Search Media File: | Searches for a media file. |
| Browse: | Browses all the media files sorted in Genre/Artist/Album. |
| Input Window: | Quickly finds 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: | Creates a new playlist. |
| Add Smart Playlist: | Creates a smart playlist. |
| Remove Playlist: | Removes a 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 SX862 area on Music Manager, and the files will be uploaded to the SX862. 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. | • Make sure the battery is properly inserted and charged. |
| PIN code or PIN2 code is rejected. | • Make sure you have entered the correct code (4 to 8 digits).<br>• Your SIM/USIM card/protected functions will become locked after three unsuccessful attempts.<br>• Contact your SIM/USIM provider if you do not have the correct PIN code. |
| The SIM/USIM card becomes locked. | • Enter the PUK code (8 digits) provided by your service provider (if supported).<br>• If the attempt is successful, enter the new PIN code and confirm your phone is operational again. Otherwise contact your dealer. |

| Problem | Solution |
|---------|----------|
| The display is difficult to read. | • Adjust the backlight brightness for the display. |
| Phone functions do not work after the phone is turned on. | • Check the radio signal strength indicator as you may be outside the service area.<br>• Check to see if any error message is displayed when you turn your phone on. If so, contact your dealer.<br>• Make sure the SIM/USIM card is correctly inserted. |
| Call quality is poor. | • Your current location may not provide good call quality (i.e., in a car or train). Move to a location where radio signal strength is greater. |
| Cannot send or receive text message. | • Make sure you are correctly subscribed for the Short Message Service, that the network supports this service, and that the centre number is set up correctly. If not, contact your network service provider. |

| Problem | Solution |
|---------|----------|
| Calls cannot be made or received. | • 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.<br>• Check your call barring, fixed dialling setting, remaining battery and call forwarding settings.<br>• Check if your phone is currently performing data communication using Infrared (IrDA), *Bluetooth* wireless technology interface or a USB data cable.<br>• Check the remaining balance if you are using a pre–paid SIM/USIM card. |
| Cannot access network service. | • Check where your account has been registered and where the service is available. |
| Limited memory available. | • Delete any unnecessary data. |

| Problem | Solution |
|---------|----------|
| Cannot connect to Multimedia Messaging Service provider. | • MMS settings and configuration may be missing or incorrect or the network does not support it. Check your service provider's access point number.<br>Contact your service provider to confirm the correct settings. |
| Call is terminated unexpectedly. | • Magnetised objects such as health necklaces placed near the phone may terminate the call. Keep your phone away from such objects. |
| No entries are displayed in the Phonebook. | • Confirm that the Source setting (Handset or SIM/USIM) is correct. |
| Cannot receive OBEX data. | • The OBEX data can only be received in standby. |

# 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.

### Mobile Light

**Do not use Mobile Light near people's faces.**
Eyesight may be temporarily affected leading to accidents.

### CAUTION

Use of controls, adjustments or performance of procedure other than those specified herein may result in hazardous radiation exposure. As the emission level from Mobile Light LED

EN60825-1:1994 A1:2002 & A2:2001

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CLASS 1
LED Product
```

used in this product is harmful to the eyes, do not attempt to disassemble the cabinet. Servicing is limited to qualified servicing station only.



Mobile Light

CAUTION-CLASS 1M
LED RADIATION WHEN OPEN
DO NOT VIEW DIRECTLY WITH
OPTICAL INSTRUMENTS
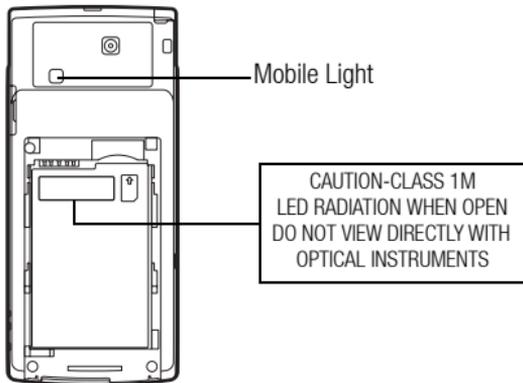
## Mobile Light LED Properties

a) Emission Duration: Continuous

b) Wavelength
White: 400-700 nm

c) Maximum Emission Output
White: 240 μW (1.2 mW inside handset)

### 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 14.

**Aerial Care**
- Do not cover the hinge area of the phone (p. 12, No. 23) 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.
- The phone uses a magnet to recognise that the phone is closed. Do not place magnetic cards near your phone or get the card caught in the phone as it may damage the recorded data.

## 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 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 0.738 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 0.319 W/kg and when worn on the body, as described in this user guide, is 0.362 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 APYHRO000065.

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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