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A copy of the original declaration of conformity can be found at the following

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<http://www.sharp-mobile.com>

Introduction

Congratulations on your new 3G/UMTS 903SH 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.
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- 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.

- Occasionally, a few black or bright pixels may appear on the screen. Please note that this will not have any impact on any of the features or on performance.

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Useful Functions and Services

Your phone offers you the following features:

- Video calls. You can talk while viewing each other on respective screens.
- 3D and colour Java™ games and applications with a graphic accelerator. You can also download various games and applications from Vodafone via the mobile Internet.
- A built-in digital camera for taking pictures and video clips.
- A message function for reading and creating SMS messages.
- MMS (Multimedia Messaging Services) for personalising your phone in various ways.
- A colour WAP browser for accessing information on the mobile Internet.
- Your own ringtones and ringvideos. You can use downloaded sound or video clip files as a ringtone or ring video clip.

- Playback of the 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 data synchronisation function for updating Contacts List entries on the Internet.
- A schedule alarm for creating and sending schedule entries with alarm settings.
- Video output. You can connect your phone to other devices, such as TVs or videos set to output, and display Java™ data, images, or video clips.
- With the built-in digital camera, you can read texts and barcodes, and create QR codes.
- A miniSD™ memory card slot that expands connectivity with a PC using the memory card.

Contents

Introduction	1
Your Phone	7
Getting Started	8
Inserting the SIM Card and the Battery	11
Removing the SIM Card and the Battery	12
Charging the Battery	13
Inserting the Memory Card	14
Removing the Memory Card	15
Turning Your Phone On and Off	15
Keypad Lock	15
Display Indicators	16
Opening Your Phone	17
Navigating Functions	19
Using in the Normal Position of the Display	19
Voice Call/Video Call Functions	20
Making a Voice Call	20
Speed Dialling	21
Redialling	21
Answering a Voice Call	21
In Call Menu (Voice Call)	22
Making a Video Call	25
Answering a Video Call	25
In Call Menu (Video Call)	26
Entering Characters	28
Changing the Input Language	29

Changing the Input Mode	29
My Dictionary	29
Using Templates	30
Using the Menu	31
Main Menu	31
Shortcut Keys	32
Contacts List	33
Changing the Name Order	33
Changing the List Displayed	33
Selecting the Storage Memory	33
Sorting the Contacts List Entries	34
Add New Contact	34
Viewing My Contact Details	34
Copying Contacts List Entries between SIM Card and Handset	34
Finding a Name	35
Dialling from the Contacts List	35
Editing Contacts List Entries	35
Assigning a Ringtone or a Ring Video Clip to Each Entry	36
Deleting Contacts List Entries	36
Manage Category	36
Contact Groups	37
Memory Status	38
Speed Dial List	38

Sending a Contacts List Entry	38	Videos	66
Receiving a Contacts List Entry	38	Other Documents	66
Sending a Voice Clip Message or Video Clip Message		Common Option Menus	67
Using an Address from the Contacts List	39	Games & Applications	70
Synchronising Contacts List Entries with those on the Internet	39	Text Templates	70
Camera	40	Memory Status	70
Taking Pictures	40	Entertainment	71
Recording Video Clips	41	Games & Applications	71
Common Options Menu Indicators (viewer positions of the display)	41	Settings	73
Common Functions in the Photo and Video Camera Modes	42	TV & Video	75
Functions in the Photo Camera Mode	44	Organiser & Tools	79
Functions in the Video Camera Mode	46	Calendar	79
Messaging	48	Alarms	82
SMS	48	Calculator	83
MMS	48	Voice Recorder	84
Email	48	Scanner	85
Creating a New Message	49	E-Book	86
Messaging Settings	55	Stopwatch	87
Vodafone live!	59	Tasks	87
Navigating a WAP Page	60	World Clock	89
Music	62	Countdown Timer	89
Music Player	62	Expenses Memo	89
My Items	64	Phone Help	90
Pictures	64	SIM Application	91
Sounds & Ringtones	65	Settings	92
		Profiles	92
		Setting the Display	95
		Sound Settings	98

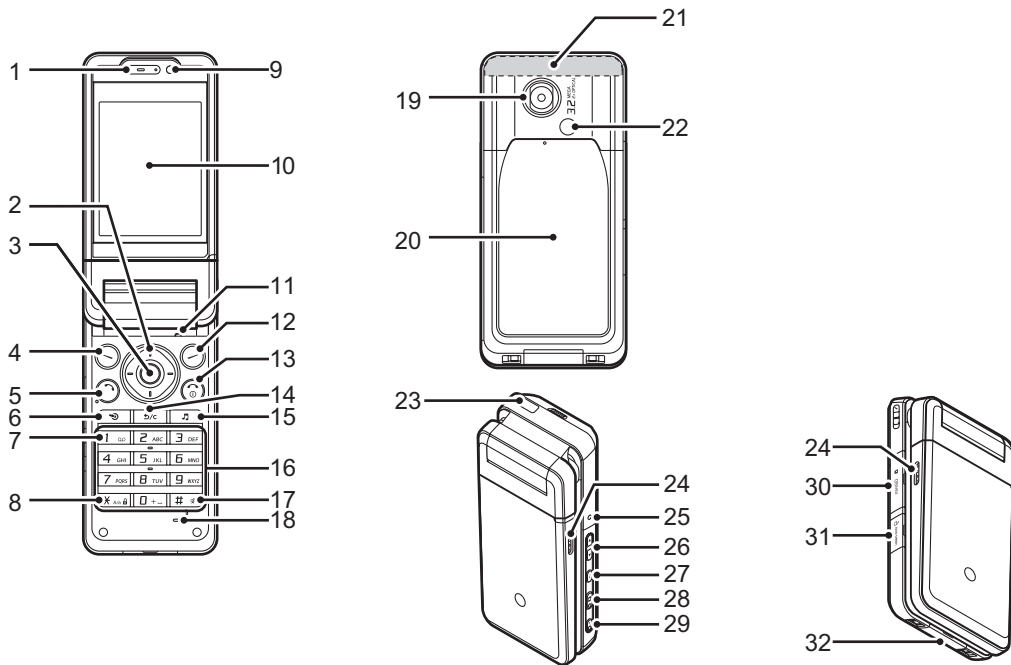
Date & Time	98	SAR	123
Language Setting	99	INFORMATION ON PROPER DISPOSAL	124
Call Settings	100	PRECAUTIONS FOR USE IN USA	125
Video Call Settings	104	Specifications and Optional Accessories	127
Security	105	Specifications	127
Master Reset	106	Optional Accessories	127
Call Log	107	Index	128
Call Timers	107	List of Menu Functions	130
Data Counter	107		
Call Costs	108		
Connectivity	109		
Bluetooth	109		
Infrared	111		
Network Settings	112		
Flight Mode	113		
Internet Settings	113		
Memory Card	114		
Connecting 903SH to Your PC	116		
System Requirements	116		
3G/GSM Modem	116		
Handset Manager	117		
Software Installation	117		
Note	117		
Troubleshooting	118		
Safety Precautions and Conditions of Use	120		
CONDITIONS OF USE	120		
ENVIRONMENT	123		
PRECAUTIONS CONCERNING VEHICLE USE	123		

Your Phone

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

- 3G (UMTS)/GSM 900/1800/1900/GPRS phone
- Lithium-Ion Battery
- Battery Cover
- AC Charger
- Stereo Handsfree
- User Guide
- Quick Start Guide
- CD-ROM
- miniSD Memory Card
- Video Cable

Getting Started



1. **Earpiece**
2. **Navigation Keys (Arrow Keys):**
 Moves cursor to highlight a menu item, etc.
 Up/Down arrow keys: Displays Contacts List entries in standby.
 Left arrow key: Displays the message inbox in standby.
 Right arrow key: Displays the monthly or weekly calendar in standby.
3. **Centre Key:**
 Displays Main menu in standby, and executes functions.
4. **Left Soft Key:**
 Executes the function in the lower left of the screen.
 Displays Messaging menu in standby.
5. **Send/Redial Key:**
 Makes or accepts calls, displays the call logs in standby.
6. **Shortcut Key:**
 Press to open the shortcut menu to access the desired applications.
7. **Voicemail Key:**
 Press and hold to connect to the Voicemail centre. (Depending on the SIM card.)
8. *** /Shift Key:**
 Switches character case between four modes: Abc, ABC, 123 and abc on the text entry screen.
 Press to enter P, ?, – or * in standby.
 Press and hold in standby to lock the keypad.
9. **Sub Camera (Internal Camera)**
10. **Main Display**
11. **Microphone (for the viewer position of the display)**
12. **Right Soft Key:**
 Executes the function in the lower right of the screen.
 Accesses "Vodafone live!" by opening the browser in standby.
13. **End/Power Key:**
 Ends a call and turns power on/off.
14. **Clear/Back Key:**
 Clears the characters before the cursor, returns to the previous screen, etc.
15. **Music Key:**
 Displays Music menu in standby.
16. **Keypad**

17. #/Silent Key:



Displays symbol screen on the text entry screen.
Press and hold to switch languages on the text entry screen.
Turns the flash/auxiliary light on or off in camera mode.
Press and hold in standby to switch Profiles settings between the mode most recently activated and Silent mode.

18. Microphone

19. Camera (External Camera)

20. Battery Cover

21. Built-in Aerial:

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

22. Mobile Light:

Used as a flash or an auxiliary light in camera mode.

23. Infrared Port:

Sends and receives data via infrared.

24. Stereo Speakers

25. Small Light:

Used as a battery charge indicator.

26. Side Keys (▲/▼):

(These two keys work in reverse with the viewer position of the display.)
Moves the highlight up or down.
Press in standby or during a call to increase or decrease the earpiece volume.

27. Menu Key:



Executes the function in the lower left of the screen.

28. Camera Key:



Displays the Main menu when pressed in standby, then executes a highlighted function.
Press and hold to activate the camera.
Press during an incoming call alert to answer the call.

29. Cancel Key:



Executes the function in the lower right of the screen.
Press and hold to reject an incoming call.
Press during an incoming call alert to send a busy tone to the caller.
Press to end the call.

30. Memory Card Slot Cover

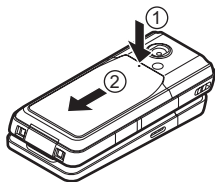
31. VIDEO OUT/Handsfree/Microphone Connector

32. External Connector:

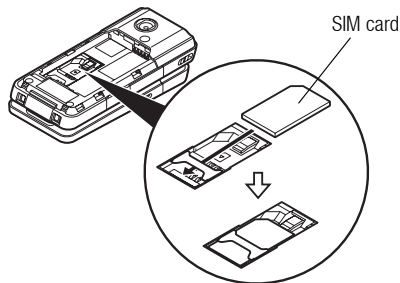
Used to connect either the charger or a USB data cable.

Inserting the SIM Card and the Battery

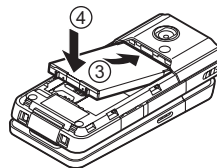
1. Slide off the battery cover (① ②).



2. Slide the SIM card into the SIM holder.



3. Hold the battery so that the metal contacts of the battery are facing down, slide the guides on the top of the battery into the battery slots (③), and then insert it (④).



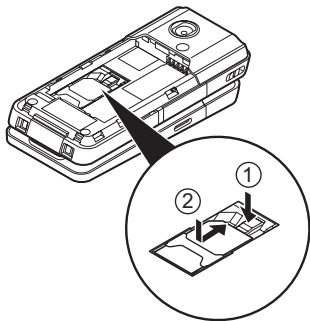
4. Replace the battery cover.

Note

- Make sure that only 3V SIM cards are used.
- Make sure that the standard accessory battery (XN-1BT70) is used.

Removing the SIM Card and the Battery

1. Ensure that the phone is turned off and that the charger and other accessories are disconnected. Slide off the battery cover.
2. Lift the battery using the protruding edge and remove the battery from the phone.
3. Hold ① down gently while sliding the SIM card out of the SIM holder (②).



Battery Disposal

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

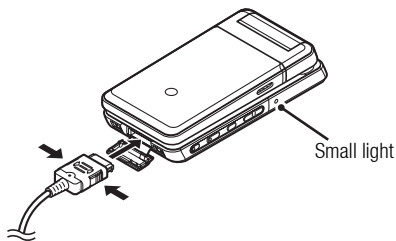
- Take the used battery to your local waste depot, dealer or customer service centre for recycling.
- Do not expose the used battery to a naked flame, immerse in water or dispose with the household waste.

Charging the Battery

You must charge the battery for at least 135 minutes before using your phone for the first time.

Using the Charger

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



The small light turns on.

Standard charging time: Approx. 135 minutes

Note

- *Charging time may vary depending on the state of the battery and other conditions. (See "Battery" on page 120.)*

To Disconnect the Charger

When charging is complete, the small light turns off.

1. Unplug the charger from the AC outlet, then unplug the charger connector from the phone.
2. 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 120 for details.*

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 display.

Low Battery during Use

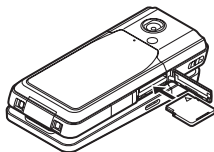
When the battery is running low, an alarm will sound and “” is displayed on the main display.

If you are using your phone and you hear the low battery alarm, attach your charger as soon as possible. The phone may not be able to continue normal operation if you continue to use it.

Battery Indicators	Charge Level
	Sufficiently charged
	Charging recommended
	Charging required
	Empty

Inserting the Memory Card

1. Turn off the phone.
2. Open the memory card slot cover and insert the card with the label side facing down.
3. Insert the memory card all the way in until it clicks.



4. Close the cover.

Note

- Make sure that the phone is turned off before inserting the memory card.
- Be sure to insert the card in the correct direction and orientation.
- Do not open the memory card cover while the memory card is being formatted or written to. The card may be damaged beyond use.
- Keep all memory cards out of the reach of small children.

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.



: Appears when the card is being written or read.



: Appears when the card is being formatted.

Removing the Memory Card

1. Open the memory card slot cover and slightly push the card so it pops out. Remove the card and close the cover.

Note

- Make sure that the phone is turned off before removing the memory card.
- Do not remove the memory card while the memory card is being formatted or written to.

Turning Your Phone On and Off

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

To Enter the PIN Code

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

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 card is locked. See “Enabling/Disabling the PIN Code” on page 105.
- If the clock settings have not been entered, the date and time entry screen is displayed (p. 98).

To Copy All Contacts List Entries from the SIM Card

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

“Contacts” → “Advanced” → “Copy All Entries”

1. Select “From SIM to Handset”.

Keypad Lock

You can lock the keypad to prevent it from being pressed accidentally.

Locking the Keypad

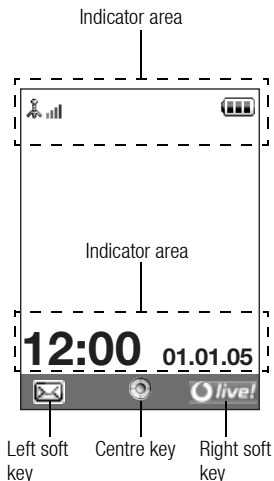
1. Press and hold  in standby.

To unlock, press and hold .

Tip

- Emergency numbers (112, etc.) can be entered and dialled regardless of the keypad lock.

Display Indicators



1. / : Strength of received signal/Service out of range

: 3G (UMTS)/GPRS

: GSM/GPRS

: Roaming outside network

2. : Flight mode
3. : Data exchange with external device
4. : Connection to the server [established/communicating]
5. : Memory card inserted
6. : Voice call [incoming/in progress]
7. : Video call communication mode enabled [voice and video/voice/video]
8. : "Voice Calls" diverts set to "Always"
9. : Secure WAP page displayed
10. : Alerts [text message and multimedia message/Email]
11. : Connection status
[USB cable/Infrared ON/Infrared exchanging information/*Bluetooth* wireless setting [enabled (in standby or except in standby)/exchanging information/talking with the *Bluetooth* headset]]
12. : Java™ application [executed (colour)/suspended (grey)]

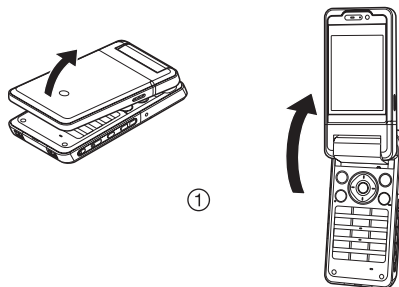
13. (No display)///// :
Current profile [Normal/Meeting/Activity/Car/
Headset/Silent]
14. //// :
Silent/vibration setting [silent/increasing volume/
vibration enabled/silent and vibration enabled/
increasing volume and vibration enabled]
15. // : Speaker mode [speaker phone/speaker activated/
microphone muted]
16.  : Battery level
17.  : Mobile light enabled
18.  : Daily alarm enabled
19. / : Schedule entry enabled [with/without reminder
alarm]
20.  : Outbox contains unsent messages [text message/
multimedia/Email]
21. // : WAP/OTA provisioning alerts [WAP alert/OTA
provisioning alert/WAP and OTA provisioning alerts]
22.  : Voicemail message alert
23.  : Connection status [1st Infrared communication
[enabled/exchanging information]]
24.  : Function Lock enabled
25.  : Keypad Lock enabled
26. /(blank): Infrared setting [enabled/disabled]

Opening Your Phone

Your phone can be opened in the following three positions: normal, self-portrait and viewer positions.

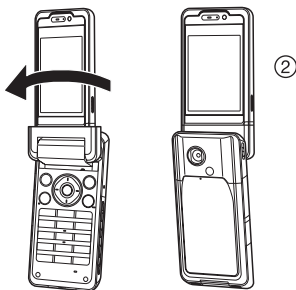
Normal Position (①)

1. Open the phone until the display stops as illustrated.



Self-portrait Position (②)

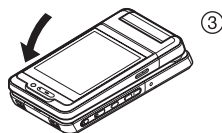
2. Turn the display 180° clockwise.



Use this position to take a self-portrait with the external camera.
Do not turn the display anticlockwise as this may damage it.

Viewer Position (③)

3. Close the main display toward the keypad.



Note

- Operations of  and  are reversed in the viewer position of the display.
- Keypad operations cannot be performed in the viewer position of the display.
- Be careful not to carry the phone in the viewer position of the display as this may damage the display.

Navigating Functions

Using in the Normal Position of the Display

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 *Exit*.

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:

“Contacts” → “Contacts List” → “Add New Contact”

Using in the Viewer Position of the Display

Available keys in viewer position of the display are ▲, ▼, ☺, ☹, ☺☹ and ☹☺.

To open the Main menu, press ☺☹ in standby.

To select a menu item (indicated in quotation marks), press ▲ or ▼, 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. The left soft key is ☺ and the right soft key is ☹.

The side keys function in camera mode as follows:

▲/▼:	Zoom-in/Zoom-out
☺:	Options
☺☹:	Capture
☹☺:	Switches between the photo camera and video camera modes.

Voice Call/Video Call Functions

Making a Voice Call

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

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

Emergency Calls

1. Enter 112 (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 card inserted, if a 3G (UMTS)/GSM network is within range.*

International Calls

1. Press and hold  until a + (international dialing 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 Contacts List

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

For details on creating a new entry, see “Add New Contact” on page 34.

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

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

Making a Call Using the Contacts List in the Viewer Position of the Display

1. Press .
2. Select “Contacts”.
3. Select “Contacts List”.
4. Select the entry you wish to call.
5. Select the phone number.
6. Select “Call” to dial.

To end a call, press .

Speed Dialling

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

For details on setting the speed dial list, see “Speed Dial List” on page 38.

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

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

Redialling

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

1. Press  in standby.
2. Select the category from “All Calls”, “Dialled Numbers”, “Missed Calls” or “Received Calls”.

To switch logs, press  or .

3. Highlight the phone number you wish to call.
4. Press  to redial the call.

Answering a Voice Call

When an incoming call is detected, the phone rings.

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

Or press any key except , ,  and [Busy] when the “Any Key Answer” function is enabled. Set the Any Key Answer function in the profile of each mode (p. 95).

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

Answering a Call in the Viewer Position of the Display

1. Press  or  to answer the call.

To end a call, press .

To reject the incoming call, press and hold .

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 volume, if connected) from 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.

Tip

- In the viewer position of the display, press  or  to display the in call menu.
- In the viewer position of the display, use  or  to increase or decrease the earpiece volume. Operations of these keys are reversed in the viewer position.

Turning the Speakers On and Off

You can talk via the loudspeakers on the sides of the phone when it is on.

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

Putting a Call on Hold

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

To Make Another Call during a Call

1. During a call, press [Options] and select “Hold”.
The current call is put on hold.
2. Press [Options] and select “Dial New Number”.
3. Enter the phone number you wish to make another call to, then press ☺.

Tip

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

Accessing SMS/MMS Menu during a Call

1. During a call, press [Options] and select “Messaging”.
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, see “SMS” and “MMS” on page 48.

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.

Note

- You need to set “Call Waiting” to “On” if you wish to use the Call Waiting service (p. 101).
- 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 “Multi Party”.
2. Select “Conference All” to join the conference call.
3. 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.*
- *You have more options for the Conference call in step 2:*
 - *To put all participants on hold, select “Hold All”.*
 - *To put all participants except the current call on hold, select “Private”.*
 - *To end the call with all participants, select “End Active Call(s)” or “End Held 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”.*

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 “Multi Party”.
4. Select “Conference All” to join the conference call.

If you wish to add other participants, repeat steps 1 to 4.

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 Active Call(s)” or “End Held Call(s)”.

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 “Multi Party”.
3. Select “Private”.
4. Once you have finished the private conversation, press [Options] and select “Multi Party”.
5. Select “Conference All” to return to the conference call.

Muting the Microphone

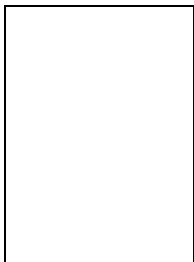
1. During a call, press [Mute].

To use the microphone again, press [Unmute].

Making a Video Call

Note

- Use this function with only the video call enabled phones.
- Make sure that the battery is fully charged and the signal is strong before using this function.
- Turn the loudspeakers on or use a switch–equipped earphone microphone or handsfree kit so that you can talk while looking at the video call screen on the main display.



Status Indicators

1. Sub screen for your image
2. Elapsed time (hour: minute: second)
3. Main screen for the calling party's screen
4. Calling party's name or phone number

Making a Video Call

1. Enter the area code and the phone number you wish to dial.
2. Press [Options] and select “Video Call” or press and hold  to dial.

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

When the line is connected, the image of the called party is displayed upper on the screen, and yours lower left.

Tip

- If the called party's phone is not video call enabled, you can press  and enter the phone number again to make a voice call.
- When the call ends, the last call cost is displayed.

Answering a Video Call

When an incoming call is detected, the phone rings.

1. Press  to answer the call with video or press [Options] and select “Hide Picture” to answer with voice only.

Tip

- When the call is ended, the call cost is displayed.
- 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 Contacts List, 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 Call)

Muting the Microphone

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

Swapping Images

You can swap images between the main and sub screens.

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

Changing the Image of Yourself

1. During a video call, press [Options] and select “Camera Picture”.
2. Select from “Internal Camera”, “External Camera” or “Alternative Image”.
“Internal Camera”: The image through the sub camera is displayed and sent to the party.

- “External Camera”: The image through the camera is displayed and sent to the party.
- “Alternative Image”: The camera is turned off and the image selected in “Alternative Image” of “Video Call Settings” is used.

Using the Optical Zoom Function

The optical zoom enables you to zoom the picture more clearly by the actual zooming action of the optical lens. The optical zoom is used up to the $\times 2$ zooming ratio. If the zoom exceeds $\times 2$, the digital zoom is used to further magnify.

1. During a video call, press [Options] and select “Enable Opt. Zoom”.
The image is magnified.

Turning the Speakers On and Off

You can talk via the loudspeakers on the sides of the phone when it is on.

1. During a video call, 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 Stereo Handsfree.
- With this option, there may be interruption if you increase the earpiece volume. We recommend that you decrease the earpiece volume or use the Stereo Handsfree.

Video Call Settings

To Change the Quality of the Incoming Image

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

1. During a video call, press [Options] and select "Video Call Settings".
2. Select "Incoming Picture Quality".
3. Select "Normal", "Quality Prior" or "Frame Rate Prior".

"Normal":	The standard quality is used.
"Quality Prior":	The quality of the picture takes precedence over the frame rate.
"Frame Rate Prior":	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 call, press [Options] and select "Video Call Settings".
2. Select "Backlight".
3. Select from "Always On", "Always Off" or "As Normal Setting".

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

When "As Normal Setting" is selected, the backlight will time out depending on the Backlight setting (p. 97).

To Adjust the Video Exposure

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

Entering Characters

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

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

Table of Characters

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

English Mode

Key	Upper Case Characters	Lower Case Characters	Numeric
[1 QW]	. (full-stop) , (comma) - (hyphen) ? ! ' (apostrophe) @ : 1		1
[2 ABC]	ABC2	abc2	2
[3 DEF]	DEF3	def3	3
[4 GHI]	GHI4	ghi4	4
[5 JKL]	JKL5	jkl5	5
[6 MNO]	MNO6	mno6	6
[7 PQRS]	PQRS7	pqrs7	7
[8 TUV]	TUV8	tuv8	8

Key	Upper Case Characters	Lower Case Characters	Numeric
[9 WXYZ]	WXYZ9	wxyz9	9
[0 +_]	(space) + = < > € £ \$ ¥ % & 0		0
[* A/a B/b]	Switches character case between four modes: Abc, ABC, 123 and abc.		
[# ¢]	. , ? ! : ; - + # * @ " () _ & € £ \$ % / ^ < > § = \ ¥ ^ i ^ [] { } º Å Å Æ å ä æ à Ç È É é ì Ñ ñ Ò Ó ô õ ö ß Ü ü ù Ì Δ Φ Γ Λ Ω Π Ψ Σ Θ Ξ (space) ↵		

[1 QW] - [9 WXYZ] : Press and hold to enter 0 - 9 numbers.

[0 +_] :

[* A/a B/b] :

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

[# ¢] :

Press and hold to display the Input Language 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 Mode

T9 Text Input

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

1. On the text entry screen, press and hold  to enter T9 mode.
2. Press [Options] and select “Input Mode”.
3. Select the input mode (Abc, ABC, abc, 123).
4. Press each key once for any letter you require on that key.
To enter the word “How”, press   .
5. If the word shown isn’t the one you want, press  or  until you highlight the correct one.
6. Press  to select the word.

Note

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

Tip

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

Symbols and Punctuation

1. On the text entry screen, press [Options] and select “Add Symbol”.
2. Select the desired symbol.

My Dictionary

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

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

Editing a Word in the List

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

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 70.

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”.

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 130.

Using the Menu in the Viewer Position of the Display

1. Set the phone in the viewer position of the display.
2. Press  to display the Main menu.
3. Press  or  to move the cursor up or down, then press  or .

Press  to return to the Main menu.

The cursor moves the same as in the normal position of the display by using  and .

For details on the functions of these keys, see page 10.

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  (10),  (11) or  (12). See “List of Menu Functions” on page 130.

Shortcuts are listed in the headings of this user guide.

Examples: To Access “Videos” Sub Menu (M 6–4) Using
Shortcut Keys

Press   .

To Access “Totals” Sub Menu (M 7–10–2) Using
Shortcut Keys

Press    .

To Access “Vibration” Sub Menu (M 12–3–4) Using
Shortcut Keys

Press    .

Note

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

Contacts List (M 8–1)

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

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

Items Saved in the Handset Memory

First Name	up to 16 characters
Last Name	up to 16 characters
Telephone Number	up to 3 phone numbers (up to 32 digits each)
Email Address	up to 3 Email addresses (up to 128 characters each)
Category	16 categories
Street & Number	up to 64 characters
City	up to 64 characters
State/Province	up to 64 characters
Postcode	up to 20 characters
Country	up to 32 characters
Note	up to 256 characters
Birthday	(date)
Picture	(file name)
Assign Tone/Video	(file name)
Secret	(On or Off)

Items Saved in the SIM Memory (depending on the SIM card)

Name	up to 16 characters
Telephone Number	up to 2 phone numbers (up to 32 digits each)
Email Address	1 Email address (up to 128 characters)
Category	up to 16 categories

Changing the Name Order (M 8–8–1)

“Contacts” → “Settings” → “Name Order”

1. Select “First–Last Name” or “Last–First Name”.

Changing the List Displayed (M 8–8–2)

“Contacts” → “Settings” → “Contacts Location”

1. Select “Handset” or “SIM”.

Selecting the Storage Memory (M 8–8–3)

“Contacts” → “Settings” → “Save New Contact to”

1. Select from “Handset”, “SIM” or “Choose before Saving”.

Tip

- *“Choose before Saving” prompts you to choose the memory every time you save a new entry.*

Sorting the Contacts List Entries (M 8–8–4)

You can change the listing order of the Contacts List entries between by alphabetical order or by different categories.

“Contacts” → “Settings” → “Sort Contacts”

1. Select “By Alphabet” or “By Category”.

Add New Contact

You can choose either the phone or SIM card memory locations to store the new entry. For switching locations, see “Selecting the Storage Memory” on page 33.

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

“Contacts” → “Contacts List” → “Add New Contact”

If you select the “Choose before Saving” 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 (“First Name”, “Last Name”, “Telephone Number” or “Email Address” for the handset memory; “Name”, “Telephone Number” or “Email Address” for the SIM memory).

Viewing My Contact Details (M 8–5)

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

“Contacts” → “My Contact Details”

Copying Contacts List Entries between SIM Card and Handset (M 8–9–1)

“Contacts” → “Manage Contacts” → “Copy All Entries”

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

Note

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

Finding a Name

“Contacts” → “Contacts List”

1. Enter the first few letters of the name.

Search results are displayed in alphabetical order.

Tip

- You can select the Contacts location from “Handset” or “SIM” before searching.

Dialling from the Contacts List

“Contacts” → “Contacts List”

1. Highlight the desired entry and press .

Tip

- If more than one phone number is registered for the entry, highlight the desired phone number after step 1 and press .
- You can also dial from the details screen of the Contacts List. On the details screen, select the desired phone number and press .

Editing Contacts List Entries

“Contacts” → “Contacts List”

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

“Contacts” → “Contacts List”

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.

Assigning a Ringtone or a Ring Video Clip to Each Entry

“Contacts” → “Contacts List”

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

Deleting Contacts List Entries

Deleting All Contact Entries (M 8–9–3)

“Contacts” → “Manage Contacts” → “Delete All Entries”

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

The default handset code is “9999”. For details on changing the handset code, see “Changing the Handset Code” on page 106.

Deleting a Contact Entry

“Contacts” → “Contacts List”

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

Manage Category (M 8–3)

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.

“Contacts” → “Manage Category”

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

For details on selecting a ringtone or a ring video clip, see “Assigning a Ringtone” on page 92 or “Assigning a Ring Video Clip File” on page 93.

Note

- You can only edit category names in the SIM card. You cannot edit the ringtone or ring video settings.

Editing the Category Name

You can edit category names to be assigned to the Contacts List entries. First, change the Contacts List displayed (p. 33).

“Contacts” → “Manage Category”

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

Contact Groups (M 8–6)

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

Creating a New Mailing List

“Contacts” → “Contact Groups” → “Add New Group”

1. Enter the group name.

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

Adding Recipients to a Group

Up to 20 recipients can be registered in each list.

“Contacts” → “Contact 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. Press [Options] and select “Re-assign Entry” in step 2.
- To remove an entry from the group, press [Options] and select “Remove Entry” in step 2.
- To remove a group, highlight a group name and press [Options] and then select “Delete” in step 1.

Sending a Message Using a Mailing List

“Contacts” → “Contact Groups”

1. Highlight the desired group name.
2. Press [Options] and select “Create Message”.
3. Select the desired type of messaging.

For further procedures, see “Creating a New Message” on page 49.

Memory Status (M 8–9–2)

This function helps you to check the memory used in the Contacts List.

“Contacts” → “Manage Contacts” → “Memory Status”

Speed Dial List

You can set a maximum of 8 phone numbers in the Speed Dial list (p. 21).

Setting Contacts List Entries in the Speed Dial List

“Contacts” → “Contacts List”

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

Tip

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

To Edit the Speed Dial List (M 8–4)

“Contacts” → “Speed Dial List”

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

Sending a Contacts List Entry

“Contacts” → “Contacts List”

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

For “As Message”

For details, see “MMS” on page 48.

For “Via Bluetooth”

For details, see “Bluetooth” on page 109.

For “Via Infrared”

For details, see “Infrared” on page 111.

Receiving a Contacts List Entry

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

1. Press [Yes].

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

Tip

- *For details on entering Infrared or Bluetooth wireless settings, see “Connectivity” on page 109.*

Sending a Voice Clip Message or Video Clip Message Using an Address from the Contacts List

“Contacts” → “Contacts List”

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

For further procedures, see “Creating a New Message” on page 49.

Synchronising Contacts List Entries with those on the Internet (M 8–7)

The data synchronisation function is a network service and allows you to save your Contacts List entries in the handset memory on the Internet server. The data in the SIM card will not be saved. Subscribe to a synchronisation service by contacting your network service centre.

Synchronising the Contacts List (M 8–7–1)

“Contacts” → “Synchronise”

1. Select “Sync Now!” to synchronise data.

Note

- “Sync Now!” is not available if there is no active Synchronisation Setting.

Synchronisation Settings (M 8–7–3)

“Contacts” → “Synchronise” → “Sync Settings”

1. Select the desired account or “Create New” to enter the following settings.

“Profile Name”:	Synchronisation profile name (Unique name)
“Server Name”:	Server address
“User ID”:	User ID for authentication
“Password”:	Password for authentication
“Proxy”:	Selects Proxy setting for synchronisation.
“Contacts DB Name”:	Contacts List database name on the server

Note

- In normal operations, you do not need to change the settings.
- Synchronisation 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.

Camera (M 5)

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

Taking Pictures

“Camera”

1. Press  to take the picture.

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

2. Press [Save].

The taken picture is saved in My Items.

To cancel, press [Cancel].

To send the taken picture, press  in step 2 and select “As Message” or “As Postcard” from the send option. (The Postcard service is not available with some service providers. Contact your service provider for more information.)

Note

- Press  instead of  in the viewer position of the display.
- When the video camera is launched, press [Options] and select “Go to Photo Camera”, or press  or  (in the viewer position of the display).
- When you try to send the picture that has too large a file size, the picture size is resized for the message. The original sized picture is saved in My Items.

Taking a Self-Portrait

You can take a self-portrait while looking at the main display.

“Camera”

1. Press [Options] and select “Switch to Int. Camera”.

Or press  in the viewfinder mode.

2. Press  to take the picture.

3. Press [Save].

The taken picture is saved in My Items.

To return to the external camera, press [Options] and select “Switch to Ext. Camera” or press  in the viewfinder mode.

To take a picture in the Self-Portrait position

You can take a self-portrait with the external camera.

1. Rotate the main display 180° clockwise from the normal position.
2. Press  on the side of the phone.

Note

- Do not rotate the main display anti-clockwise. Otherwise, the phone may malfunction.

Exiting from the Camera Mode in the Viewer Position of the Display

1. Press and hold  in the viewer position.

Recording Video Clips

You can record a video clip with your phone. You can also use this function in the viewer position of the display.

Recording Video Clips

“Camera”

The preview is displayed on the screen.

1. Press .

Press  in the viewer position of the display.

2. To stop recording, press .

3. Select “Save”.

The video clip is saved in My Items.

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

To send the video clip, select “Save and Send”. Then select the desired way you wish to send. For further procedures, see “Creating a New Message” on page 49.

Note

- You can only send video clips when “For Message” is selected for the recording time. For details, see “Selecting the Recording Time” on page 46.

Common Options Menu Indicators (viewer positions of the display)

On-screen indicators are provided for various camera mode settings.

1. Press .

The Options menu is displayed graphically as shown.



2. Press  or  to highlight the desired option and then press  to make the selection.

Common Functions in the Photo and Video Camera Modes

Using the Digital Zoom Function

To Adjust the Zooming Ratio

1. In the viewfinder mode, press  or .

To Enable the Optical Zoom

The optical zoom enables you to zoom the picture more clearly by the actual zooming action of the optical lens. The optical zoom is used up to the [×2] zooming ratio. If the zoom exceeds [×2], the digital zoom is used to further magnify.

“Camera” → [Options] → “Settings” → “Optical Zoom”

1. Select “Enable”.

Select “Disable” to disable.

If you select “Disable”, you can only use the digital zoom function.

2. Press  or .

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

Adjusting the Exposure

“Camera” → [Options] → “Exposure”

1. Press  (Bright) or  (Dark).

   : (Bright → Normal → Dark)

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

Mobile Light

To Change the Mobile Light Mode

Set the mobile light according to your purpose.

“Camera” → [Options] → “Modes” → “Mobile Light” → “Switch On/Off”

1. Select the desired mode.

“On” (): The light is always on.

“Automatic” (): 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.

To Change the Light Colour

You can take a picture in various colour modes.

“Camera” → [Options] → “Modes” → “Mobile Light” → “Light Colour”

1. Select the desired light colour.

Light Colours: White/Red/Yellow/Green/Blue/Violet/Light Blue

Using the Self-Timer

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

1. Select “On” or “Off”.

 is displayed on the screen when you select “On”.

Switching between the Photo and Video Camera Modes

You can switch between the camera and video camera modes by pressing  or , or  (in the viewer position of the display).

Select the appropriate option.

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

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

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 file size is needed.

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 “Choose bef. Saving”.

Note

- If you select “Choose bef. Saving”, select the desired location every time you save.

Focus Setting

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

1. Select the desired option.

AF: Auto Focus

MF: Manual Focus

: Macro

Auto Save

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

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

1. Select “On” or “Off”.

Auto Start

You can set the phone to start the camera application automatically by switching to the viewer position of the display.

“Camera” → [Options] → “Settings” → “Auto Start”

1. Select “On” or “Off”.

Using the Help Function

“Camera” → [Options] → “Help”

Common Shortcut Keys

If multiple options exist, they switch each time you press each following key.

	Photo Camera	Video Camera
1	Zoom Max/Min	
2	Exposure	
3	Focus	
4	Save New Pictures	Save New Videos
5	Picture Size	
6	Scene	Microphone On/Off
7	Picture Quality	Video Quality
8	Self-timer On/Off	
9	Change Light Colour (when light is on)	
	Change External Camera/Internal Camera	
0	Switches Viewfinder	Switches Screen
#	Light On/Off	

Note

- The “Switches Screen” option is available in “Preview” before you save a video clip. See “Recording Video Clips” on page 41.

Functions in the Photo Camera Mode

Selecting the Picture Size

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

“Camera” → [Options] → “Picture Size”

1. Select the desired size.

(External Camera)	1536 × 2048 dots/1200 × 1600 dots/ 960 × 1280 dots/768 × 1024 dots/ 480 × 640 dots/240 × 320 dots/ 120 × 160 dots
(Internal Camera)	240 × 320 dots/120 × 160 dots

Selecting the Scene

You can select the appropriate mode by scene when you take the picture.

“Camera” → [Options] → “Modes” → “Scene”

1. Select the desired scene.

The following eight modes are available:

- “Automatic” (A): Automatically adjusted to surroundings
- “Night” (🌙): Suited for night photography
- “Sports” (🏃): Suited for moving objects
- “Characters” (👤): Suited for high-contrast subjects such as text
- “Pet” (🐾): Suited for moving objects at short range.
- “Against Sun” (☀️): Suited to avoid objects being silhouetted against the light.
- “Portrait” (👤): Suited for a portrait.
- “Portrait in Dark” (👤): Suited for a portrait indoors or in dim light.

Selecting the Picture Effects

You can take a picture with special effects.

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

1. Select the desired effects.

The following five modes are available:

- “Off”: The camera effect is cancelled.
- “Sepia”: Creates a sepia-tone image.
- “Monochrome”: Creates a black and white image.
- “Negative”: Creates a negative image.
- “Sketch”: Creates a sketch-like image with contours of objects outlined.

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 five types of speed or “Manual”.
- “Bracket” (📷): Takes 9 continuous pictures with various colours and brightness levels. After selecting this mode, press  then select “Fast” or “Normal”.
- “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  or  (in the viewer position of the display) manually in the desired speed.
- When the Timer and Continuous Shoot functions are simultaneously set, “” (for “4 Pictures”, for example) is displayed instead.
- “9 Pictures” and “Overlapped” are not available for picture sizes larger than 240×320 .

Selecting a Frame

You can select the frame from preset patterns or My Pictures.

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

1. Select “Preset Frames” or “My Pictures”.

2. Select the desired frame.

The selected frame is confirmed on the display.

3. Press .

Note

- Images larger than 240 dots [W] $\times$ 320 dots [H] cannot be used.

Using the Full Screen

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

“Camera” → [Options] → “Settings”

1. Select “Full Viewfinder”.

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

Selecting the Shutter Sound

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

1. Select the desired shutter sound from 3 preset patterns.

Note

- Continuous Shoot uses the specialised shutter sound that cannot be changed from the above settings.
- The shutter sound remains active even when “Volume” (p. 92) is set to “Silent” to prevent unauthorised use.

Functions in the Video Camera Mode

Selecting the Recording Time

“Camera” → [Options] → “Record Time”

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

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

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

2. Select “Large(QCIF)” or “Small(SubQCIF)” picture size for “For Message” and “QVGA(3gp)”, “QVGA(asf)”, “Large(QCIF)” or “Small(SubQCIF)” picture size for “Extended Video”.

Note

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

Recording Video Clips with the Sound

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

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

1. Select “On” or “Off”.

Note

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

Video Encoding

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

1. Select the appropriate format.

Messaging (M 4)

Your phone allows you to send and receive text, multimedia and Email, and receive WAP alerts as well.

SMS

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

MMS

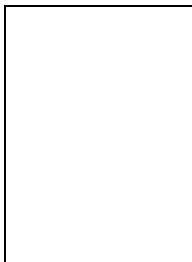
MMS allows you to send and receive multimedia messages of up to 300 KB with images, sound, or video clips attached.

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 settings by the service provider.*



1. Recipient field
2. Message field
3. Send indicator
4. Attachment indicators (from left: picture, sound, video clip, others)

Creating a New Message (M 4–1)

(SMS/MMS)

☰ → **“Create Message”** → **“Message”**

(Email)

☰ → **“Create Message”** → **“Email”**

1. Select the address field.
2. Enter or select the phone number from the Contacts List.

(MMS)

Enter or select the Email address or phone number from the Contacts List.

(Email)

Enter or select the Email address from the Contacts List.

- To add multiple Email addresses or phone numbers, highlight the recipient field, press [Options], select “Edit Recipients”, then select “Add Contact”. Enter or select the Email address or phone number from the existing Contacts List.
 - To change the recipient types, 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, press [Options] and select “Add Subject”.
3. Highlight the message field.
 4. Enter the message and press .
 5. Highlight the “Send” indicator in the lower left of the screen. Press  and select “Send Message”.
After the message is sent, the message is moved to the Sent Messages box.

Tip

- To send the same message to a group of recipients, select “Select Group” in step 2, then select the desired group name. For details on creating a mailing list, see “Creating a New Mailing List” on page 37.

To Add a Slide Show

1. In step 4 in “Creating a New Message”, press [Options] and select “Add Slide”.
If you wish to add more slides, select “Add Slide Before” or “Add Slide After”.
2. Enter the message.
If you wish to set the duration of each slide, press [Options] and select “Slide Duration”, then select the desired duration.

Tip

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

To Remove or Replace Attachments

1. In step 4 in “Creating a New Message”, press [Options] and select the corresponding remove option for each attachment.

To Attach My Items Data

1. In step 4 in “Creating a New Message” on page 49, highlight the “Picture”, “Sound” or “Video” indicator in the lower centre of the screen, and then press .
2. Select “Saved Pictures”, “Saved Sounds” or “Saved Videos”.
3. Select the desired file.

If you wish to take new pictures, record sounds or video clips, select “Take Picture”, “Record Voice” or “Record Video”.

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

To Attach a Contacts List Entry

1. In step 4 in “Creating a New Message” on page 49, highlight the “Options” indicator in the lower right of the screen. Press  and select “Attach Contact”.
2. Select the desired entry.

If you wish to select your own Contacts List entry, select “My Contact Details”.

3. Select the desired field.
The selected information is entered.

To Attach a Schedule Entry

1. In step 4 in “Creating a New Message” on page 49, highlight the “Options” indicator in the lower right of the screen. Press  and select “Attach Appointment”.
2. Select the desired day including a schedule entry you wish to add.
3. Select the desired schedule entry.

Using the Sending Options

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

1. Highlight the “Send” indicator in the lower left of the screen, then press  and select “Message Settings”.
 - “Read Report” (“On”, “Off”) (MMS): Confirms whether or not a report is sent notifying the sender that the message has been read.
 - “Delivery Report” (“On”, “Off”) (SMS/MMS): Enables or disables Delivery Report when the message is successfully sent to the recipient.
 - “Expiry Time” (“Maximum”, “30 minutes”, “1 hour”, “6 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.
 - “Delivery Time” (“No delay”, “30 minutes”, “1 hour”, “6 hours”, “1 day”, “1 week”) (SMS/MMS): Sets the time the message is delivered after the Send key is pressed.
2. Highlight the “Send” indicator in the lower left of the screen. Press  and select “Send Message”.

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

Note

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

Tip

- To save the message without sending, press [Options] and select “Save to Drafts” in step 4 in “Creating a New Message” on page 49.
- You can send the following items attached to multimedia messages. Details are given in the following sections.
 - My Items data
 - Contacts List entry
 - File (Schedule entry created by Calendar, Contacts List entry), etc.
- You can use the template option to help you compose messages. For details on using this option, see “Using Templates” on page 30.

Sending a Message in the Drafts Box (M 4–3)

⏮ → “Drafts”

1. Select the desired tab, SMS/MMS or Email.
2. Press [Options] and select “Edit & Send”.
3. Modify the message, if necessary.
4. Highlight the “Send” indicator in the lower left of the screen. Press  and select “Send Message”.

Sending a Voice Clip Message or Video Clip Message (M 4–1–2) (M 4–1–3)

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

Select the appropriate option.

⏮ → “Create Message” → “Voice Message”

⏮ → “Create Message” → “Video Message”

1. Press  to start recording.
2. Press  to stop recording.
3. Select “Accept” to attach to the new message.

The file is saved in the corresponding folder in My Items.

For further procedures, see “Creating a New Message” on page 49.

Reading MMS

Messages you receive are saved in the Inbox.

⏮ → “Inbox”

1. Select the message you wish to view.

Storing the Phone Number of a Sender in the Contacts List

☰ → **"Inbox"**

1. Highlight the message from which you wish to store the phone number or Email address.
2. Press [Options] and select "Save Address".

The new Contacts List entry screen including the phone number is displayed. For details on creating a new Contacts List entry, see "Add New Contact" on page 34.

Calling the Phone Number of a Sender Embedded in the Message

☰ → **"Inbox"**

1. Highlight the message including the phone number you wish to dial.
2. Press [Options] and select "Call Sender".

Downloading a Single MMS

☰ → **"Inbox"**

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

Tip

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

Downloading Multiple MMS

☰ → **"Inbox"**

1. Press [Options] and select "Advanced".
2. Select "Multiple Select".
3. Select the desired message alert, press [Options] and select "Select" or "Select All".
4. Press [Options] and select "Download".

The selected messages are downloaded at the same time.

Replying to a Message or to All Addresses

☰ → **"Inbox"**

1. Highlight the message the sender of which you wish to reply to.
2. Press [Options] and select "Reply" or "Reply all".
3. Select "Reply" or "Reply with History".
4. Enter the message.
5. Highlight the "Send" indicator in the lower left of the screen. Press  and select "Send Message".

Forwarding a Message

☰ → **"Inbox"**

1. Highlight the message you wish to forward.
2. Press [Options] and select "Forward".
3. Perform steps 1 to 5 in "Creating a New Message" on page 49.

Remote Forward

You can transfer your Email messages saved in the mail server directly to other recipients.

☰ → **"Inbox"**

1. Highlight the message alert (✉) you wish to transfer.
2. Press [Options] and select "Forward".
3. Perform steps 1 to 5 in "Creating a New Message" on page 49.

Sorting the Messages in the List

☰ → **"Inbox"**

1. Press [Options] and select "Advanced".
2. Select "Sort".
3. Select the desired sort type.

Locking or Unlocking the Messages

☰ → **"Inbox"**

1. Highlight the message you wish to lock or unlock.
2. Press [Options] and select "Advanced".
3. Select "Lock" or "Unlock".

Sending a Picture File with Postcard (M 4-1-4)

Your phone allows you to send multimedia messages to a Vodafone specific Postcard service centre that prints the picture and mails it to the recipient's home address specified in the MMS message. (Your phone is initially provided with the address of a Vodafone specific Postcard service centre, and its address cannot be changed.)

Note

- *This service is not available with some service providers. Please contact your service provider for more information.*

To Create a New Postcard

See the note on page 131 for menu indications.

☰ → **“Create Message”** → **“Postcard”** → **“Saved Pictures”**

1. Select a picture you wish to send.

If you wish to take new pictures, select “Take Picture”.

If the file size of selected JPEG format pictures or taken pictures is too large to send, resize the picture and try again.

2. Enter your message.

You can enter messages of up to 200 bytes.

3. Enter or select the recipient.

See the note below for details.

- “Name” (mandatory):
Name of the recipient for a postcard up to 50 bytes
- “Additional Info” (optional):
Additional information of the recipient up to 50 bytes
- “Street & Number” (mandatory):
Street and number up to 50 bytes
- “City” (mandatory):
City up to 50 bytes
- “Post Code” (optional):
Postal code up to 20 bytes
- “State/Province” (optional):
State, province, and region up to 50 bytes
- “Country” (optional):
Country up to 20 bytes

4. Press [Options] and select “Send Postcard”.

Note

- The items “Name”, “Street & Number” and “City” are necessary to complete sending Postcards.
- The items displayed differ according to the service. Please contact your service provider for more information. The item “Country” may not be displayed, so you cannot send Postcards overseas from your phone.
- Asterisks entered in the message or the address become invalid when the message is sent, and spaces cannot be entered in the Post Code.
- Files in Animation GIF format cannot be used for the Postcard service.
- The picture quality of Postcards varies depending on the picture size.

Messaging Settings (M 4–9)

General Settings (M 4–9–1)

☰ → **“Messaging Settings”** → **“General Settings”**

1. Select the item you wish to set up.

- **“Home Download”:**
Controls message download timing inside your network area.
“Always Download”: Downloads messages immediately from the server.
“Always Defer”: Defers message download.
- **“Roam. Download”:**
Controls 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.
- **“Read Report”:**
Enables or disables Read Report request.

- **“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.
- **“Delivery Rep. Allow”:**
Confirms whether or not a report is sent notifying the sender when you receive an MMS/SMS.
- **“Read Report Allow”:**
Enables or disables Read Report Allow when the recipient is required to inform the sender that the message has been read.
- **“Edit Signature”:**
Opens the screen to enter the signature.
- **“Auto Delete”:**
Deletes the oldest message automatically, when the Inbox, Sent Messages or both (Inbox and Sent Messages) is full.
- **“Automatic Resend”:**
Tries to resend the failed SMS/MMS message up to two times (“On” or “Off” selection).
- **“Message List View”:**
Switches the mailbox listing between “One-line View” and “Two-line View”.

SMS Settings (M 4–9–2)

☰ → **“Messaging Settings”** → **“SMS Settings”**

1. Select the item you wish to set up.

- **“Message Centre”:**
Enter the message centre number.
If you wish to enter a country code for a message to an international number, press and hold **[0+]** until a + sign is displayed.
- **“Message Format”:**
Select the message format to be used when creating a new message.
- **“Reply Path”:**
Accepts or rejects the same reply path with the send path when receiving the reply message for your message.
- **“Optimisation”:**
When set **“On”** (default), double-byte characters such as European characters with an accent are converted into single-byte characters and sent.
When **“Off”**, double-byte characters are sent as displayed.
Please note that you may be charged double for double-byte characters sent in an SMS when Optimisation is set **“Off”**.

MMS Settings (M 4–9–3)

☰ → **“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
- **“Slide Duration”:**
Sets the duration of the slide.
- **“Max Message Size”:**
Sets the maximum message size for sending and disables sending MMS messages exceeding that size.
- **“Creation Mode”:**
When set to **“Free”**, you can attach files of any format to the mail. When set to **“Restricted”**, only certain formats can be attached.

Email Settings (M 4–9–4)

☰ → ***“Messaging Settings”*** → ***“Email Settings”***

1. Select the item you wish to set up.

- **“Email Accounts”:**
Select the desired account or select “Create New” to enter the following settings.
 - “Account Name”: Email account name (Unique name)
 - “POP3”: Server name, user ID, password and port number for POP3 server
 - “SMTP Server”: Server name, user ID, password, port number for SMTP server and SMTP Authentication
 - “Access Point”: Access point for Email
 - “Email Address”: Email address
- **“Download Interval”:**
Sets the download interval.
- **“Max Message Size”:**
Sets the maximum message size for sending and disables sending Email messages exceeding that size.

Cell Broadcasts (M 4–9–5)

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.

To Enable/Disable Cell Broadcasts

☰ → ***“Messaging Settings”*** → ***“Cell Broadcasts”*** → ***“Switch On/Off”***

1. Select “On” or “Off”.

To Read Cell Broadcast Messages

☰ → ***“Messaging Settings”*** → ***“Cell Broadcasts”*** → ***“Read Messages”***

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

To Set Languages for Cell Broadcast Messages

☰ → **"Messaging Settings"** → **"Cell Broadcasts"** → **"Settings"** → **"Language"**

The current language is displayed.

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

To Subscribe to Cell Broadcasts

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

☰ → **"Messaging Settings"** → **"Cell Broadcasts"** → **"Settings"** → **"Set Info Subjects"** → [Options]

1. Select "Add/Remove".
2. Select the desired page.
3. Press [Back].

Tip

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

Area Info (M 4–9–6)

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.

To Enable/Disable Area Info

☰ → **"Messaging Settings"** → **"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.

Vodafone live! (M 2)

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



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

Because your phone uses 3G (UMTS), it has a system that is much faster than previous ways of getting mobile information. Also, the connection is 'always on' which means there is no need to wait for dialling up. You only have to pay for the data you send or receive, not how long you're connected.

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

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

Main Menu

"Vodafone live!" → "Vodafone live!"

The Vodafone live! service page is displayed.

"Vodafone live!" → "Enter URL"

The URL entry screen is displayed, allowing you to jump to a site.

"Vodafone live!" → "Bookmarks"

See page 60.

"Vodafone live!" → "Alert Inbox"

WAP Push alerts are displayed.

"Vodafone live!" → "My Saved Page"

The saved screenshots are displayed.

"Vodafone live!" → "History"

The history of pages you have recently browsed is displayed.

Navigating a WAP Page

- 

Move the highlights around in the screen.

- : Executes the option displayed in the lower centre of the screen.
- : Launches the browser option menu.
- : Selects an action displayed in the lower right of the screen.
Used to access "Vodafone live!" by opening the browser.
-  (short press): Exits the browser.
(press and hold): Turns off the phone.

Editing Bookmarks (M 2–3)

"Vodafone live!" → "Bookmarks"

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

You can edit the list of Bookmarks by the following options:

- "Open": Selects a bookmark.
- "Details": Displays detailed information of the WAP page.
- "Send Page": Sends the URL address to recipients.
- "New": Creates new folders or bookmarks.
- "Rename": Renames bookmarks.

"Edit URL":

Edits URL address of the bookmark.

"Move":

Moves bookmarks to another location.

"Delete":

Deletes bookmarks.

"Delete All":

Deletes all bookmarks.

Browser Settings (M 2–7)

"Vodafone live!" → "Browser Settings"

"Font Size":

Sets the size of the browsing font.

"Scroll Step":

Sets the speed of scrolling.

"Send Referrer":

Enables or disables the notification of the referrer.

"Cookies":

Adjusts the setting of cookies.

"Downloads":

Categorises downloading data from the images/sounds/objects.

"Security":

Adjusts the security prompt level.

"WAP Push":

Sets whether you need confirmation for push message.

"Download to":

Sets the download location.

The Browser Options

You can use various options of the WAP browser.

☉ → **[Options]**

"Select":	Selects a WAP page.
"Home":	Goes to the homepage.
"Bookmarks":	See page 60.
"Mark Page":	Marks the selected WAP page.
"Save This Link":	Downloads the linked WAP page data.
"Save Items":	Saves items from WAP pages.
"Go to URL":	Goes to the WAP page that you enter the URL address of.
"Access History":	Shows the history where you have browsed.
"Forward":	Goes to the next page of the pages displayed.
"Reload Page":	Reloads the WAP page again to get new information.
"Advanced":	Displays the advanced menus.
"Exit":	Exits the browser.

The Advanced Options

☉ → **[Options]** → **"Advanced"**

"My Saved Page":	The saved screenshots are displayed.
"Save This Page":	Saves the WAP page as the local file.
"Send Page":	Sends the WAP page data.
"Details":	Shows detailed information of the WAP page.
"Browser Data":	Edits the browser data. You can clear the cache/cookies/history.
"Search This Page":	Searches specific words in the WAP page.
"Alert Inbox":	Displays WAP Push alerts.
"Copy Text":	Copies the text on the web page.
"Settings":	Displays the Settings menus.
"Restart Browser":	Restarts the browser.
"About":	Displays the browser information.

Music (M 3)

Music Player

Music Player can play MP3, AAC and AAC+ format sound files. While playing back sound files in the background, you can use other menus.

Playing Back Sound Files

“Music” → “My Music”

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

To pause playback, press .

To stop playback press [Back].

Note

- You are asked whether or not to play sounds when the Silent mode is activated.
- To play the last played file, select “Last Played Music”. “Currently Playing” is displayed when the file is being played back.

Tip

- You can return to the Main menu screen while playing back the file in the background.
- You can create your playlist by listing only the desired files (p. 63).

- You can make tone adjustment in step 2. Press [Options] and select “Tone Control”. Select from “Normal”, “Bass”, “Surround” or “Surround Bass”.
- You can select the playback pattern in step 2. Press [Options] and select “Playback Pattern”.
 - “Normal”: Plays back all files in the selected folder once and stops playback.
 - “Repeat”: Continues playback in the selected folder.
 - “Repeat All”: Plays back all files in the selected folder.
 - “Random”: Plays back files in the selected folder at random.
- You can control the Music Player by using the following keys:
 -  : Increases or decreases the volume.
 -  (press and hold): Mutes.
 -  : Jumps to the next file.
 -  : Returns to the top portion of the current file.
 -  (press and hold): Fast—forwards.
 -  (press and hold): Rewinds.
 -  : Plays back the file in the background.

Searching a File to Be Played Back

“Music” → “My Music”

1. Select “All Music” or the desired playlist.
2. Press [Options] and select “Search”.
3. Enter the first few letters of the title.
Search results are displayed in alphabetical order and the matching file is highlighted.

Adding a File to the Playlist

You can create a playlist registering desired files.

“Music” → “My 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 “Adding a New Playlist”.
3. Select the desired folder.
4. Press .
The file highlighted in step 1 is saved.
To delete files from the playlist, highlight the file and press [Options]. Then select “Delete from Playlist”.

Adding a New Playlist

“Music” → “My Music”

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

Note

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

Downloading the Music Files (M 3–3)

“Music” → “Download Music”

The music file download site is displayed.

For details, see “Downloading Sound Files” on page 65.

Note

- This service is not available with some service providers. Please contact your service provider for more information.

My Items (M 6)

My Items contains several types of picture, sound and video clip data. Also included in My Items are frequently used text message phrases and accessed WAP pages (addresses) which you can use ("Bookmarks" and "My Saved Page" are not included in My Items). You can also transmit picture, sound and video clip data via infrared or *Bluetooth* wireless technology to OBEX-enabled phones.

Pictures (M 6–1)

Pictures that are taken by a digital camera or images that are downloaded from mobile Internet sites can be managed. You can register pictures in the following formats: JPEG, PNG, WBMP and GIF.

Viewing Pictures

"My Items" → "Pictures"

1. Select the file you wish to view.

The selected picture is displayed.

To display the list from the memory card, press .

To go back to the handset memory, press .

Using Images as Wallpaper

"My Items" → "Pictures"

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

Saving an Image to Contacts List Entries

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

"My Items" → "Pictures"

1. Highlight the file you wish to add to Contacts List.
2. Press [Options] and select "Add to Contact".

To overwrite, select the data you wish to save.

To save as a new entry, select "As New Contact".

For details on entering a name, see "Add New Contact" on page 34.

Editing Pictures

"My Items" → "Pictures"

1. Highlight the file you wish to edit.
2. Press [Options] and select "Picture Editor".
3. Select the desired option.

Note

- "Picture Editor" may not be available depending on the original picture and copyright issued.

Adjusting the Size

You can adjust the picture to an appropriate size depending on the scene.

“My Items” → “Pictures”

1. Highlight the file you wish to adjust the size of.
2. Press [Options] and select “Resize”.
3. Select the desired option.

Note

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

Tip

- For other option menus, see “Common Option Menus” on page 67.

Downloading Picture Files

“My Items” → “Pictures” → “Get new”

The picture file download site is displayed.

Sounds & Ringtones (M 6–2)

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

Playing Back Sound Files

“My Items” → “Sounds & Ringtones”

1. Select the file you wish to play back.

To stop playback, press .

Note

- Playback may not be available for some sound files.

Using the Sound Files as a Ringtone

“My Items” → “Sounds & Ringtones”

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

Note

- AMR format music files cannot be used for ringtones.

Tip

- For other option menus, see “Common Option Menus” on page 67.

Downloading Sound Files

“My Items” → “Sounds & Ringtones” → “Get new”

The sound file download site is displayed.

Videos (M 6–4)

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

Playing Back Video Clip Files

“My Items” → “Videos”

1. Select the file you wish to play back.

2. Press .

To pause playback, press .

To resume, press  again.

To stop playback, press [Back].

To display the list from the memory card, press .

To go back to the handset memory, press .

Using a Video Clip as a Ring Video

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

“My Items” → “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 67.

Downloading Video Clip Files

“My Items” → “Videos” → “Get new”

The video clip file download site is displayed.

Other Documents (M 6–6)

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

Opening the Document File

“My Items” → “Other Documents”

1. Select the desired file.

Tip

- For other option menus, see “Common Option Menus” on page 67.

Common Option Menus

Activating Files with Copyright Protection (DRM)

Some pictures, sound files, and video clips 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 .

Select the appropriate option.

“My Items” → **“Pictures”**

“My Items” → **“Sounds & Ringtones”**

“My Items” → **“Videos”**

“My Items” → **“Other Documents”**

1. Highlight the file you wish to activate.
2. Press [Options] and select “Activate”.

Note

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

Sending My Items Data

Select the appropriate option.

“My Items” → **“Pictures”**

“My Items” → **“Sounds & Ringtones”**

“My Items” → **“Videos”**

“My Items” → **“Other Documents”**

1. Highlight the desired file.
2. Press [Options] and select “Send”.
3. Select “As Message”, “Via Bluetooth” or “Via Infrared”.
For details on creating a message, see “Creating a New Message” on page 49.
For details on *Bluetooth* settings, see “Bluetooth” on page 109.
For details on Infrared settings, see “Infrared” on page 111.

Note

- Pictures/Sounds/Video clips 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.
- When you send a picture file, select “As Postcard” in step 3. The Postcard service is not available with some providers. Contact your service provider for more information.

Receiving My Items Data

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

1. Press [Yes].

The received data is saved in the corresponding My Items folder.

Tip

- For details on Infrared or Bluetooth wireless settings, see *"Connectivity" on page 109.*

Using My Items Data

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

Select the appropriate option.

"My Items" → "Pictures"

"My Items" → "Sounds & Ringtones"

"My Items" → "Videos"

"My Items" → "Other Documents"

1. Highlight the desired file.
2. Press [Options] and select "Advanced".
3. Select the desired option.

"Move": Moves files to another folder. Select the desired folder to move to.

"Copy": Copies files. Select the desired folder to copy to.

"Create Folder": Creates a new folder.

"Multiple Select": Selects multiple files.

"Sort": Sorts the file. Select the desired files to sort.

To Rename the File

Select the appropriate option.

"My Items" → "Pictures"

"My Items" → "Sounds & Ringtones"

"My Items" → "Videos"

"My Items" → "Other Documents"

1. Highlight the desired file.
2. Press [Options] and select "Rename".

To Delete the File

"My Items" → "Pictures"

"My Items" → "Sounds & Ringtones"

"My Items" → "Videos"

"My Items" → "Other Documents"

1. Highlight the desired file.
2. Press [Options] and select "Delete".

To See the My Items Details

Select the appropriate option.

“My Items” → “Pictures”

“My Items” → “Sounds & Ringtones”

“My Items” → “Videos”

“My Items” → “Other Documents”

1. Highlight the file you wish to view the details of.
2. Press [Options] and select “Details”.

Uploading My Items Data

You can upload your picture, sound or video clip files to the Media Album.

“My Items” → “Pictures”

“My Items” → “Sounds & Ringtones”

“My Items” → “Videos”

1. Highlight the file you wish to upload.
2. Press [Options] and select “Send”.
3. Select “To Album”.

Note

- This service is not available with some service providers. Please contact your service provider for more information.
- Sound and video clip files protected with a copyright cannot be uploaded, with the exception of Separate Delivery files.

Selecting Multiple Files

You can select more than one item from My Items for moving, copying and deleting.

Note

- The following procedure applies when the entries other than “Get new” are highlighted.

Select the appropriate option.

“My Items” → “Pictures” → [Options]

“My Items” → “Sounds & Ringtones” → [Options]

“My Items” → “Videos” → [Options]

“My Items” → “Other Documents” → [Options]

1. Select “Advanced”.
2. Select “Multiple Select”.
3. Press  to check the desired file names.
4. Press [Options] and select the desired option.

Tip

- To remove the check, select the file again or select “Unselect” in step 4.
- If you wish to select all files, select “Select All” in step 4. To unselect all, select “Unselect All”.

Games & Applications (M 6–3)

For details on Vodafone specific applications, see “Games & Applications” on page 71.

Text Templates (M 6–5)

You can register up to 50 text templates for use in text messages and multimedia messages. A maximum of 256 characters can be used for a single text template.

Adding Phrases to Text Templates

“My Items” → “Text Templates” → “Add New Template”

1. Enter the text and press .

Editing Text Templates

“My Items” → “Text Templates”

1. Highlight the text template you wish to edit.
2. Press [Options] and select “Edit”.
To view the text template, press [Options] and select “View”.
To delete the text template, press [Options] and select “Delete”.
3. Modify the text and press .

Sending Text Templates

“My Items” → “Text Templates”

1. Highlight the text template you wish to send.
2. Press [Options] and select “Send Template”.

Memory Status (M 6–7)

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

Handset Memory: Applications, Pictures, Videos, Sounds, Others, Total and Free

Memory Card: Pictures, Videos, Sounds, Others, Total and Free

“My Items” → “Memory Status”

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

Entertainment (M 1)

Games & Applications (M 1–1)

Using Applications (M 1–1–1)

Various kinds of Vodafone specific applications can be used on this phone. To use applications, download the applications via the mobile Internet. Some applications offer the ability to connect to a network either within a game or a network based application.

Note

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

Downloading Applications

**“Entertainment” → “Games & Applications” →
“Games & Applications” → “More Games”**

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

“Entertainment” → “Games & Applications” → “Games & Applications”

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 Main Display

“Entertainment” → “Games & Applications” → “Games & Applications”

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.

“Entertainment” → “Games & Applications” → “Games & Applications”

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 MMS and SMS messaging. |
| “Autorun”: | Sets permission to perform the Autorun function. |
| “Local Connection”: | Sets permission to connect to local devices. |
| “Read User Data”: | Sets permission to read user data, such as Contacts List entries, mailbox (Inbox) and My Items data. |
| “Write User Data”: | Sets permission to write entries in your phone, such as Contacts List entries, mailbox (Inbox) and My Items data. |
| “Use Multimedia”: | Sets permission to use the multimedia recording. |
| “Location Access”: | Sets permission to update the positioning function. |

4. Select one of the following options:

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

Note

- To clear all the permission settings, select “Reset” in step 3.
- All permissions are not available for all Java™ applications.

Viewing Application Information

You can check the information of Java™ applications.

“Entertainment” → “Games & Applications” → “Games & Applications”

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

Deleting an Application

You can delete an application from the handset memory.

“Entertainment” → “Games & Applications” → “Games & Applications”

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

Settings (M 1–1–2)

Application Volume

You can set the volume of the application such as the sound effect to one of the five levels or silent. When “Volume” (p. 92) is set to “Silent”, this setup has priority.

“Entertainment” → “Games & Applications” → “Settings” → “Application Volume”

1. Press  (or ) to increase the volume or press  (or ) to decrease the volume and then press .

Backlight

“Entertainment” → “Games & Applications” → “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. 97).

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.

“Entertainment” → “Games & Applications” → “Settings” → “Backlight” → “Blink”

1. Select “On” or “Off”.

Vibration

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

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

Note

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

“Entertainment” → “Games & Applications” → “Settings” → “Vibration”

1. Select from “On”, “Link to Sound” or “Off”.

When you set “Link to Sound”, the vibration is synchronised with the sound of the SMAF file in the application.

Calls & Alarms

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

“Entertainment” → “Games & Applications” → “Settings” → “Calls & Alarms”

1. Select “Voice Call”, “Video Call”, “Incoming Message” or “Alarm”.

2. Select the desired method.

- “Call Priority”, “Message Priority” or “Alarm Priority”:

The application is suspended automatically, and you can receive a call or a message, or the alarm will sound. After finishing the call or the message, or the alarm ends, the suspend indicator () is displayed letting you know there is a suspended application.

- “Call Notice”, “Message Notice” or “Alarm Notice”:

The marquee (character scrolls) is displayed on the first line of the screen while the application continues. If you press , the application is suspended, and you can receive a call or a message. After finishing the call or the message, the suspend indicator () is displayed letting you know there is a suspended application.

Screensavers

You can download screensaver applications for the standby screen and set the time period for the screensaver to activate.

“Entertainment” → “Games & Applications” → “Settings” → “Screensavers” → “Switch On/Off”

1. Select “On” or “Off”.

To Set the Activation Time

“Entertainment” → “Games & Applications” → “Settings” → “Screensavers” → “Activation Time”

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

To Set the Suspend Time

"Entertainment" → **"Games & Applications"** → **"Settings"** → **"Screensavers"** → **"Suspend Time"**

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

Default Settings

"Entertainment" → **"Games & Applications"** → **"Settings"** → **"Set to Default"**

1. Enter your handset code.

Clearing All Memory

"Entertainment" → **"Games & Applications"** → **"Settings"** → **"Memory All Clear"**

1. Enter your handset code.

Java™ Information (M 1–1–3)

"Entertainment" → **"Games & Applications"** → **"Java™ Information"**

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

TV & Video (M 1–2)

Playing Back Video Clip Files (M 1–2–3)

"Entertainment" → **"TV & Video"** → **"My Videos"**

1. Select "Handset Memory" or "Memory Card".
2. Select the desired file.

To pause playback, press .

To stop playback, press [Back].

Tip

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

: Increases or decreases the volume.

 (press and hold): Mutes.

: Jumps to the next file.

: Returns to the top portion of the current file.

 (press and hold): Fast-forwards.

 (press and hold): Rewinds.

Searching a File to Be Played Back

"Entertainment" → **"TV & Video"** → **"My Videos"**

1. Select "Handset Memory" or "Memory Card".
2. Select "All Videos" or the desired playlist.
3. Press [Options] and select "Search".
4. Enter the first few letters of the title.

Search results are displayed in alphabetical order and the matching file is highlighted.

Adding a File to the Playlist

You can create a playlist registering desired files.

“Entertainment” → “TV & Video” → “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 folder.
6. Press .

The file highlighted in step 3 is saved.

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

Adding a New Playlist

“Entertainment” → “TV & Video” → “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 .

Editing the Video Clip File

“Entertainment” → “TV & Video” → “My Videos”

1. Select “Handset Memory” or “Memory Card”.
2. Select “All Videos” or the desired playlist.
3. Select the file you wish to edit.
4. Press [Options] and select “Edit”.
5. Select the desired option.

“Crop”: Select the desired area to be cropped.

“Subtitle”: Create a subtitle to add to the file.

Settings

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

“Entertainment” → “TV & Video” → “My Videos”

1. Select “Handset Memory” or “Memory Card”.
2. Select “All Videos” or the desired playlist.
3. Select the file for which you wish to adjust the play mode.
4. Press [Options] and select “Settings”.
5. Select from “Playback Pattern”, “Backlight” or “Display Size”.
6. Select from the following:
 - “Playback Pattern”
 - “Normal”: Plays back all files in the selected folder once and stops playback.
 - “Repeat”: Continues playback in the selected folder.
 - “Repeat All”: Plays back all files in the selected folder.
 - “Random”: Plays back files in the selected folder at random.
 - “Backlight”
 - “Always On”: Lit while the file is played back.
 - “Always Off”: Unlit while the file is played back even if a key is pressed.
 - “Default Settings”: Works with the main backlight setting (p. 97).
 - “Display Size”
 - “Original Size”: Displays the file in its original size.
 - “Enlarge”: Displays the file in an enlarged size.
 - “Full Screen”: Displays the file on the full screen.

SD VIDEO (M 1–2–4)

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

“Entertainment” → “TV & Video” → “SD VIDEO”

1. Select the desired file.
 - To pause playback, press .
 - To stop playback, press .
 - To delete files from the playlist, highlight the playlist, press [Options] and select “Delete”.

Playing Back the Video Clip Files

To Play Back the Last File (M 1–2–1)

“Entertainment” → “TV & Video” → “Last Played Video”

Streaming

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

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

“Entertainment” → “TV & Video” → “Mobile TV”

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

“Last Played Streaming”:

Shows the last streaming file.

“Enter URL”:

Enter the desired address of the Web site. The browser opens, starts downloading and plays back.

“Favourites”:

The address of the Web site is registered.

“Access Log”:

Shows the logs of the Web site you accessed. From the log you can start streaming.

Organiser & Tools (M 7)

Calendar (M 7–1)

Calendar allows you to easily schedule appointments or events at any given date or time.

These entries can also be sent via Infrared or *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” → “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 location.
5. Select the desired category.
6. Enter the start date and then enter the start time.
7. Select the duration.

When selecting “Other”, enter the desired reminder date and time.

8. Select the reminder time.

When selecting “Other”, enter the desired reminder date and time.

9. Press [Save].

Note

- If the date and time settings have not been entered, the date and time entry screen is displayed (p. 98).
- The reminder will not sound when “Volume” (p. 92) is set to “Silent”.

To Change the Type of the Reminder Tone or Video

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

For details on selecting a tone, see “Assigning a Ringtone” on page 92.

To Change the Duration of the Reminder Tone or Video

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

When you select “Other”, you can enter the desired time in two digits using the keypad.

To Change the Repeat Option of the Reminder

1. On the New Entry screen, select “Repeat”.
2. Select the desired repeat option.

To Enter the Description

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

To Make the Entry Secret

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

Viewing a Schedule Entry

“Organiser & Tools” → “Calendar”

1. Select the day you wish to view.

To Search By Date

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

Tip

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

Monthly view

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

Weekly view

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

Editing a Schedule Entry

“Organiser & Tools” → “Calendar”

1. Select the day you wish to edit.
2. Press [Options] and 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 Week” (weekly view):

Deletes all entries for the selected week.

“Up to Last Week” (weekly view):

Deletes all entries before this week.

“All This Month” (monthly view):

Deletes all entries for the selected month.

“Up to Last Month” (monthly view):

Deletes all entries before this month.

“All Appointments” (weekly and monthly view):

Deletes all entries in this application.

Sending a Schedule Entry

“Organiser & Tools” → “Calendar”

1. Select the day including schedule entries 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 109.

For “Via Infrared”

For details, see “Infrared” on page 111.

Note

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

Receiving a Schedule Entry

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

1. Press [Yes].

The received entry is saved in the Calendar.

Press [No] to reject.

Tip

- *For details on entering Infrared or Bluetooth wireless settings, see “Connectivity” on page 109.*

Viewing the Memory Status

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

Alarms (M 7–2)

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.

Note

- The alarm will not ring when "Volume" (p. 92) is set to "Silent".

"Organiser & Tools" → "Alarms"

1. Select the blank setting.
2. Enter the desired time.
3. Press [Save].

To Change the Type of Repeat Options

1. On the Set Alarm screen, select "Repeat".
2. Select from "Once Only", "Every Day" or "Selected Days".

"Once Only": The alarm sounds once only.

"Every Day": The alarm sounds every day at the specified time.

"Selected Days": The alarm sounds on the selected day of the week at the specified time.

To Change the Type of Alarm Tone or Video Clip File

1. On the Set Alarm screen, select "Assign Tone/Video".
2. Select "Assign Tone" and then select "Preset Sounds" or "My Sounds", or select "Assign Video".
3. Select the desired tone or video clip file.

For details on selecting a tone, see "Assigning a Ringtone" on page 92.

To Change the Snooze of the Alarm Tone

1. On the Set Alarm screen, select "Snooze".
2. Select the desired snooze option.

To Change the Alarm Volume

1. On the Set Alarm screen, select "Alarm Volume".
2. Press  (or ) to increase the volume or press  (or ) to decrease the volume.

To Change the Vibration of Alarm Tone

1. On the Set Alarm screen, select "Vibration".
2. Select "On", "Link to Sound" or "Off".

For details on selecting a vibration, see "Vibration" on page 94.

To Change the Duration of the Alarm Tone

1. On the Set Alarm screen, select "Duration".
2. Select the desired duration.

Resetting an Alarm Setting

"Organiser & Tools" → "Alarms"

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

Resetting All Alarm Settings

"Organiser & Tools" → "Alarms" → "Clear All"

1. Press [Yes] or [No].

Calculator (M 7-3)

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

"Organiser & Tools" → "Calculator"

Key operations for calculation are as follows:



To enter a decimal point, press .

To clear the entered number or function, press .

To do the calculations, press .

To start a new calculation, press .

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

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

To Convert a Value

“Organiser & Tools” → **“Calculator”**

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

Voice Recorder (M 7–4)

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 Saved Sounds. Voice clips are saved in .amr format.

Recording a Voice Clip

“Organiser & Tools” → **“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” → **“Voice Recorder”**

1. Press  to start recording.
2. Press  to stop recording.
3. Select “Save and Send”.
4. Select “As Message”.

For details on creating a message, see “Creating a New Message” on page 49.

Selecting the Record Time

“Organiser & Tools” → **“Voice Recorder”** → **[Options]** → **“Record Time”**

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

When selecting “Extended Voice”, voice clips are automatically saved to a memory card.

Selecting Storage Memory

“Organiser & Tools” → **“Voice Recorder”** → **[Options]** → **“Save New Sounds”**

1. Select the desired location.

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

Scanner (M 7–5)

With the built-in digital camera, you can read texts and barcodes in Jan format and QR codes, and create QR codes. The scanned data can be saved as a Contacts List entry, URL, Email address and text.

Note

- When scanning does not take place, it may be due to one of the following reasons: type or size of barcode, scratches, dirt, damage, print quality, light reflection, etc.

Reading Barcodes

“Organiser & Tools” → “Scanner” → “Scan Barcode”

1. Display the barcode using the external camera.
2. Press .
3. Select the desired option.

The options vary depending on the scanned data.

“Open Link”: The browser opens the URL.

“Copy URL”: The URL is copied.

“Send Message”: The result is sent as SMS or MMS.

“Copy”: The result is copied.

To Use the Continuous Scanning

1. In scanning mode, press [Options] and select “Continuous Scan” to turn on.

Opening a Barcode Picture

“Organiser & Tools” → “Scanner” → “Open Barcode”

1. Select the desired picture data for barcode.

Press  to save.

Viewing the Scanned Data

“Organiser & Tools” → “Scanner” → “Scanned Results”

1. Highlight the data you wish to view, then press .
2. Enter the desired text or select the desired data, then press .
3. Press to save .

Creating QR Codes

“Organiser & Tools” → “Scanner” → “Create QR Code”

1. Select the desired option.
“Text Input”: Create a QR code using the text you enter.
“My Items”: Create a QR code using the My Items data.
2. Enter the desired text or select the desired data, then press .
3. Press  to save.

Tip

- The QR code is saved in a PNG format file.

Scanning Text

“Organiser & Tools” → “Scanner” → “Scan Text”

1. Display text using the camera.
2. When the bar under the scanned text is blue, press .
3. Press  or  to select the desired text, then press .
4. Press [Options] and select the desired option.

“OK”:	The scanned result is in the text entry screen.
“Select/Edit”:	The scanned result can be modified.
“Change Mode”:	The scanned result can be converted to a web address, mail address, phone number or to roman text.

To Use Reversed Text

1. In scanning mode, press [Options] and select “Reversed Text”.
2. Select the desired option from “Auto”, “Normal” or “Reversed”.

E-Book (M 7-6)

This function allows you to view E-Book files (XMDF or Text files) stored in a memory card.

“Organiser & Tools” → “E-Book”

1. Select the desired file.

To search in a dictionary, select a dictionary, press  and enter the keyword on the search screen.

2. Press  to view.

To scroll the screen up and down (to previous or new line), press  or . To jump to the previous or the following pages, press  or .

3. Press  when finished.

Tip

- When a call arrives while the viewer is on or when you exit an E-Book, “Auto Bookmark 1” is automatically added on the last page you have viewed. The page with the bookmark automatically opens when you select the file the next time. The new bookmark is now “Auto Bookmark 1”, turning the previous bookmark to “Auto Bookmark 2”.

Adding a Bookmark

You can add up to two bookmarks to each E-Book file.

“Organiser & Tools” → “E-Book”

1. Select the desired file.
2. Press [Options] and select “Bookmark”.
3. Select “Bookmark 1” or “Bookmark 2”.

Note

- E-Book files cannot be viewed while “Music” or “Games & Applications” is in use.
- If you remove the memory card while the E-Book is in use, a confirmation message appears and your phone returns to standby.

Stopwatch (M 7–7)

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

“Organiser & Tools” → “Stopwatch”

1. Press  to start.

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

2. Press  to stop.

Tip

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

Resetting Time

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

Tasks (M 7–8)

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

Creating a New Entry

“Organiser & Tools” → “Tasks”

1. Select “Add New Entry”.
2. Enter the subject.
3. Enter the due date and then due time.
4. Select the reminder time.

When selecting “Other”, enter the desired reminder date and time.

5. Press [Save].

Note

- If the date and time settings have not been entered, the date and time entry screen is displayed (p. 98).

To Change the Type of Alarm Tone or Video Clip File

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

For details on selecting a tone, see “Assigning a Ringtone” on page 92.

To Change the Duration of Alarm Tone or Video

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

To Change the Description

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

To Make the Entry Completed or Uncompleted

“Organiser & Tools” → “Tasks”

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

To make the entry uncompleted, select “Uncheck”.

To Make the Entry Secret

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

Sending a Task Entry

“Organiser & Tools” → “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 109.

For “Via Infrared”

For details, see “Infrared” on page 111.

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” → “Tasks”

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

Deleting Entries

“Organiser & Tools” → “Tasks” → [Options] → “Delete”

1. Select the desired option.

“This Task”:	Deletes the selected entry.
“All Completed Tasks”:	Deletes all checked entries.
“All Tasks”:	Deletes all entries.

World Clock (M 7–9)

Setting the Time Zone

“Organiser & Tools” → “World Clock”

1. Press [Edit] and select “Set Time Zone”.

The current time zone is indicated by red line on the world map.

2. Press  or  to change the time zone.
3. Press .

To Set the Custom Time Zone

“Organiser & Tools” → “World Clock”

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

Setting the Daylight Saving

“Organiser & Tools” → “World Clock”

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

Countdown Timer (M 7–10)

“Organiser & Tools” → “Countdown Timer”

1. Enter the time to count.

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

2. Press  to start counting.

3. Press  to pause.

Press  again to continue counting.

4. If the countdown has finished, press [Cancel] and then press  to start the countdown again.

Editing the Countdown Time

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

Expenses Memo (M 7–11)

You can record an expenses memo with predefined or edited categories.

Recording in the Expenses Memo (M 7–11–1)

“Organiser & Tools” → “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 7-11-2)

“Organiser & Tools” → “Expenses Memo” → “Totals”

Recorded expenses are displayed on the screen.

To Change Amount

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

Editing the Category Name (M 7-11-3)

“Organiser & Tools” → “Expenses Memo” → “Edit Category”

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

Phone Help (M 7-12)

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

“Organiser & Tools” → “Phone Help”

1. Press  or .

SIM Application (M 11)

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

Settings (M 12)

Profiles (M 12–1)

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

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

Activating a Profile

“Settings” → “Profiles”

1. Select the desired profile.

Note

- When a profile is set, the corresponding indicator described on page 17 is displayed in standby.

Tip

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

Resetting Profile Settings

“Settings” → “Profiles”

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

The default handset code is “9999”. For details on changing the handset code, see “Changing the Handset Code” on page 106.

Volume

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

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Volume”.
4. Select “For Incoming Call”, “For New Message” or “General Volume”.
5. Press  (or ) to increase the ringer volume or press  (or ) to decrease the ringer volume and then press .
To select “Increasing Volume”, press  (or ) at level 5.
To select “Silent”, press  (or ) at level 1.

Tip

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

Assigning a Ringtone

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

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select "Personalise".
3. Select "Ringtone/Ringvideos".
4. Select "For Voice Call" or "For Video Call".
5. Select "Assign Tone".
6. Select "Preset Sounds" or "My Sounds".
7. Highlight the ringtone you wish to use.
To hear the demo play, press [Options] and select "Play".
8. Press [Options] and select "Assign".

Note

- *Even if you delete a ringtone that uses a sound in Sounds & Ringtones, the setting remains the same and the default ringtone sounds. If you delete a ringtone assigned for the ringtone, the default ringtone is set.*

Assigning a Ring Video Clip File

You can select a video clip file in Saved Videos as the default ring video clip file.

"Settings" → "Profiles"

1. Highlight the profile you wish to customise.
2. Press [Options] and select "Personalise".
3. Select "Ringtone/Ringvideos".
4. Select "For Voice Call" or "For Video Call".
5. Select "Assign Video".

6. Highlight the ring video clip file you wish to use.
To preview the file, press [Options] and select "Play".
7. Press [Options] and select "Select".

Message Notification

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

"Settings" → "Profiles"

1. Highlight the profile you wish to customise.
2. Press [Options] and select "Personalise".
3. Select "Ringtone/Ringvideos".
4. Select "For New Message".
5. Select "Assign Tone" or "Assign Video".
If "Assign Tone" is selected, select "Preset Sounds" or "My Sounds".
6. Highlight the desired ringtone or ring video clip.
For details on selecting a ringtone or a ring video, see "Assigning a Ringtone" on page 92 or "Assigning a Ring Video Clip File".
7. Press [Options] and select "Assign" (for a ringtone) or "Select" (for a video clip).
8. Select "For New Message" and select "Duration".
9. Enter the desired duration.

Keypad Tones

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

“Settings” → “Profiles”

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

Warning Tone

“Settings” → “Profiles”

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

For “Tone”, select “Off”, “Preset Sounds” or “My Sounds”.

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

Power On Sound

“Settings” → “Profiles”

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

5. Select “Tone” or “Duration”.

For “Tone”, select “Off”, “Preset Sounds” or “My Sounds”.

Power Off Sound

“Settings” → “Profiles”

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

For “Tone”, select “Off”, “Preset Sounds” or “My Sounds”.

Vibration

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Vibration”.
4. Select “On”, “Link to Sound” or “Off”.

Tip

- When the “Link to Sound” option is selected in step 4, the vibrator synchronises with your selected melody to pulse in time with the melody. Please note that not all melodies support the “Link to Sound” option.
- When you select “On” or “Link to Sound” in step 4, “ ” is displayed in standby.

Event Light

When the light option is on, the mobile light turns on while the phone receives a call or message.

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Event Light”.
4. Select “For Voice Call”, “For Video Call” or “For New Message”.
5. Select “Switch On/Off”.
6. Select “On” or “Off”.

To Change the Light Colour

You can select from 7 colours for each profile.

1. In step 5 in “Event Light”, select “Light Colour”.
2. Select the desired colour.

Status Light

When the light option is on, the mobile light or small light turns on to let you know when you have missed calls or unread messages.

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Status Light”.
4. Select “For Missed Call” or “For New Message”.
5. Select “On(Mobile Light)”, “On(Small Light)” or “Off”.

To Change the Light Colour

You can select from 7 colours when “Status Light” is set to “On(Mobile Light)”.

1. In step 3 in “Status Light”, select “Light Colour”.
2. Select the desired colour.

Any Key Answer

You can answer a call by pressing any key except , ,  and [Busy]. For details, see page 21.

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Any Key Answer”.
4. Select “On” or “Off”.

Setting the Display (M 12–2)

You can change the settings of the display.

Setting the Wallpaper (M 12–2–1)

For the standby screen, 5 pictures are provided.

Pictures taken with the digital camera or images downloaded from a WAP site can be used for wallpapers.

To Set My Pictures

“Settings” → “Display Settings” → “Wallpaper”

1. Select “My Pictures”.
2. Select the desired picture.
3. After displaying the picture, press .

Note

- Some pictures cannot be used because of their picture and data types.
- If the picture in My Pictures is already set, it is displayed in step 1. Press [Change] and select the desired picture.

System Graphics (M 12–2–2)

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 digital camera or images downloaded from a WAP site can be used.

To Use Preset Animation/Pattern

“Settings” → “Display Settings” → “System Graphics”

1. Select the desired scene to set the picture to.
2. Select “Preset Animation” when you select “Power On” or “Power Off” in step 1.

Select “Pattern 1”, “Pattern 2” or “Pattern 3” when you select “Incoming Call” or “Alarm” in step 1.

To Set My Pictures

“Settings” → “Display Settings” → “System Graphics”

1. Select the desired scene to set the picture to.

2. Select “My Pictures”.

3. Select the desired picture.

4. After displaying the picture, press .

5. Specify the area you wish to display using the navigation keys.

Note

- Some pictures cannot be used because of their picture and data types.
- If the picture in My Pictures is already set, it is displayed in step 2. Press [Change] and select the desired picture.

Setting the Font Weight (M 12–2–3)

“Settings” → “Display Settings” → “Font Settings”

1. Select “Thin”, “Normal”, “Bold” or “Bolder”.

The preview image is displayed in the selected weight.

Setting the Greeting Message (M 12–2–4)

You can set the message which is displayed when the phone is turned on.

“Settings” → “Display Settings” → “Greeting Message” → “Switch On/Off”

1. Select “On” or “Off”.
2. Select “Edit Message” and enter the message (up to 10 characters).

Backlight (M 12-2-5)

The backlight will shut off if you do not press the keypad for a certain length of time. You can specify a desired time to elapse before the backlight shuts off, which will help conserve battery life.

Tip

- When you purchase this phone, Backlight is set to 15 seconds.

To Select the Backlight Time Out

“Settings” → “Display Settings” → “Backlight” → “Time Out”

1. Select the desired time.

Select “Off” to shut it off.

To Adjust the Brightness of the Backlight

“Settings” → “Display Settings” → “Backlight” → “Brightness”

1. Press  (Light) and  (Dark) to switch between 4 levels of clarity.
2. Press .

Setting the Display Saving (M 12-2-6)

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” → “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 making a call, using WAP, or using 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 Video Out (M 12-2-7)

With the optional cable, you can connect your phone to other device, such as TVs or videos set to output, and display images or video clips stored on your phone. It is also possible to output and display data stored in the memory card.

To Set Output Function On

You need to connect your phone to the other device with the optional cable beforehand.

“Settings” → “Display Settings” → “Video Output” → “Switch On/Off”

1. Select “On”.

Select “Off” on the Output screen when finished.

Note

- When closing your phone, you cannot output data to the connected device.
- It is not possible to output some images or video clips.

To Select Display Size

You can display images in enlarged size.

“Settings” → “Display Settings” → “Video Output” → “Display Size”

1. Select “Enlarge”.

To display in original size, select “Original Size”.

To Rotate Image

“Settings” → “Display Settings” → “Video Output” → “Rotate Image”

1. Select the desired item.

The image displayed on the device will rotate until the selected degree.

To Select TV System

You need to select the appropriate TV system. Refer to the instruction manual of your connected device to confirm the TV system.

“Settings” → “Display Settings” → “Video Output” → “TV System”

1. Select the desired item.

Sound Settings (M 12–3)

You can use this menu to check or edit the current Profiles settings (except “Any Key Answer”).

Setting the Surround Sound

“Settings” → “Sound Settings” → “Surround”

1. Select from “On”, “Link to Sound” or “Off”.

Date & Time (M 12–4)

You need to set the correct time and date in order for your phone's various time-based functions to work correctly.

“Settings” → “Date & Time” → “Set Date/Time”

1. Enter the day, month and year using the digit keys.
2. Enter the 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.

Setting the Daylight Saving (M 12–4–2)

“Settings” → “Date & Time” → “Daylight Saving”

1. Select “On” or “Off”.

Setting the Time Zone (M 12–4–3)

“Settings” → “Date & Time” → “Set Time Zone”

1. Press  or  to select the home city to set.
2. Press .

Customising the Time Zone

“Settings” → “Date & Time” → “Set Time Zone” → [Options] → “Set Custom Zone”

1. Enter the city name.
2. Enter the time–zone differences using the digit keys.
Press  or  to switch between – and +.
3. Press .

Display Date & Time (M 12–4–4)

You can display the calendar or the current date and/or time in standby.

To Set the Clock Display

“Settings” → “Date & Time” → “Display Date & Time” → “Show Clock”

1. Select the desired clock type or “Off” to set clock display off.

To Set the Calendar Display

“Settings” → “Date & Time” → “Display Date & Time” → “Show Calendar”

1. Select the desired calendar type or “Off” to set calendar display off.

World Clock (M 12–4–5)

For details, see page 89.

Selecting the Time Format (M 12–4–6)

“Settings” → “Date & Time” → “Time Format”

1. Select “24 Hour” or “12 Hour”.

Selecting the Date Format (M 12–4–7)

“Settings” → “Date & Time” → “Date Format”

1. Select from “D.M.Y”, “M–D–Y” or “Y/M/D”.

Setting the Calendar Format (M 12–4–8)

“Settings” → “Date & Time” → “Calendar Format”

1. Select “Sunday–Saturday” or “Monday–Sunday”.

Language Setting (M 12–5)

You can change the language displayed on the phone.

“Settings” → “Language”

1. Select the desired language.

Tip

- You can also change the input language on the text entry screen (p. 29).

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.