

Declaration of Conformity

CE 0168

Hereby, Sharp Telecommunications of Europe Limited,
declares that this GX34 is in compliance with the essential
requirements and other relevant provisions of Directive
1999/5/EC.

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

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

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Azure House, Bagshot Road, Bracknell, Berkshire RG12 7QY UK

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

Introduction

Congratulations and thank you for choosing the GX34.

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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- Screen layout illustrated in this User Guide may differ from the actual one.
The information described in this User Guide is subject to change without notice.

- All the functions described in this User Guide may not be supported in all networks.
- We assume no responsibility for downloaded contents, information, etc. from network.
- Occasionally, a few black or bright pixels may appear on the screen. Please note that this will not have any impact on any of the features or performance.

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Useful Functions and Services

Your phone offers you the following features:

- 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 sending picture, sound and video messages to brighten someone's day.
- A WAP browser for accessing information on the mobile Internet.
- Java™ applications. You can also download various applications from Vodafone via the mobile Internet.
- The external display for quickly checking the information of incoming calls or messages.
- Email for sending up to 2000 characters and receiving mail with attachments.
- A voice recorder function for recording and playing back voice clips.
- A *Bluetooth*® wireless technology interface for establishing contact and transmitting data with certain devices. You can transmit pictures, sounds, and video clips to OBEX-enabled phones.
- A data synchronisation function for synchronising the Contacts List and schedule entries with Microsoft Outlook or Outlook Express on a PC.
- A schedule alarm for creating and sending schedule entries with alarm settings.
- A music player that can play back MP3 and AAC format sound files.
- A microSD™ memory card slot that expands connectivity with a PC using a memory card.

SAFETY PRECAUTIONS

Your phone conforms to international regulations in so far as it is used under normal conditions and in accordance with the following instructions.

Sharp and Vodafone disclaim any liability for damage which may result as a consequence of improper use or use contrary to the instructions contained herein.



Read the safety information sections of this user guide on pages 4 to 15.



Do not use hand-held while driving.



For body-worn operation, maintain a separation of 1.5 cm.



Small parts may cause a choking hazard.



This device may produce a loud sound.



Keep away from pacemakers and other personal medical devices.



Switch off when instructed in hospitals and medical facilities.



Switch off when instructed in aircrafts and airports.



Switch off in explosive environments.



Do not use while re-fuelling.



This device may produce a bright or flashing light.
(* The flashing light feature is not available on all products.)



Do not dispose of in a fire.



Avoid contact with magnetic media.



Avoid extreme temperatures.



Avoid contact with liquid, keep dry.



Do not attempt to disassemble.



Do not rely on this device for emergency communications.



Only use approved accessories.

RADIOFREQUENCY (RF) EXPOSURE

General Statement on RF Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Specific Absorption Rate (SAR)

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.566 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide**. In this case, the highest tested SAR value is 1.048 W/kg.

As SAR is measured utilising the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to communicate with the network.

- * The tests are carried out in accordance with international guidelines for testing.
- ** Please see the section below about body worn operation.

Body Worn Operation

Important safety information regarding radiofrequency radiation (RF) exposure:

- To ensure compliance with RF exposure guidelines the phone must be used with a minimum of 1.5 cm separation from the body.
- Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

Limiting Exposure to Radiofrequency (RF) Fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organisation (WHO) provides the following advice:

- Precautionary measures: Present scientific information does not indicate the need for any special precautions for use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'handsfree' devices to keep mobile phones away from the head and body.
- For further information readers are referred to: <http://www.who.int/>

FCC Notice

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Exposure to Radio Waves

**THIS MODEL PHONE MEETS THE
GOVERNMENT'S REQUIREMENTS FOR
EXPOSURE TO RADIO WAVES.**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.* Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.949 W/kg and when worn on the body, as described in this user guide, is 0.592 W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use

accessories that maintain a 1.5 cm separation distance between the user's body and the back of the phone. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID APYHRO00058.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://www.phonefacts.net>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

INFORMATION ON PROPER DISPOSAL



Attention: Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

A. Information on Disposal for Users (private households)

1. In the European Union

Attention: If you want to dispose of this equipment, please do not use the ordinary dust bin!

Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation by member states, private households within the EU states may return

their used electrical and electronic equipment to designated collection facilities free of charge*. In some countries* your local retailer may also take back your old product free of charge if you purchase a similar new one.

*) Please contact your local authority for further details.

If your used electrical or electronic equipment has batteries or accumulators, please dispose of these separately beforehand according to local requirements.

By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

2. In other Countries outside the EU

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal.

For Switzerland: Used electrical or electronic equipment can be returned free of charge to the dealer, even if you don't purchase a new product. Further collection facilities are listed on the homepage of www.swico.ch or www.sens.ch.

B. Information on Disposal for Business Users

1. In the European Union

If the product is used for business purposes and you want to discard it:

Please contact your SHARP dealer who will inform you about the take-back of the product. You might be charged for the costs arising from take-back and recycling. Small products (and small amounts) might be taken back by your local collection facilities.

For Spain: Please contact the established collection system or your local authority for take-back of your used products.

2. In other Countries outside the EU

If you wish to dispose of this product, please contact your local authorities and ask for the correct method of disposal.

DISTRACTIONS

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a handsfree kit) causes distraction and can lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating Machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

PRODUCT HANDLING

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

- You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.
- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.

- Do not attempt to disassemble your phone or its accessories. Only authorised personnel must do so.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

Demagnetisation

To avoid the risk of demagnetisation, do not allow electronic devices or magnetic media close to your phone for a long time.

Electrostatic Discharge (ESD)

Do not touch the SIM card's metal connectors.

Antenna Care

Do not cover the built-in antenna (p. 24, No. 20) with your hand when using the phone as this may interfere with the performance.

If you cover it, call quality may deteriorate, and may shorten talk and standby times because the mobile phone has to operate on a higher power level than is necessary.

Normal Use Position

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth or as you would a fixed line phone.

Air Bags

- Do not place a phone in the area over an air bag or in the air bag deployment area.
- Store the phone safely before driving your vehicle.

Seizures/Blackouts

If your phone is capable of producing bright flashing lights, please be careful because it may trigger seizures or blackouts.

Repetitive Motion Injuries

To minimise the risk of RSI (Repetitive strain injury), when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Make use of the special features in the handset which minimise the number of buttons which have to be pressed, such as message templates and predictive text.
- Take lots of breaks to stretch and relax.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises which may damage your hearing.

Bright Light

If your phone is capable of producing a bright light, do not use it too close to the eyes.

Phone Heating

Your phone may become warm during charging and during normal use.

ELECTRICAL SAFETY

Accessories

- Use your phone only with batteries, chargers and accessories recommended by the manufacturer. The manufacturer disclaims any liability for damage caused by the use of other chargers, batteries or accessories.
- Before connecting the phone with a PC or a peripheral unit, read the operation manual for the other unit carefully.
- Do not touch the battery terminals. Batteries can cause damage, injury or burns if a conductive material touches exposed terminals. When the battery is detached from the phone, use a cover made of non-conductive material for keeping and carrying the battery safely.

Connection to a Car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

- Do not attempt to disassemble the phone or its accessory.
- Only qualified personnel must service or repair the phone or its accessory.
- If your phone or its accessory has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorised service centre.

INTERFERENCE

General Statement on Interference

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

- People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.
- Since the level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Devices

Please consult your doctor and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

Hospitals

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

Interference in Cars

Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a handsfree kit with an external antenna is included in the installation.

EXPLOSIVE ENVIRONMENTS

Petrol Stations and Explosive Atmospheres

- In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment.
- Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

To avoid interfering with blasting operations, turn off your mobile phone or wireless device when in a blasting area or in areas posted “turn off two-way radios or electronic devices”.

CONDITIONS OF USE

Battery

- **Network configuration and phone usage will affect talk-time and standby time.**

Using the games or camera will hasten battery consumption.

- **When the battery charging alert is displayed on the screen, charge the battery as soon as possible.**

If you continue using your phone ignoring the alert, the phone may cease to function, and all data and settings you have stored may be lost.

- Before removing the battery from the phone, make sure the phone is switched off.
- Replace and charge the new battery as soon as possible after removing the old one.
- Recommended temperature for using and storing batteries is approximately 20°C.
- The batteries' performance is limited in low temperatures, particularly below 0°C and the phone may not work temporarily regardless of the amount of remaining battery power.
- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE,
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

See "Battery Disposal" on page 26.

Memory Card

- Do not remove or insert a memory card while data on the card is being edited. Do not turn off the phone or device containing the memory card while data on the card is being edited as this may damage the data or cause the card to stop functioning correctly.
- Data may be lost under the following circumstances.
 - If the phone is dropped or shaken or if force is applied while the memory card is inserted.
 - If the phone is used in areas that are exposed to static electricity or electric noise.
- Back up your important data in the case data on the memory card is lost due to malfunctions.
- Do not touch the metal terminals with your hands or metal objects.
- Do not bend the memory card or subject it to violent impact. Keep it away from water and high temperatures.

- SHARP holds no responsibility for the loss or damage of data contained on a memory card.
- Keep all memory cards out of the reach of small children.
- Be sure to insert the memory card in the correct direction and orientation.

Camera Operation

- Learn picture quality, file formats, etc. beforehand. The taken pictures can be saved in JPEG format.
- Be careful not to move your hand while taking pictures.
If the phone moves while taking a picture, the picture can become blurred. When taking a picture, hold the phone firmly to prevent it from moving, or use the delay timer.
- Clean the lens cover before taking a picture.
Fingerprints, oils, etc. on the lens cover hinder clear focusing. Wipe them off with a soft cloth before taking a picture.

Others

- As with any electronic storage unit, data may be lost or corrupted under various circumstances.
- If the phone's battery has been removed for some time, or the phone has been reset, the unit's clock and calendar may be reinitialised. The date and time should be updated in this case.
- Use only specified handsfree kits (supplied or optional). Some phone's functions may not work when unauthorised handsfree kit is used.

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List of Menu Functions

GX34 functions are listed below.

See relevant page for details of each function. The menu's corresponding number is used for shortcuts. For details, see page 43.

1 Games & More	1 Applications	(p. 89)	6 My Items	1 Pictures	(p. 80)
	2 Screensavers	(p. 90)		2 Games & More	(p. 82)
	3 More Games	(p. 90)		3 Sounds	(p. 83)
	4 Settings	(p. 91)		4 Videos	(p. 85)
	5 Java™ Information	(p. 92)		5 Text Templates	(p. 88)
2 Vodafone live!	1 Vodafone live!	(p. 76)	7 Music Player	6 Bookmarks	-
	2 Games	-		7 Memory Status	(p. 88)
	3 Ringtones	-		1 Last Played Music	(p. 100)
	4 Pictures	-		2 My Music	(p. 100)
	5 News	-		3 Playlist	(p. 101)
	6 Sport	-	8 Contacts	1 Contacts List	(p. 44)
	7 Find & Seek	-		2 Call Log	(p. 52)
	8 Chat	-		3 Speed Dial List	(p. 53)
	9 Search	-		4 My Numbers	(p. 53)
3 Applications	1 SIM Application*	(p. 93)		5 Call Timers	(p. 53)
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4 Messages	1 Create Message	(p. 64, 71, 73)		3 Display	(p. 112)
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	4 Email	(p. 73)		6 Date & Time	(p. 120)
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	8 Cell Broadcasts	(p. 75)		0 Master Reset	(p. 126)
	9 Area Info	-			
5 Camera	1 Take Picture	(p. 55)	* Depends on SIM card contents.		
	2 Record Video	(p. 60)			

Note for the menu references for the Postcard and Media Album services

- *The menu references for the Postcard and Media Album services vary in the United Kingdom and Ireland as follows:*

Current references in the User Guide	References in United Kingdom	References in Ireland
"Postcard"	"live! Postcard"	(Not available)
"As Postcard"	"As live! Postcard"	(Not available)
"State/Province"	"County"	"State/Province"
"Media Album"	"live! Studio"	"Picture Album"
"To Album"	"To live! Studio"	"To Picture Album"

Your Phone

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

- GSM 900/1800/1900 GPRS phone
- Rechargeable Li-ion Battery
- AC Charger
- Stereo Handsfree
- CD-ROM
- User Guide
- Quick Start Guide*

* This item is not provided in some areas.

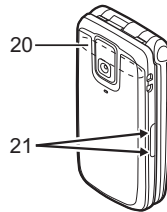
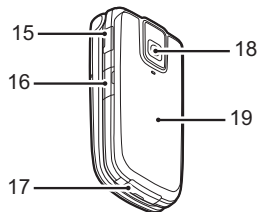
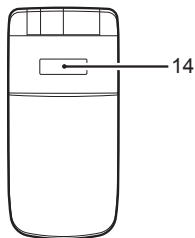
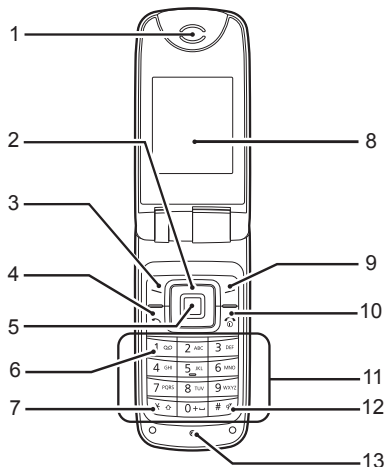
Optional Accessories

- Li-ion Spare Battery (XN-1BT33)
- Cigarette Lighter Charger (XN-1CL30)
- USB Data Cable (XN-1DC30)
- AC Charger (XN-1QC30, XN-1QC31)
- Handsfree Microphone Unit (XN-1HU90)
- Stereo Headset (XN-1HS90)

The above accessories may not be available in all regions.

For details, please contact your dealer.

Getting Started



1. Earpiece/Speaker

2. Navigation Keys (Arrow Keys):

Up/Down arrow keys: Displays Contacts List entries in standby mode.



Left arrow key: Displays list of Applications in standby mode.



Right arrow key: Displays list of Saved Pictures in standby mode.



3. Left Soft Key: Executes the function at the bottom left of the screen.



4. Send Key: Makes or accepts calls, views the call logs in standby mode.



5. Centre Key: Displays Main menu in standby mode and executes functions.



6. Voice Mail Key: Press and hold this key to connect to the Voice mail centre automatically.
(Depends on the SIM card.)



7. */Shift Key:



Switches character case among four modes: Abc, ABC, 123 and abc. Press and hold this key on the text entry screen to shift the text input method between multi-tap and T9 mode.

8. Main Display

9. Right Soft Key:



Executes the function at the bottom right of the screen. Used to access “Vodafone live!” by opening the browser in standby mode. Ends a call, turns power on/off.



10. End/Power Key:



11. Keypad

12. #/Silent Key:



Switches symbol screens. Press and hold this key on the text entry screen to display the language options screen. Press and hold this key during standby to switch Profiles settings between Normal and Silent mode. Press , then  during standby to turn the *Bluetooth* wireless function on or off.

13. Microphone

14. External Display

15. Handsfree Kit/Microphone Connector

16. microSD Card Slot

17. External Connector:

Used to connect either the charger or USB Data Cable.

18. Camera

19. Battery Cover

20. Built-in Antenna:

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

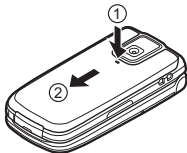
21. Side-Up/Side-Down Keys:



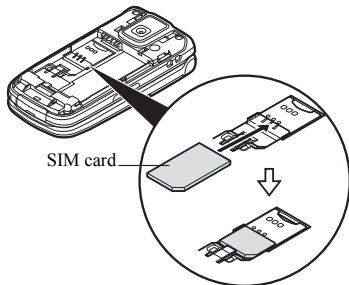
Moves cursor to select menu items, adjusts earpiece volume, etc.

Inserting the SIM Card and the Battery

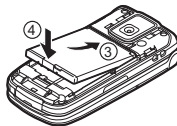
1. Slide off the battery cover (① ②).



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 and slide it as shown below.

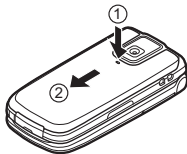


Note

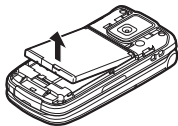
- Make sure that only 3V SIM cards are used.
- Make sure that the standard accessory battery (XN-1BT33) is used.

Removing the SIM Card and the Battery

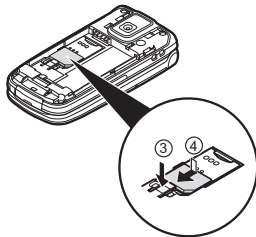
1. Make sure to turn off your phone and disconnect the charger and other accessories. Slide off the battery cover (① ②).



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



3. Hold down gently ③ while sliding the SIM card out of the SIM holder ④.



Battery Disposal

In order to protect the environment, please read the following points concerning battery disposal:

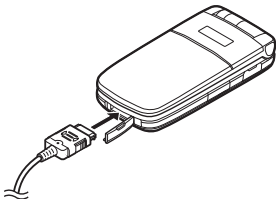
- Take the used battery to your local waste depot, dealer or customer service centre for recycling.
- Do not expose the used battery to an open flame, into water or dispose with the household waste.

Charging the Battery

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

Using the Charger

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



2. Connect the charger to an AC outlet.
When the phone is charging, the animated battery status icon (🔋) in the upper right of the screen displays the current status.
Standard charging time: Approx. 2 hours.

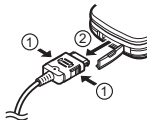
Note

- *Charging time may vary depending on the state of the battery and other conditions. (See “Battery” on page 14.)*

To Disconnect the Charger

When charging is complete, the battery indicator icon displays the full charge status.

1. Unplug the charger from the AC outlet.
2. Push and hold the side buttons of the charger ①, then disconnect the charger from the external socket of the phone ②. 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 14 for details.*
- *Forcibly disconnecting the charger may cause malfunction.*

To Charge Using the Cigarette Lighter Charger
The optional Cigarette Lighter Charger supplies power for charging from the cigarette lighter socket of a car.






Battery Level Indicator

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

Low Battery During Use

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

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

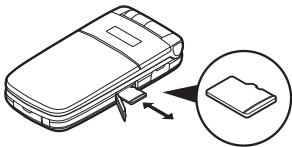
Battery Indicators	Charge Level
	Sufficiently charged
	Partially charged
	Charging recommended
	Charging required
	Empty

Inserting/Removing the Memory Card

Note

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

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



4. Close the cover.

Tip

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



: Appears when the card is inserted.



: Appears when the card is damaged or unusable.
Make sure the card is properly inserted.



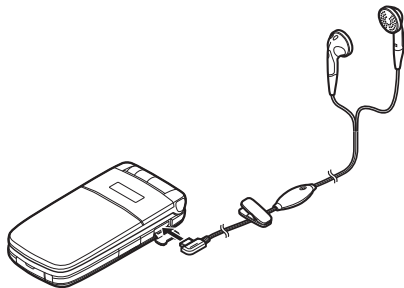
: Appears when the card is being written to or read from.




: Appears when the card is being formatted.

Connecting the Handsfree Kit


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



Turning Your Phone On and Off


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

The standby screen is displayed.

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

To Enter the PIN Code

If the PIN (Personal Identification Number) code is enabled you are asked to enter the PIN code each time the phone is switched on. For details on setting the PIN code, see “Enabling/Disabling the PIN Code” on page 125.

1. Enter your PIN code.
2. Press .

Note

- *If your PIN code is entered incorrectly three times in a row, the SIM card is locked. See “Enabling/Disabling the PIN Code” on page 125.*

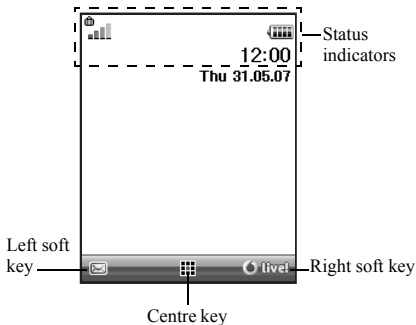
To Copy Contacts List from the SIM Card

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



“Contacts” → “Contacts List” → [Options] → “Advanced” → “Copy All Entries”

1. Select “From SIM to Handset”.

Display Indicators (Main Display)

































Status Indicators











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



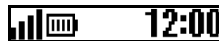
GPRS within range and enabled/
Roaming outside network/GPRS within
range, enabled and roaming

2.  : Call incoming
3.  : Call in progress
4.  /  : CSD/GPRS in progress
5.  : Fax communication in progress
6.  : “Diverts” (p. 115) set to “All Calls”
7.  /  : Secure WAP page displayed
8.  /  : Text message alerts [unread/mailbox full]
9.  /  : Multimedia message alerts [unread/mailbox full]
10.  /  : Email alerts [unread/mailbox full]
11.  : USB Data Cable connected






12.  /  : *Bluetooth* wireless setting [enabled/communicating]
13.  /  : Java™ application [executed (colour)/suspended (grey)]
14. (No display) /  /  /  /  /  :
Current profile [Normal/Meeting/
Activity/Car/Headset/Silent]
15.  : T9 text input method enabled
16.  /  /  /  :
Current text input method [First letter
upper case/Upper case/Lower case/
Numeric]
17.  : Memory card inserted

18.  : Battery level
19.  /  /  : “Ringer Volume” (p. 106) set to “Silent”/Vibration enabled (p. 107)/
Vibration enabled and sound deactivated
20.  : Daily alarm enabled
21.  /  : Schedule entry enabled [with/without a reminder alarm]
22.  : Outbox contains unsent multimedia messages
23.  : WAP alert
24.  : Voicemail message alert

Display Indicators (External Display)










Status Indicators

1.  : Strength of received signal
2.  : Battery level
3.  : USB Data Cable connected
4.  /  : *Bluetooth* wireless connection [enabled/communicating]

Navigating Functions

All applications are accessed from the Main menu. To open the Main menu, press the centre key (■) during 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 commit your selection.

In certain procedures, you will need to press one of the soft keys (indicated in square brackets), which are displayed at the bottom 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 select. Open subsection items after opening those listed in the main section.

Example:

“Contacts” → ***“Contacts List”*** → ***[Options]*** → ***“Advanced”***


Call Functions

Making a 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 [Clear] 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 available on all mobile phone networks when certain network services and/or phone features are in use. Contact your network operator for more information.*
- *This Emergency number can normally be used to make an emergency call in any country, with or without a SIM card inserted, if a GSM network is within range.*



International Calls

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

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 .

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

1. To dial a number using the speed dial, press and hold any of the digit keys ( to ).
The phone number stored in the Speed Dial List is dialled.


Redialling

You can redial numbers in the call log. Select from specific categories or “All Calls”. Specific category contains up to 10 numbers and the “All Calls” list contains up to 30.

1. Press  during standby.
2. Press  or  to switch logs between “All Calls”, “Dialled Numbers”, “Missed Calls” and “Received Calls”.
3. Highlight the phone number you wish to call.
4. Press  to redial the call.

Automatic Redialling

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

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

To Set the Auto Redial Function

“Settings” → “Call Settings” → “Auto Redial”



1. Select “On” or “Off”.


Note

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

Answering a Call

When an incoming call is detected, the phone rings.


1. Press ,  or [Answer] to answer the call.

Or press any key except  and [Busy] when the “Any Key Answer” function is enabled. Set the Any Key Answer function in the profile of each mode. (p. 111)

Tip

- When the Personal Handsfree Kit (option) is connected to the phone, you can answer calls by pressing the Answer button.
- If you have subscribed to the Calling Line Identification (CLI) service and the caller's network sends the number, the caller's number is displayed on the screen. If the caller's name and number are stored in the Contacts List, the caller's name and phone number are displayed on the screen.
- If the number is a restricted number, the display shows “Withheld”.
- When receiving a call from the person whose picture is registered in the Contacts List, receiving display and the picture are displayed alternately.

Rejecting an Incoming Call

1. Press  or press and hold the side-up or side-down key 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.

Incall Menu

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

Adjusting the Earpiece Volume

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

1. During a call, press the side-up or side-down key to display the Earpiece Volume screen.
2. Press the side-up key (or ) to increase the volume of the call or press the side-down key (or ) to decrease the volume.
Five levels (level 1 to 5) are selectable.
3. Press  when the volume is set to the desired level.
The phone returns to the incall screen automatically if left unused.

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].
2. Select “Hold”.

The current call is put on hold.

To retrieve a call, press [Options] and select “Retrieve”.

3. Enter the phone number you wish to make another call to, then press .

Tip

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

Call Waiting

This service notifies you of another incoming call 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.
2. Press [Options] and select “Swap Calls” to switch between the two calls.
3. Press [Options] and select “Release Call” to end the current call and return to the held call.

Note

- You need to set “Call Waiting” to “On” if you use the Call Waiting service (p. 116).
- Call Waiting service may not be available on all networks. Contact your network operator for more information.
- If you do not wish to answer the second call, press [Busy], or press [Options] and select “Busy” or “Reject”, in step 1. If “Reject” is selected, the call log of the second call is saved as a missed call.

Accessing SMS Menu During a Call


1. During a call, press [Options] and select “Text”.
The following options are available: “Create Message” to create an SMS, or “Inbox”, “Sent” or “Drafts” to access these folders. For details on SMS, see “Text (SMS)” on page 70.

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 “Multiparty” to answer the second call.
2. Select “Conference All” to join the conference call.
3. Press  to end the conference call.

Note

- Conference call service may not be available on all networks. Contact your network operator for more information.
- To reject adding more participants to the current party, press [Options] and select “Reject”, or you can send the busy tone by selecting “Busy”.
- You have more options for the Conference call in step 2:
 - To put all participants on hold, select “Conference Hold All”.
 - To put all participants except the current call on hold, select “Private”.
 - To end the call with all participants, select “Release All”.
 - To disconnect from the conference call but still allow the other participants to continue talking together, select “Transfer”.
 - To put the current call on hold and continue to have a conference call with the remaining participants, select “Exclude”.

To Add New Participants to the Conference Call

1. Press [Options] and select “Dial”.
2. Enter the number you wish to include in the conference call and press  to dial.
3. Press [Options] and select “Multiparty”.
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 “Release Call”.

To Have a Private Conversation with One of the Participants

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

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

Muting the Microphone

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

Entering Characters

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

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

Press the following keys to:

- : enter:
.(full-stop) ,(comma) -(hyphen) ? ! ’
(apostrophe) @ : 1
- : enter:
(space)+ = < > € £ \$ ¥ % & 0
- : switch character case among four modes:
Abc, ABC, 123 and abc.
- : enter other characters.

Press and hold the following keys to:

- : enter 0 - 9 numbers.
- : shift between multi-tap and T9 mode.
- : display the language options screen.

Changing the Input Languages

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

1. On the text entry screen, press [Options].
2. Select “Input Language”.
If “Input Language” is not displayed, select “Text Options” and then select “Input Language”.
3. Select the desired language.








Tip

- You can press and hold instead of steps 1 and 2 to display the language options screen.

Changing the Input Method

T9 Text Input


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

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

Note

- If the correct word is not shown in step 6, enter the correct word again after switching to the multi-tap input method.

Tip

- If you press  instead of step 7, a space is inserted next to the selected word.

Symbols and Punctuations

1. On the text entry screen, press [Options].
2. Select “Add Symbol”.
If “Add Symbol” is not displayed, select “Text Options” and then select “Add Symbol”.
3. 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].
2. Select “My Dictionary”.
If “My Dictionary” is not displayed, select “Text Options” and then select “My Dictionary”.
3. Select “Add New Word” and enter a new word.

To edit a word in the list

1. On the text entry screen in T9 mode, press [Options].
2. Select “My Dictionary”.
If “My Dictionary” is not displayed, select “Text Options” and then select “My Dictionary”.
3. Highlight the desired word.
4. Press [Options] and select “Edit”.
5. Modify the word.

Tip

- *You can also carry out the following steps to register a new word in the list for T9 text input.*
 1. Enter a (part of) word in T9 mode you wish to register.
 2. Press [Options].
 3. Select “My Dictionary”.
If “My Dictionary” is not displayed, select “Text Options” and then select “My Dictionary”.
 4. Modify the word.

Using Text Templates

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



For details on creating the text template, see “Adding Phrases to Text Templates” on page 88.

1. On the text entry screen, move the cursor to the point you wish to insert the template.
2. Press [Options].
3. Select “Add Text Template”.
If “Add Text Template” is not displayed, select “Text Options” and then select “Add Text Template”.
4. Select the desired text template.
The selected text template is inserted.


Using the Menu

Accessing Applications



1. Press  during standby.
The Main menu is displayed.
2. Navigate to required location.
3. Press  to access function.

Shortcut Keys

You can shortcut to the specified menus by pressing  and digit keys for the menu's corresponding number on the Main menu. See the List of Menu Functions on page 19 for reference.

Shortcuts are listed in the headings of this manual. For example: "M 9-7".

Example: To Access "Language" Sub Menu
Using Shortcut Keys

Press   .

Note

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

Contacts (M 8)

Contacts List (M 8-1)

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

Depending on the size of the entry, your phone can store up to approximately 500 entries. In a Contacts List, you can store the following items.

Items stored in the handset memory

First Name

Last Name

Tel Mobile

Tel Private

Tel Office

Email Private

Email Business

Group

Address (Street & Number, Postal Code, City, State/
Province, Country)

Note

Items stored in the SIM memory

Name: The number of characters that can be stored differs depending on the SIM card you use.

Phone: Up to 40 digits

Using the *Bluetooth* wireless function, you can send the Contacts List to a PC and save to prevent loss.

Selecting the Storage Memory

“Contacts” → “Contacts List” → [Options] → “Advanced” → “Save New Contacts”

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

Tip

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

Changing the List Displayed

“Contacts” → “Contacts List” → [Options] → “Advanced” → “Contacts Location”

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

Changing the Name Order

“Contacts” → **“Contacts List”** → **[Options]** → **“Advanced”** → **“Name Order”**

1. Select from “First - Last name” or “Last - First name”.

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 44.

The amount of phone numbers that you can store to the SIM card is dependent on its capacity. Contact your network operator 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. If you create a new entry on the SIM card, you need to enter a phone number.

Adding a Thumbnail to Entries

Only Contacts saved to the handset can have Thumbnails attached to them.

“Contacts” → **“Contacts List”**

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

Note

- From the *Contacts List* entry that has a thumbnail added, you can change or delete it by selecting “Change” or “Remove” after step 3.
- If you delete a picture in *Saved Pictures*, the corresponding thumbnail is also deleted.

Copying Contacts List Entries between SIM Card and Handset

“Contacts” → “Contacts List” → [Options] → “Advanced” → “Copy All Entries”

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

The confirmation screen appears automatically, asking you if you wish to copy or not.

Note

- *When you insert the SIM card into your phone for the first time and start the Contacts List application, the confirmation screen appears automatically, asking you if you wish to copy or not. The number of Contacts List entries to be copied varies depending on the SIM capacity.*

Copying a Single Entry from Handset to SIM Card

“Contacts” → “Contacts List”

1. Select the desired entry.
2. Highlight the desired phone number.
3. Press [Options] and select “Copy to SIM”.

Finding a Name and Number

“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 Memory”, “SIM Memory” or “Both” before searching.*
- *To view the details of the item such as address, highlight the desired item, press [Options] and select “View”.*

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, select the desired phone number after step 1 and press . You can also dial the desired phone number by pressing the digit key corresponding to the position the entry is on the list.
- 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”** → **[Options]** → **“Edit/Add Details”**

1. Select the field you wish to edit, and modify the information.
2. Press [Save] when finished.

Deleting Contacts List Entries

Deleting All Contact Entries

“Contacts” → **“Contacts List”** → **[Options]** → **“Advanced”** → **“Delete All Entries”**

1. Enter your handset code.
2. Select “Handset Entries” or “SIM Entries”.
The confirmation screen appears automatically, asking you if you wish to delete or not.
The default handset code is “0000”. For details on changing the handset code, see “To Change Handset Code” on page 126.

Deleting a Contact Entry


“Contacts” → **“Contacts List”**

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

Viewing Groups

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

“Contacts” → **“Contacts List”** → **[Options]** → **“Advanced”** → **“Group”** → **“View Groups”**

1. Select the desired group.
“” appears next to the selected group. Select the group again to cancel, and the checkbox becomes unchecked.

Note

- *This menu is available when the Contacts location is set to “Handset Memory”.*

Tip

- *Press [Options] and select “Current Only” to view only the selected group or “Select All” to view all groups.*

Group Call

Different ringtones can be set for each group. When you purchase this phone, groups are set to off. If you do not set a group ringtone, the ringtone assigned in the Settings menu is used.

“Contacts” → “Contacts List” → [Options] → “Advanced” → “Group” → “Group Call”

1. Select the desired group.
2. Select “Switch On/Off”.
3. Select “On” or “Off”.
4. Select “Assign Ringtone”.

5. Select “Preset Sounds” or “My Sounds”.

6. Select the desired ringtone.

For details on selecting a ringtone, see “Assigning Ringtone” on page 107.

7. Select “Vibration” and select from “On” or “Off”.
For details on selecting a vibration, see “Vibration” on page 107.

8. Press [OK].

Note

- *This menu is available when the Contacts location is set to “Handset Memory”.*

Assigning a Ringtone to Each Contacts List Entry

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

“Contacts” → “Contacts List”

1. Select the desired entry.
2. Press [Options] and select “Edit/Add Details”.
3. Press [Options] and select “Ringtone”.
4. Select “Switch On/Off”.
5. Select “On” or “Off”.
6. Select “Assign Ringtone”.
7. Select “Preset Sounds” or “My Sounds”.
8. Select the desired ringtone.
For details on selecting a ringtone, see “Assigning Ringtone” on page 107.
9. Select “Vibration” and select from “On” or “Off”.
For details on selecting a vibration, see “Vibration” on page 107.
10. Press [OK].
11. Press [Save].

Memory Status

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

“Contacts” → “Contacts List” → [Options] → “Advanced” → “Memory Status”

Speed Dial List

You can set a maximum of 8 phone numbers in the Speed Dial List (p. 53).

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 list number.

Tip

- The nine digit keys correspond to list numbers.
- To view the speed dial list, see page 53.

Sending a Contacts List Entry

“*Contacts*” → “*Contacts List*”

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

For “Via Bluetooth”

The phone starts searching for *Bluetooth* wireless technology enabled devices within 10 metres.

When detected, a list of enabled devices is displayed allowing you to select the desired device. The connection can be established and the entry is sent.

Note

- *When pairing, you need to enter your passcode when establishing contact with a Bluetooth wireless technology enabled device for the first time except when “Authentication” (p. 104) is set to “Off”.*

Tip

- *You can send your own Contacts List entry. Highlight “My Card” in step 1. For details on storing your information in My Card, see “Registering Your Information as a Contacts List Entry” on page 51.*

Receiving a Contacts List Entry

When the phone receives a Contacts List entry, a confirmation message appears.

1. Press [Yes].

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

Tip

- *For details on making Bluetooth wireless settings, see “Connectivity” on page 102.*

Registering Your Information as a Contacts List Entry

You can store your information in the Contacts List.

“Contacts” → “Contacts List” → “My Card”

1. Press [Options] and select “Edit/Add Details”.
2. Select the field you wish to fill in, and enter the relevant information.
3. Press [Save] when finished.


Dialling a Service Phone Number

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

“Contacts”

1. Select “Service Dialling No.”.
2. Select the desired service phone number.

Tip



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

Call Log (M 8-2)

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


Viewing Call Log

“Contacts” → “Call Log”


1. Press  or  to switch logs between “All Calls”, “Dialled Numbers”, “Missed Calls” and “Received Calls”.

The selected call log list is displayed.

2. Select the phone number you wish to view.

If you wish to dial the number, press .

Tip

- You can also confirm call logs by pressing  during standby mode.

Sending Messages

1. In call log list, highlight the call log you wish to send a message to.
2. Press [Options] and select “Create Message”.
3. Select “Multimedia”, “Text” or “Postcard”.

For details on creating a message, see “Creating a New MMS” on page 64 or “Creating and Sending a New SMS” on page 71.

Note

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

Deleting a Call Log

1. In call log list, highlight the call log you wish to delete.
2. Press [Options] and select “Delete”.

Speed Dial List (M 8-3)

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

“Contacts” → “Speed Dial List”

The names and phone numbers stored in the Speed Dial List are displayed in order.

My Numbers (M 8-4)

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

“Contacts” → “My Numbers”

1. Select the phone number you wish to check from “Voice”, “Data” or “Fax”.

Note

- “Data” or “Fax” may not be displayed depending on the SIM card.

Call Timers (M 8-5)

This function lets you check the duration of your calls.

Checking the Duration of the Last Call and All Calls

“Contacts” → “Call Timers”

1. Select “Received Calls” or “Dialled Numbers”.

The duration of the last call and all calls are displayed.

Resetting All Call Timers

“Contacts” → “Call Timers” → “Clear Timers”

Data Counter (M 8-6)

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

“Contacts” → “Data Counter”

1. Select from “Last Data” or “All Data”.

Resetting All Data Counter

“Contacts” → “Data Counter” → “Clear Counter”

Call Costs (M 8-7)

This function lets you check the charges for your calls.

Some networks do not support Charging Advice.

Please check with your service provider for availability.

Checking the Cost of the Last Call

“Contacts” → “Call Costs” → “Last Call”

The cost of the last call is displayed.

Checking the Total Call Cost

“Contacts” → “Call Costs” → “All Calls”


The cost of all calls is displayed.

Setting the Charge Rate

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

“Contacts” → “Call Costs” → “Costs Units” → “Set Units”

1. Enter your PIN2 code.
2. Enter a cost per unit.

To enter a decimal point, press .


3. Enter a currency unit (up to 3 characters).

Setting the Charge Limit

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

“Contacts” → “Call Costs” → “Max Cost” → “Set Limit”

1. Enter your PIN2 code.
2. Enter a value.

To enter a decimal point, press .

Resetting All Call Costs

“Contacts” → “Call Costs” → “Clear Costs”

1. Enter your PIN2 code.

Checking the Residual Credit

“Contacts” → “Call Costs” → “Residual Credit”

Camera (M 5)

Your phone has an integrated digital camera.

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

Take Picture (M 5-1)

Put the phone into the digital camera mode to take a picture. Pictures are saved in Saved Pictures in JPEG format in the following six picture sizes.

1200 × 1600 dots/960 × 1280 dots/



768 × 1024 dots/480 × 640 dots/

240 × 320 dots/120 × 160 dots

Taking Pictures

“Camera” → “Take Picture”



The preview is displayed through the screen.

1. Press  or the side-down key to take the picture.
The shutter sounds and the still image of the taken picture is displayed. Press [Cancel] to retake a picture.
2. Press [Save].
“Saving (file name) to My Items...” is displayed, then the picture is registered.
3. Press  to return to standby.

Remaining shots indicator

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

Tip


- If you wish to send a picture by multimedia message after taking the picture, press  before step 2. Then select “Multimedia” or “Postcard”. (The Postcard service is not available with some service providers. Please contact your service provider for more information.) Large MMS messages may cause the size of attached pictures to be reduced.
- If you wish to set the focus for the picture subject, press , and the focus will be locked. You can then change the picture composition and take the picture.

Using the Full Screen

The preview can be displayed on the full screen without the soft key area and indicators.

“Camera” → “Take Picture” → [Options] → “Full Viewfinder”


1. Select “On” or “Off”.

[Options] is not displayed if “On” is selected. Press  when you need the option menu.



Note

- When “Picture Size” is set to “120*160”, you cannot use the full screen.

Tip

- You can turn on/off full screen mode by pressing .

Using the Zoom Function

Press  or  to change the zooming ratio.

Zooming ratio indicators

  ...: Magnification.

Note

- The number of magnifications will vary depending on the “Picture Size” setting.

Selecting the Picture Size

“Camera” → “Take Picture” → [Options] → “Picture Size”




1. Select the desired picture size.

Selecting the Picture Quality

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

1. Select “Normal”, “Fine” or “SuperFine”.

Picture quality indicators

 : Super fine
 : Fine
 : Normal

Selecting the Anti-flicker Mode

“Camera” → “Take Picture” → [Options] → “Anti-flicker”

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

Note

- *Vertical stripes may occur on the picture due to the light source. Change the anti-flicker mode to rectify.*
- *The digital camera uses a C-MOS sensor. Although this camera has been manufactured to the highest specifications, some pictures may still appear too bright or too dark.*
- *If the phone has been left in a hot place for a long time before taking or registering a picture, the picture quality may be poor.*

Selecting the Storage Memory

Select the appropriate option.

“Camera” → “Take Picture” → [Options] → “Save New Pictures”

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

Note



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

In the Case of No Available Memory






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

When the number of pictures that can be taken becomes 0, and when you try to take a picture again, “Memory full. Please delete some data!” is displayed.

Adjusting the Brightness of the Picture According to Lighting Conditions

Press  or  to adjust the brightness of the picture.

Picture brightness (exposure level) indicators

    : (Bright → Normal → Dark)

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

Viewing the Taken Pictures

“Camera” → “Take Picture” → [Options] → “My Pictures”

The list of pictures is displayed.

1. Select the file you wish to view.
The selected picture is displayed.




Tip


- Your pictures are given file names which are “pictureNNN” (NNN is a consecutive number). The file name (without an extension), date and size of your pictures are displayed in the list.

Using the Timer (Delay Timer)






“Camera” → “Take Picture” → [Options] → “Delay Timer”

1. Select “On” or “Off”.

When you select “On”,  is displayed on the screen and the phone returns to digital camera mode. Note, however, that if “Continuous Shoot” on page 59 is activated,  is displayed instead of .

2. Press  or the side-down key to start the delay timer.
10 seconds after the timer sounds, the shutter sounds, and the camera takes a picture.

Note

- The countdown sounds while the delay timer is operating.
- If  or the side-down key is pressed while the delay timer is operating, the picture is taken instantly.
- The zoom function with  or , or brightness adjustment of the picture with  or , is unavailable while the delay timer is operating.
- If you wish to stop taking pictures with the timer, press [Cancel] while the delay timer is operating.


Continuous Shoot

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


Continuous Shoot indicators




When pictures are taken in Continuous Shoot mode, these indicators appear on the screen.

- * When delay timer and Continuous Shoot functions are simultaneously set, “” is displayed instead.

“Camera” → “Take Picture” → [Options] → “Continuous Shoot”

1. Select “Auto Shoot” or “Manual Shoot”.
Select “Off” to cancel.
2. Press  or the side-down key to start Continuous Shoot.

Auto Shoot: Four pictures are taken in a row.

Manual Shoot: Pictures are taken one by one by pressing  or the side-down key.

The taken pictures are saved automatically.

To stop Continuous Shoot, press [Cancel].

Note

- When “Picture Size” is larger than “480*640”, you cannot use the Continuous Shoot function.
- When you select a frame for taking pictures, you cannot use the Continuous Shoot function.
- Delay timer cannot be used with the Manual Shoot function.

Selecting a Frame

You can select the frame from preset patterns. You can also select a frame in Saved Pictures.

“Camera” → “Take Picture” → [Options] → “Add Frame”

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

The selected frame is confirmed on the display.

3. Press .

Note

- When “Picture Size” is larger than “480*640”, you cannot use the Frame function.
- When you activate the Continuous Shoot, you cannot use the Frame function.

Selecting the Shutter Sound

You can select the shutter sound from 3 preset patterns.

“Camera” → “Take Picture” → [Options] → “Shutter Sound”

1. Select the desired shutter sound.

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

Note

- *Continuous Shoot uses the specialised shutter sound that cannot be changed for the above settings.*

Record Video (M 5-2)

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

Video clips are saved in “.3gp” format in the following two modes:

Record size indicators



: Message sending mode enabled




: Extended video mode enabled

Recording Video Clips


Sound can be recorded with the video clip.

“Camera” → “Record Video”

The preview is displayed through the screen.

1. Press  or the side-down key to start recording the video clip.

The sound for recording the video clip occurs.

If you press  or the side-down key again, or when the recording is completed, the sound for ending the video clip recording occurs and the display transits to step 2.

2. Select “Save”.

“Saving (file name) to My Items...” is displayed, then the video clip is registered.

To preview a video clip before saving, select “Preview”.



To send a video clip by multimedia message after recording the video clip, select “Save and Send”.

To record a video clip again, press [Cancel].

Remaining sets indicator

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

Using the Zoom Function

Press  or  to change the zooming ratio.

Zooming ratio indicators

  ...: Magnification.

Note

- The number of magnifications will vary depending on the “Record Size” setting.

Selecting the Recording Size Mode

You can select the recording size mode.

“Camera” → “Record Video” → [Options] → “Record Size”

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

Note

- If “For Message” is selected, the size of the video clip that can be recorded depends on the message size set in MMS settings (p. 68).
- “Save and Send” is not displayed after recording in extended video mode.

Selecting the Picture Size

“Camera” → “Record Video” → [Options] → “Picture Size”




1. Select the desired picture size.

Selecting Video Quality

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

1. Select “Normal”, “Fine” or “SuperFine”.

Video quality indicators

 : Super fine
 : Fine
 : Normal

Selecting the Anti-flicker Mode

“Camera” → “Record Video” → [Options] → “Anti-flicker”

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

Note

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

Selecting the Storage Memory

Select the appropriate option.

“Camera” → “Record Video” → [Options] → “Save New Videos”

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

Note



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

In the Case of No Available Memory






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

When the number of video clips that can be recorded becomes 0, and when you try to record a video clip again, “Memory full. Please delete some data!” is displayed.

Adjusting the Brightness of the Video Clips According to Light Conditions

Press  or  to adjust the brightness of the video clip.

Picture brightness (exposure level) indicators


     : (Bright → Normal → Dark)

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


Viewing Recorded Video Clips


“Camera” → “Record Video” → [Options] → “My Videos”

The list of video clips is displayed.

1. Select the file you wish to view.
2. Press .





The selected video clip is played back.

To pause playback, press .

To resume playback, press  again.

To stop playback, press [Back].

Tip

- Your video clips are given file names such as “videoNNN” (NNN is a consecutive number). The file name (without an extension), date and size of your video clips are displayed in the list.
- If the video clip has been recorded with sound, the volume can be adjusted by pressing  (or /the side-up key) or  (or /the side-down key).
- The volume varies depending on the Multimedia Volume settings (p. 110). The sound is deactivated when “Multimedia Volume” is set to “Silent”.


Using the Timer (Delay Timer)

To Record a Video Clip with the Timer

“Camera” → “Record Video” → [Options] → “Delay Timer”






1. Select “On” or “Off”.

When you select “On”, “” is displayed on the screen and the phone returns to video camera mode.

2. Press  or the side-down key to start the delay timer.

10 seconds after the timer sounds, the camera starts recording the video clip.

Note

- *The countdown sounds while the delay timer is operating.*
- *If  or the side-down key is pressed while the delay timer is operating, the video clip is recorded instantly.*
- *The zoom function with  or , or brightness adjustment of the video with  or , is unavailable while the delay timer is operating.*
- *If you wish to stop recording video clips with the timer, press [Cancel] while the delay timer is operating.*

Recording Video Clips with Sound

“Camera” → “Record Video” → [Options] → “Voice Record”

1. Select “On” or “Off”.

Messages (M 4)

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

Multimedia (MMS) (M 4-2)


About Multimedia Messaging

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

Note

- *Some MMS functions may not always be available depending on your network. Contact your network operator for more information.*

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

 → “Multimedia” → “Create Message”

1. Enter the message.

To use the text template, move the cursor to the point you wish to insert the template. Press [Options] and select “Text Options”. Select “Add Text Template” and then select the desired template.


2. Select the desired recipient from the Contacts List entries.

If the desired entry does not exist, select “Enter Number” or “Enter Email Address” and enter the phone number or Email address.

3. Select “Send”.

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

Note


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

Tip

- To save the message without sending, select “Save to Drafts” instead in step 3.
- To enter the subject, select “Subject” in step 3 and enter it. Up to 40 characters as the subject (and up to 20 recipients (for To and Cc)) can be entered. However, these may be limited depending on your network. In this case, you may not be able to send MMS. Contact your network operator for more information.
- To add more recipients, select “Add Contact” in step 3. Select “To” or “Cc” and select the desired number of the recipient. Then enter the phone number or Email address.

To Send a Message Template MMS

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

 → “Multimedia” → “Create Message” → [Options] → “Message Template”

A confirmation screen asking whether you wish to discard the current text is displayed.

1. Confirm by selecting [Yes] or [No].
2. Select the desired template.
3. Enter the message.

4. Select the desired recipient from the Contacts List entries.


If the desired entry does not exist, select “Enter Number” or “Enter Email Address” and enter the phone number or Email address.

5. Select “Send”.

Note

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

Turning the Slide Show Setting On or Off

 → “Multimedia” → “Settings” → “Slide Show”

1. Select “On” or “Off”.

If You Select “On”

- You can create messages which have up to 10 slides. Each slide can contain one picture, one sound file and up to 1000 characters of text (up to the message total 100 KB or 300 KB limit).


- If you wish to add a slide to a single slide, press [Options] and select “Add Slide”.
If you wish to perform slide operations for multiple slides, press [Options] and select “Slide Control”.
The slide control options available are:
Add: To add a new slide.
Remove: To remove the active slide.
Previous: To navigate to the previous slide.
Next: To navigate to the next slide.
- Video clip data cannot be attached as slide data to the message.

If You Select “Off”

- You can attach a maximum of 20 pictures, sounds or video clips and up to 2000 characters of text (up to the message total 100 KB or 300 KB limit).

Inserting Attached Data

You can send pictures, sounds and video clips attached to multimedia messages. When attaching video clips, “Slide Show” must be set to “Off”.

 → “Multimedia” → “Create Message” → [Options]

1. Select from “Picture”, “Sound” or “Video”.
2. Select from “Saved Pictures”, “Saved Sounds” or “Saved Videos”.

3. Select the desired file.

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

- To add more files, press [Options] and select from “Add Picture”, “Add Sound” or “Add Video”. Then select from “Saved Pictures”, “Saved Sounds” or “Saved Videos”, and select the desired file.
- To remove the attached files, press [Options] and select “Remove”.


Note

- Pictures/Sounds/Video clips protected with a copyright cannot be sent attached to a message.
- Instead of performing step 2, you can send data recorded with “Take Picture”, “Record Voice” or “Record Video” options.

Reading MMS

Messages you receive are stored in the Inbox.

Incoming Messages

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

 → “Multimedia” → “Inbox”

1. Select the message you wish to view.
The message is displayed.
2. Scroll the screen to read the message.

Tip

- The volume varies depending on the Multimedia Volume settings (p. 110). The sound is deactivated when “Multimedia Volume” is set to “Silent”.


Storing the Phone Number or Email Address of a Sender in the Contacts List

 → “Multimedia” → “Inbox”

1. Highlight the message from which you want to store the phone number or Email address.
2. Press [Options] and select “Save Sender”.
For details on entering a name, see “Add New Contact” on page 45.


Retrieving MMS

 → “Multimedia” → “Inbox”

When “” is in the Inbox, the following can be done.

1. Highlight the alert you wish to download.
2. Press [Options] and select “Download”.

Tip

- You can press  instead of step 2 to start downloading.

Confirming Arrival of Delivery Report

 → “Multimedia” → “Sent”

1. Highlight the message of which you wish to confirm arrival of delivery report.
2. Press [Options] and select “Delivery Report”.

This menu is available only for sent messages that have the “Delivery Report” set to “On”. For details on selecting “Delivery Report”, see “Setting Up MMS” on page 68.

Setting Up MMS

 → “**Multimedia**” → “**Settings**”

1. Select the item you wish to set up.

- **Roam. Download (Immediate, Deferred):**
Controls MMS download timing when roaming outside of your network.
Immediate: Downloads MMS immediately from the server.
Deferred: Asks if you would like to download from the server.
- **Delivery Rep. Allow (On, Off):**
Enables or disables Delivery Report when receiving a message which applies to the Delivery Report function.
- **Anonymous Reject (On, Off):**
Rejects a messages from an unknown or empty address name or not.
- **Auto Delete (Off, Inbox, Sent, Both):**
Deletes the oldest message automatically, when the Inbox, Sent or both (Inbox and Sent) is full.

- **Slide Show (On, Off):**
Enables or disables Slide Show when sending a message.
- **Message Size (100 KB, 300 KB):**
Sets the maximum message size that can be sent.
- **Advanced**
 - **Priority:**
Prioritises created messages.
 - **Delivery Report:**
Enables Delivery Report.
 - **Expiry Time:**
Sets Expiry Time for a message to be stored in the Server.
 - **Sender Visibility:**
Displays the information about the sender.
 - **Slide Interval:**
Sets the slide display time when sending a message.

2. Change each item.

Sending a Picture File with Postcard


Your phone allows you to send multimedia messages to a Vodafone specific Postcard service centre that prints the picture and mail 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 20 for menu references.

 → **“Multimedia”** → **“Postcard”**

1. Select “Saved Pictures”.
2. Select a picture you wish to use for a postcard.
3. Enter your message.
4. Select the desired recipient from the Contacts List entries and enter the following information.
If the desired entry does not exist, select “Enter Address” and enter the following information.

See the note below for details.

- | | |
|------------------|-------------|
| • Name | • City |
| • State/Province | • Address |
| • Country | • Post Code |

5. Press [Options] and select “Send”.

Note

- *Instead of performing step 1, you can use data taken with the “Take Picture” option.*
- *The items Name, Address and City are necessary to complete sending Postcards.*
- *Information for a recipient*
 - Name (mandatory):*
Name of the recipient for a postcard up to 50 characters
 - Address (mandatory):*
Address up to 50 characters
 - Post Code (optional):*
Post code up to 20 characters
 - City (mandatory):*
City up to 50 characters

State/Province (optional):

State, province, and region up to 50 characters

Country (optional):

Country up to 20 characters

- *The items displayed differ according to the service. Please contact your service provider for more information. When the item, “Country” is not displayed, you cannot send Postcards overseas.*
- *Files in Animation GIF format cannot be used for the Postcards service.*
- *The picture quality of Postcards varies depending on the picture size.*

Text (SMS) (M 4-3)

About Text Messaging

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


To Use SMS with Your Phone

Messages longer than 160 characters may be composed. During sending, the messages are split. If the receiver has a suitable phone the message recombines when received, if not your message will be separated into several messages.

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

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

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

 → “Text” → “Create Message”

1. Enter your message.

To use the text template, move the cursor to the point you wish to insert the template. Press [Options] and select “Add Text Template” and then select the desired template.

2. Select the desired recipient from the Contacts List entries.

If the desired entry does not exist, select “Enter Number” and enter the phone number.

3. Select “Send”.

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

To save the message in the Drafts box without sending it, select “Save to Drafts”.

Note


- When you send a message of more than 160 characters, the confirmation message is displayed.


Tip



- To add more recipients, select “Add Contact” in step 3. Select an item number for adding the recipient's phone number. Then enter the phone number.

Reading SMS

Incoming Messages

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


1. When you receive a SMS, press  during standby.
2. Select the message you wish to view.

The sender's phone number and a part of the message are displayed. When the sender's phone number is stored in the Contacts List, the sender's name is displayed instead of the phone number. Messages that are marked with “” denote unread messages. If the Inbox, Sent box or Drafts box is full, “” is displayed. Delete unnecessary messages.

3. Scroll the screen to read the message.

Extracting Phone Numbers from the Received Messages and Making a Call

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


 → “Text” → “Inbox”


1. Select the message from which you wish to extract phone numbers.

2. Press [Options] and select “Extract Numbers”.
Telephone numbers embedded in the message are displayed.
3. Highlight the phone number.
4. Press [Options] and select “Make Call”.
To save this phone number in the Contacts List, select “Save Number”.

Setting Up SMS (M 4-3-5)

To Set Up the Service Centre Address


 → “Text” → “Settings” → “Message Centre”

1. Enter the centre phone number.
If you wish to enter a country code for a message to an international number, press and hold  until a “+” sign is displayed.

Message Lifetime


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

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

 → “Text” → “Settings” → “Message Lifetime”


1. Select the validity period.

Message Format

 → “Text” → “Settings” → “Message Format”

1. Select the message format.

Connection Type

 → “Text” → “Settings” → “Connection Type”

1. Select the connection type.

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”.

 → “Text” → “Settings” → “Optimisation”

1. Select “On” or “Off”.

Email (M 4-4)


About Email Messaging

The Email service allows you to send and receive Email messages. Email messages of up to 2000 characters can be sent. The size of the Email messages to be received depends on Email settings.

Note

- *You cannot send Email messages with files attached. If you forward Email messages with files attached, the attached files are deleted.*

Creating a New Email Message

 → “Email” → “Create Message”

1. Enter the message.
2. Select the desired recipient from the Contacts List entries.


If the desired entry does not exist, select “Enter Email Address” and enter the Email address.

3. Select “Send”.

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

Note

- *If a message cannot be sent for some reason, the message stays in the Outbox. To re-send the message, carry out the following:*

 → “Email” → “Outbox”


1. Highlight the desired message.
2. Press [Options] and select “Re-send”.

Tip

- *You can use the text template to make it easier to complete the message, and you can add your signature at the end of the message. To use the text template, move the cursor to the point you wish to insert the template. Press [Options] and select “Add Text Template”. Select the desired template.*
- *To add the signature, press [Options] and select “Add Signature”. Select the desired signature.*
- *Select “Save to Drafts” instead in step 3 to save the message without sending.*
- *Select “Subject” in step 3 to enter the subject. Up to 40 characters as the subject can be entered.*
- *Select “Add Contact” instead in step 3 to add more recipients (up to 30 recipients (for To, Cc and Bcc)). Select “To”, “Cc” or “Bcc” and select or enter the desired address of the recipients.*

Reading an Email Message


Incoming Messages

The Email indicator () will appear when there are unread messages.


 → **“Email”** → **“Inbox”**

1. Select the message you wish to view.
2. Scroll the screen to read the message.

Tip

- If you wish to download Email messages, press  during standby and select **“Email”**. Then select **“Check Email”**.


Storing the Email Address of a Sender in the Contacts List

 → **“Email”** → **“Inbox”**

1. Highlight the message from which you want to store the Email address.
2. Press [Options] and select **“Save Sender”**.

For details on entering a name, see **“Add New Contact”** on page 45.

Setting Up Email (M 4-4-7)

 → **“Email”** → **“Settings”**

1. Select the item you wish to set up.
 - **Download Size (Whole Message, First 20KB):**
Controls the download size of the Email. The **“Whole Message”** option is limited to a maximum of 300 KB.
 - **Edit Signature:**
Opens the text template screen to edit the signature.
 - **Auto Delete (Off, Inbox, Sent, Both):**
Deletes the oldest message automatically when the Inbox, Sent or both (Inbox and Sent) is full.
 - **Reply Message (Incl. Original Mail, Excl. Original Mail):**
Includes or excludes the original message when replying.

Alert Inbox


Displays a list of WAP push messages. You can receive push messages via WAP Services. This means that a service provider sends WAP content to your phone, without any set up.

Cell Broadcasts

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


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

Enabling/Disabling Cell Broadcasts

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

1. Select “On” or “Off”.


Reading Cell Broadcast Messages

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


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

Setting Languages

You can select your preferred language for the cell broadcast message display.


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

The current language is displayed.

1. Press .
The language list is displayed.
2. Select the desired language.
3. Press [Save].

Subscribing to Cell Broadcasts

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

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

1. Select “Add/Remove”.
If “Add/Remove” is not displayed on the screen, press [Options].
2. Select the desired page.
3. Press [Save].

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.

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.

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


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

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


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











Starting the WAP Browser

1. Press  during standby.

To Exit the WAP Browser

1. Press  to exit the browser.

Navigating a WAP Page

- : Move the highlights around in the screen.
- : Executes the option displayed in the lower centre of the screen.
- : Launches browser option menu.
- : Selects an action displayed in the lower right corner of the screen.
Used to access “Vodafone live!” by opening the browser.
-  (press and hold): Starts the “Go to URL”.
-  to  (press and hold): Launches the Bookmark (WAP) after assigning “Hotkeys” with the “View bookmarks” option of the browser. For details on setting Hotkeys, see “Setting the Hotkeys to Web Page Bookmarks” on page 79.
- : Exits the browser (short press).
Turns off the phone. (press and hold)

Browser Menu

When you are browsing, you can reach browsing options by pressing [Options].

- Select:
Selects the link you wish to see. (“Select” is displayed only when the link is highlighted.)
- Home:
Goes to the homepage you set in the WAP Settings.
- Add bookmark:
Adds the site you are currently browsing to your list of bookmarks.
- View bookmarks:
Displays a list of bookmarks.
- Save items:
Saves pictures, sounds or video clips in the appropriate My Items folder.
- Go to URL:
Inputs the URL of the site you wish to go to.
- History:
Displays a history list.
- Forward:
Moves to the next URL in the history list.

- Reload page:
Refreshes the contents of the WAP page.
- Send URL:
Sends current URL by SMS.
- Advanced...:
 - Show URL:
Displays the URL of the site you are currently browsing.
 - Save page:
Saves the page you are currently browsing to your list of Snap Shots.
 - Snapshots:
Displays a list of Snap Shots.
 - Alert Inbox:
Displays a list of WAP push messages. You can receive push messages via WAP Services. This means that a service provider sends WAP content to your phone, without any set up.
- Settings:
Includes “Downloads”, etc.
- Security:
Sets the security.
- Clear...:
Clears history, cache, etc.
- Restart Browser:
Restarts the browser.
- About ...:
Displays the browser information.

Bookmarks

When you are browsing, press [Options] and select the appropriate option.



To Add a Bookmark

1. Select “Add bookmark”.

To Access Bookmarked Pages

1. Select “View bookmarks”.
2. Select the desired bookmark.

To Edit Bookmarks

1. Select “View bookmarks”.
2. Select “More...”.
3. Highlight a bookmark page you wish to edit.
4. Press [Options] and select “Details”.
5. Edit the title, then press .
6. Edit the URL, then press .
7. Select “Save”.

To Delete Bookmarks

1. Select “View bookmarks”.
2. Select “More...”.
3. Highlight a bookmark page you wish to delete.
4. Press [Options] and select “Delete”.
5. Press [Options] and select “OK”.

Setting the Hotkeys to Web Page Bookmarks

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

1. Select “View bookmarks”.
 2. Select “More...”.
 3. Highlight a bookmark page you wish to edit.
 4. Press [Options] and select “Hotkeys”.
- The list of hotkeys is displayed.
5. Select the number to which you wish to assign hotkeys.
- The list of registered bookmarks is displayed.
6. Select the desired bookmark.

My Items (M 6)

My Items contains several types of picture, music, sound and video clip data. Also included in My Items are Text Templates and recently viewed WAP page addresses. You can also transmit picture, sound and video clip data via *Bluetooth* wireless technology to OBEX-enabled phones.

Note



- *The phone can store approximately 30 MB of data across Pictures, Games & More, Sounds and Videos.*

Pictures (M 6-1)

Pictures that are taken by your phone's camera or images that are downloaded from mobile Internet sites can be managed.

Viewing Pictures

“My Items” → “Pictures” → “Saved Pictures”

1. Press  to display the list from the memory card and  to return to the handset memory.
2. Select the file you wish to view.
The selected picture is displayed.

Using Images as Wallpaper

“My Items” → “Pictures” → “Saved Pictures”

The list of pictures is displayed.

1. Highlight the file you wish to use as wallpaper.
2. Press [Options] and select “Set as Wallpaper”.
3. Specify the area you wish to display using the navigation keys.

Editing Pictures

“My Items” → “Pictures” → “Saved Pictures”

1. Highlight the file you wish to edit.
2. Press [Options] and select “Edit”.
3. Select the desired option:
 - “Rotate”: The picture is rotated 90° anticlockwise. Press [Rotate] again for another 90°.
 - “Adjust Size”: Select the desired option.
 - “Rename”: Rename the file name.
 - “Retouch”: Select the retouching option.
 - “Add Frame”: Select the desired frame pattern.
 - “Add Stamps”: Press [Stamps] and select the desired stamp pattern. Repeat this step to add more patterns.

Note

- The size of pictures that you can retouch is 52 dots [W] × 52 dots [H] minimum.
- The size of pictures that you can add stamps to is 48 dots [W] × 48 dots [H] minimum.
- Images exceeding 240 [W] or 320 [H] are saved as 240 [W] × 320 [H] regardless of the original size.
- “Adjust Size” may not be available depending on the original picture and copyright issued.

Sending a Picture File

“My Items” → “Pictures” → “Saved Pictures”

1. Highlight the file you wish to send.
2. Press [Options] and select “Send”.
3. Select “As Multimedia”, “As Postcard” or “Via Bluetooth”.

For details on creating a message, see “Creating a New MMS” on page 64.

Note

- The Postcard service is not available with some service providers. Please contact your service provider for more information.
- Pictures protected with a copyright cannot be sent attached to a message.
- Pictures stored in a memory card cannot be sent via Bluetooth.

Tip

- For details on transmitting My Items data, see “Sending My Items Data” on page 87.

Saving to Contacts List

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

“My Items” → “Pictures” → “Saved Pictures”

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

To overwrite, select “Existing Contact” and select the data you wish to save to.

If the picture size exceeds 176 dots in width or 220 dots in height, specify the area you wish to display.

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

- For details on entering a name, see “Add New Contact” on page 45.

Uploading Picture Files

You can upload your pictures to the Media Album.

Note

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

“My Items” → “Pictures” → “Saved Pictures”

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

Note

- *Pictures protected with a copyright cannot be uploaded.*

Downloading Picture Files (M 6-1-3)

“My Items” → “Pictures” → “More Pictures”

The picture file download site is displayed.

Games & More (M 6-2)

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

Note

- *Applications can store up to 50 applications.*

Using Applications

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

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

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

Note

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

Downloading Applications

Confirmation Screen

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

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


Note

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

Executing Applications (M 6-2-1)



“My Items” → “Games & More” → “Applications”

Downloaded applications are sequentially displayed from the latest one.

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”.

More Games (M 6-2-2)

“My Items” → “Games & More” → “More Games”

1. Select the application you wish to download.
The WAP browser is started and a confirmation message will appear asking to confirm download.
2. Press  to start downloading.
3. Press  when finished.

Sounds (M 6-3)

The ringtones, the sound files and the AMR data recorded by Voice Recorder are managed in Saved Sounds.

Sound files in the following formats can be played back.

SMAF/Standard MIDI/i Melody/WAVE/AMR/MP3/AAC

Note




- *The extensions which are supported by AAC are mp4/3gp/m4a.*

Tip





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

Playing Back Sound Files

“My Items” → “Sounds” → “Saved Sounds”

1. Press  to display the list from the memory card and  to return to the handset memory.
2. Select the file you wish to play back.
To stop playback, press .

Note

- The volume varies depending on the Multimedia Volume settings (p. 110). The sound is deactivated when “Multimedia Volume” is set to “Silent”. To adjust the volume, press  (or /the side-up key) or  (or /the side-down key).

Using the Sound Files as Ringtone

“My Items” → “Sounds” → “Saved Sounds”

1. Highlight the file you wish to use as ringtone.
2. Press [Options] and select “Set as Ringtone”.
The selected sound is automatically used for the ringtone of the current Profiles.

Note

- Files in the memory card cannot be used for the ringtone.
- Files in AMR or WAVE format cannot be used for the ringtone.

Sending a Sound File with MMS

“My Items” → “Sounds” → “Saved Sounds”

1. Highlight the file you wish to send.
2. Press [Options] and select “Send”.
3. Select “As Multimedia”.
For details on creating a message, see “Creating a New MMS” on page 64.

Note

- Sounds protected with a copyright cannot be sent attached to a message.

Uploading Sound Files

You can upload your sounds to the Media Album.

Note

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

“My Items” → “Sounds” → “Saved Sounds”

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

Note

- *Sounds protected with a copyright cannot be uploaded.*

Downloading Sound Files (M 6-3-3)

“My Items” → “Sounds” → “More Sounds”





The sound file download site is displayed.

Videos (M 6-4)





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

Playing Back Video Clip Files

“My Items” → “Videos” → “Saved Videos”

1. Press  to display the list from the memory card and  to return to the handset memory.
2. Select the file you wish to play back.
3. Press .
To pause, press  again.
To stop playback, press [Back].
To return to the original size, press [×1].

Note

- *The volume varies depending on the Multimedia Volume settings (p. 110). The sound is deactivated when “Multimedia Volume” is set to “Silent”. To adjust the volume, press  (or /the side-up key) or  (or /the side-down key).*

Sending a Video Clip File with MMS

“My Items” → “Videos” → “Saved Videos”

1. Highlight the file you wish to send.
2. Press [Options] and select “Send”.
3. Select “As Multimedia”.

For details on creating a message, see “Creating a New MMS” on page 64.

Note

- *Video clips protected with a copyright cannot be sent attached to a message.*

Uploading Video Clip Files

You can upload your video clips to the Media Album.

Note

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

“My Items” → “Videos” → “Saved Videos”

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

Note

- *Video clips protected with a copyright cannot be uploaded.*

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

“My Items” → “Videos” → “More Videos”

The video clip file download site is displayed.

Sending My Items Data

Choose the appropriate menu. See page 102 (Connectivity) for further information on *Bluetooth* wireless technology.

“My Items” → “Pictures” → “Saved Pictures”

“My Items” → “Sounds” → “Saved Sounds”

“My Items” → “Videos” → “Saved Videos”

1. Highlight the desired file.
2. Press [Options] and select “Send”.
3. Select “Via Bluetooth”.

For “Via Bluetooth”

The phone starts searching for *Bluetooth* wireless technology enabled devices within 10 metres.

When detected, a list of enabled devices is displayed allowing you to select the desired device. The connection can be established and the file is sent.

Note

- *Data which has been saved onto memory cards cannot be sent.*
- *Pictures/Sounds/Video clips protected with a copyright cannot be sent.*
- *When pairing, you need to enter your passcode when establishing contact with a Bluetooth wireless technology enabled device for the first time except when “Authentication” (p. 104) is set to “Off”.*

Receiving the My Items Data

When the phone receives the My Items data, a confirmation message appears.

1. Press [Yes].

The received data is registered in the corresponding My Items folder. The data can only be stored in handset memory.

Press [No] to reject.

Tip

- *For details on Bluetooth wireless settings, see “Connectivity” on page 102.*

Copying or Moving My Items Data

You can copy or move My Items data between the handset memory and the memory card.

“My Items” → “Pictures” → “Saved Pictures”

“My Items” → “Sounds” → “Saved Sounds”

“My Items” → “Videos” → “Saved Videos”

1. Highlight the desired file.
2. Press [Options] and select “Move to Card”, “Copy to Card”, “Move to Handset” or “Copy to Handset”.

Note:

- *Some large files may not be able to be copied/moved.*


Text Templates (M 6-5)

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

120 characters may be registered in any text template.


Adding Phrases to Text Templates

“My Items” → “Text Templates”

1. Select the number you wish to register.
2. 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”.
3. Enter new text and press .

Viewing Text Templates

“My Items” → “Text Templates”

The list of Text Templates is displayed.

1. Highlight the text template you wish to view.
2. Press [Options] and select “View”.

Deleting Text Templates

“My Items” → “Text Templates”

1. Highlight the text template you wish to delete.
2. Press [Options] and select “Delete”.

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, Sounds, Videos, Total and Free

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

“My Items” → “Memory Status”

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

Games & More (M 1)

Applications (M 1-1)

The list of Java™ applications is displayed.

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

Executing Applications

For details on executing applications, see “Executing Applications” on page 83.

Showing Application Details

“Games & More” → “Applications”

1. Highlight the desired Java™ application.
2. Press [Options] and select “Application Details”.
The detailed information is displayed.

Setting Permission

When using Java™ applications that access the network, online security for monetary transactions can be set with this option.

To Select the Function and Confirmation Method

“Games & More” → “Applications”

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

3. Select “Network Access” to set how the Java™ application accesses the network.

4. Select the desired confirmation method.

Always Connect: Allows the Java™ application access without confirmation.

First Time: Informs you when the Java™ application accesses the network for the first time. If access is allowed, no more confirmations are made until you delete the application.

Per Session: Informs you when the Java™ application accesses the network for the first time. If access is allowed, no more confirmations are made until the application finishes operation.

Per Access: Informs you every time the Java™ application accesses the network regardless of whether or not access is allowed.

Never Connect: Prevents the Java™ application from accessing the network and no confirmation is made.

To Reset Permissions

You can reset all permissions you made.

“Games & More” → “Applications”

1. Highlight the desired Java™ application.
2. Press [Options] and select “Permission”.
3. Select “Reset Permissions”.

Screensavers (M 1-2)

You can download screensaver applications for the standby screen.

“Games & More” → “Screensavers” → “Switch On/Off”

1. Select “On” or “Off”.

Note

- If you select “On” and a screensaver application is not set, a list displaying available screensavers appears, asking you to make a selection.

Set Application (M 1-2-2)

“Games & More” → “Screensavers” → “Set Application”

The downloaded applications are displayed.

1. Select the desired screensaver application.

Resume Time (M 1-2-3)

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

“Games & More” → “Screensavers” → “Resume Time”

1. Enter the resume time in two digits using the digit key.

More Games (M 1-3)

You can download applications.

“Games & More” → “More Games”

The application download site is displayed.

1. Select the application you wish to download.
The WAP browser is started and a confirmation message will appear asking to confirm download.
2. Press ☐ to start downloading.
3. Press ☐ when finished.

Settings (M 1-4)

Calls & Alarms (M 1-4-1)

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

“Games & More” → “Settings” → “Calls & Alarms”

1. Select “Incoming Call” or “Alarm”.

2. Select methods.

- “Call Priority” or “Alarm Priority”:

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

- “Call Notice” or “Alarm Notice”:

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

Sound Volume (M 1-4-2)

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

“Games & More” → “Settings” → “Sound Volume”

The current volume level is displayed.

1. Press [⏮] (or [⏭]) to increase the volume or press [⏮] (or [⏭]) to decrease the volume and then press [⏹].

Backlight (M 1-4-3)

“Games & More” → “Settings” → “Backlight” → “Switch On/Off”

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

- “Always On”: Lit while the application is operated.
- “Always Off”: Unlit while the application is operated even if a key is pressed.
- “Default Settings”: Works with the main backlight setting. (p. 114)

To Set the Blinking Operation

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

“Games & More” → “Settings” → “Backlight” → “Blink”

1. Select “On” or “Off”.

Vibration (M 1-4-4)

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

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

Note

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

“Games & More” → “Settings” → “Vibration”

1. Select from “On” or “Off”.

Set to Default (M 1-4-5)

To Reset All Items in Settings Menu

“Games & More” → “Settings” → “Set to Default”

1. Enter your handset code.

The default handset code is “0000”. For details on changing the handset code, see “To Change Handset Code” on page 126.

Java™ Information (M 1-5)

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

Applications (M 3)

SIM Application (M 3-1)

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

Calendar (M 3-2)

The calendar allows you to easily schedule appointments.

These entries can also be sent via *Bluetooth* wireless technology to a PC to share the same schedules.

Creating a New Entry

“Applications” → *“Calendar”*

1. Highlight the desired day to which you want to add an event.
2. Press [Options] and select “Add New Entry”.
3. Enter the subject.
4. Enter the location.
5. Select the desired category.
6. Enter the start date.
7. Enter the start time.
8. Select the desired duration.
9. Select the desired reminder option.

Note

- *The reminder function sounds even if the phone is switched off.*
- *The reminder will not sound when “Ringer Volume” (p. 106) is set to “Silent”.*
- *When selecting “Other” in step 8, you can enter the desired end date and time.*
- *When selecting “Other” in step 9, you can enter the desired date and time.*
- *On the date entry screen when entering “Start Date” in step 6 or choosing “Other” in steps 8 and 9 and so on, press [Options] and select “Refer to Calendar” to make it easier to find the desired date from the monthly calendar that is displayed.*

Editing the Reminder Tone

“Applications” → “Calendar”

1. Select the day including schedule entries the reminder tone of which you wish to edit.
2. Highlight the desired entry.
3. Press [Options] and select “Edit”.
4. Select the reminder field and select the desired option.
If you select “No Reminder”, the reminder is turned off.
5. Select “Tone” and select “Preset Sounds” or “My Sounds”.
6. Select the desired tone.
For details on selecting a tone, see “Assigning Ringtone” on page 107.
7. Select “Vibration” and select from “On” or “Off”.
For details on selecting a vibration, see “Vibration” on page 107.
8. Select “Duration” and enter the desired time.
9. Press [OK].
10. Press [Save].

Sending a Schedule Entry

“Applications” → “Calendar”

1. Select the day including schedule entries you wish to send.
2. Highlight the desired entry you wish to send.
3. Press [Options] and select “Send”.
4. Select “Via Bluetooth”.

For “Via Bluetooth”

The phone starts searching for *Bluetooth* wireless technology enabled devices within 10 metres.

When detected, a list of enabled devices is displayed allowing you to select the desired device. The connection can be established and the entry is sent.

Note

- *When pairing, you need to enter your passcode when establishing contact with a Bluetooth wireless technology enabled device for the first time except when “Authentication” (p. 104) is set to “Off”.*

Receiving a Schedule Entry

When the phone receives a schedule entry, a confirmation message appears.

1. Press [Yes].

The received entry is registered in the Calendar.
Press [No] to reject.

Tip

- For details on making Bluetooth wireless settings, see “Connectivity” on page 102.


Viewing an Entry

“Applications” → “Calendar”

1. Select the day including schedule entries you wish to view.

The list of entries is displayed.

2. Select the desired entry.

Press  to switch entries, if available, in the selected day.

To Search By Date

1. In the monthly or daily view, press [Options].
2. Select “Go to”.
3. Select “Today” to display today or “Enter date” to enter the desired date.

To Search By Subject

1. In the monthly or daily view, press [Options].
2. Select “Find”.
3. Enter the desired text.

To Change the Week Format

1. In the monthly view, press [Options].
2. Select “Week Format”.
3. Select “Monday-Sunday” or “Sunday-Saturday”.

Deleting Entries

1. In the monthly or daily view, press [Options].
2. Select “Delete”.
3. Select the desired option.
 - “This Entry” (daily view only): Deletes the selected entry.
 - “All this Day”: Deletes all entries for the selected day.
 - “All this Month”: Deletes all entries for the selected month.
 - “Up to Last Month”: Deletes all entries before this month.
 - “All Entries”: Deletes all entries in this application.

Alarms (M 3-3)

Setting the Alarms

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

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

Note

- *The alarm functions even if the phone is switched off.*
- *The alarm will not ring when “Ringer Volume” (p. 106) is set to “Silent”.*

“Applications” → “Alarms”

1. Select the blank setting.
2. Enter the desired time.

To Change the Type of Alarm Tone

3. Select “Set Alarm Tone”.
4. Select “Tone”.
5. Select “Preset Sounds” or “My Sounds”.

6. Select the desired tone.

For details on selecting a tone, see “Assigning Ringtone” on page 107.

To Change the Vibration of Alarm Tone

7. Select “Vibration”.

8. Select “On” or “Off”.

For details on selecting a vibration, see “Vibration” on page 107.

To Change the Duration of Alarm Tone

9. Select “Duration”.
10. Enter the desired time (02-59).
11. Press [OK].

To Set the Repeating Option

12. Select “Repeat Daily”.
13. Select “On” or “Off”.
14. Press [Save].

Editing the Alarm Setting

“Applications” → “Alarms”

1. Select the desired setting and edit it.

Resetting an Alarm Setting

“Applications” → “Alarms”

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

Resetting All Alarm Settings

“Applications” → “Alarms” → “Clear All”

Deactivating or Activating an Alarm

“Applications” → “Alarms”

1. Highlight the alarm you wish to deactivate or activate.
2. Press [Options] and select “Switch Off” or “Switch On”.

Calculator (M 3-4)


The calculator function performs the 4 arithmetic calculations using up to 11 digits.

“Applications” → “Calculator”


The calculator is displayed on the display.

Key operations for calculation are as follows:



To enter a decimal point, press .

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

To do the calculations, press .

To start a new calculation, press [Clear].

Rate Conversion

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

To Set a Currency Conversion Rate

“Applications” → **“Calculator”** → **[Options]** → **“Exchange Rate”**

1. Select “Foreign -> Domestic” or “Domestic -> Foreign”.
2. Enter the currency conversion rate.
To delete all digits, press [Clear].

To Convert a Value

“Applications” → **“Calculator”**

1. Enter the value to be converted.
2. Press [Options] and select “In Domestic” or “In Foreign”.
The result is displayed.

Note



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

Voice Recorder (M 3-5)

This allows you to record a voice clip of up to 180 seconds, which can be used to remind you of schedule entries or be sent within a multimedia message. The recorded voice clip is registered in Saved Sounds. Voice clips are saved in “.amr” format.





Recording a Voice Clip

“Applications” → **“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.
To play back the recorded voice clip, select “Playback”.
To record a voice clip again, press [Cancel].



Note

- To change recorded size before recording, press [Options] and select “Record Size”. Then select “Extended Voice” or “For Message”.

- The volume varies depending on the Multimedia Volume settings (p. 110). The sound is deactivated when “Multimedia Volume” is set to “Silent”. To adjust the volume, press  (or /the side-up key) or  (or /the side-down key).

Sending Voice Clips

“Applications” → “Voice Recorder”

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

For details on creating a message, see “Creating a New MMS” on page 64.



Note

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

Phone Help (M 3-6)

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

“Applications” → “Phone Help”

1. Press  or .


Music Player (M 7)


Music Player supports MP3 and AAC format sound files.

Playing Back Sound Files

“Music Player” → “My Music”

1. Select “Handset Memory” or “Memory Card”.
2. Select the desired sound file.










To pause playback, press .

To stop playback, press .

Note

- To play the last played file, select “Last Played Music” in step 1.
- If an Email message is received while music is being played back, no alert will sound to inform you that a message has arrived. Check the Email indicator to see if any new messages have arrived.
- If saving music data onto the memory card, save the data in the SOUNDS folder on the card.

Tip

- You can select the playback pattern in step 2. Press [Options] and select “Playback Pattern”.
 - “Repeat All”: Plays back all files in the selected folder.
 - “Repeat”: Continues playback of selected file in the selected folder.
 - “Random”: Plays back files in the selected folder at random.
 - While in the Music Player, the player can be controlled by using the following keys:
 - /: Increases or decreases the volume.
 -  (press and hold): Mutes.
 - : Jumps to the next file.
 - : Returns to the start of the current file.
 -  : Jumps to the previous file.
 -  (press and hold): Fast-forwards.
 -  (press and hold): Rewinds.
- The side keys are always available to change the volume level.

Searching a File to Be Played Back

“Music Player” → “My Music”

1. Select “Handset Memory” or “Memory Card”.
2. Press [Options] and select “Search”.
3. Enter the few letters of the title.

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

Sorting Files

“Music Player” → “My Music”

1. Select “Handset Memory” or “Memory Card”.
2. Press [Options] and select “Sort”.
3. Select “By Title”, “By Artist”, “By Album” or “By Date”.

Sort results are displayed.

Adding a File to the Playlist

A single playlist can be created on the memory card. You can add files to a playlist by doing the following.

“Music Player” → “Playlist”

1. Select the desired method to add the files.
“Create Playlist”: The current playlist is deleted and the new playlist is created.
“Edit Playlist”: The current playlist can be edited.
2. Select the desired file. A check mark appears in the box next to the file when the file is selected. Select the file again to cancel, and the checkbox becomes unchecked.
3. Press [Options] and select “OK”.

Note

- If no memory card is inserted, the Playlist menu will not appear.
- You can store up to approximately 350 files in one playlist.

Playing a Playlist

“Music Player” → “Playlist”

1. Select “Current Playlist”.
To edit a playlist, select “Edit Playlist” in step 1.

Settings (M 9)

Connectivity (M 9-1)


By configuring the settings in this menu, you can connect to *Bluetooth* wireless technology enabled phones, as well as PCs (USB connection is possible using the optional Data Cable accessory).

Using the Bluetooth Wireless Function (M 9-1-1)



To Turn On or Off

“Settings” → “Connectivity” → “Bluetooth” → “Switch On/Off”

1. Select “On” or “Off”.

When you select “On”, the *Bluetooth* wireless setting is activated and “” is displayed.

Tip

- You can turn the *Bluetooth* wireless function on or off by pressing , then  during standby.

To Search for Devices to be Paired

For using the *Bluetooth* wireless function, you need to search for other *Bluetooth* wireless technology enabled devices to establish contact with your phone. Keep your phone within a distance of 10 metres from the devices before searching.

“Settings” → “Connectivity” → “Bluetooth”


1. Select “Search for Devices”.

The phone starts searching for devices within 10 metres.

2. Select the desired device for pairing.
3. Enter the device passcode.

Note

- *Pairing means “Authentication”.*
- *The users of two devices with Bluetooth wireless technology should agree on the same passcode for both devices in order to pair them.*
- *The passcode is used just once, there is no need to remember it. The passcode can be different each time the devices are connected.*

- *Devices that do not have a user interface have a factory-set passcode (i.e. headsets and car kits - see the device user guide).*
- *If the Bluetooth wireless function is off before searching, the phone turns the Bluetooth wireless function on automatically and starts searching.*
- *When you wish to perform the device search again, the device list where all devices searched will be displayed when selecting “Search for Devices” again in step 1. Highlighting “New Devices” at the top of the list and pressing  will resume the new search and refresh the list.*
- *You can only select one device for pairing. To change the paired device, see “Handsfree Devices” on this page.*

Handsfree Devices

You can activate, rename, and delete the paired handsfree device in the list.

To Activate a Device

“Settings” → “Connectivity” → “Bluetooth” → “Handsfree Devices”

1. Select the device you wish to activate.

Tip

- *You can save battery power by turning the Bluetooth wireless function off while it is not in use. Turn the Bluetooth wireless function off in “To Turn On or Off” on page 102 or in “To Turn Off Automatically” on page 104.*
- *During a call, you can divert voice call to the paired device. Press [Options] and select “Enable Bluetooth”. If you wish to disconnect the paired device, select “Disable Bluetooth”.*

To Rename a Device

“Settings” → “Connectivity” → “Bluetooth” → “Handsfree Devices”

1. Highlight the device you wish to rename.
2. Press [Options] and select “Change Name”.
3. Rename the device.

To Clear a Device Name

“Settings” → “Connectivity” → “Bluetooth” → “Handsfree Devices”

1. Highlight the device you wish to clear.
2. Press [Options] and select “Delete”.

Paired Devices

You can rename and delete the paired device in the list.

Bluetooth Wireless Settings

With this setting you can rename your phone, prevent other devices from recognising your phone and turn the *Bluetooth* wireless function off automatically to save battery power, etc.

To Rename Your Phone

You can rename your phone. The name is shown on other devices when your phone is detected.

“Settings” → “Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Device Name”

1. Enter the new device name.

To Show or Hide Your Phone

“Settings” → “Connectivity” → “Bluetooth” → “Visibility”

1. Select the desired visibility settings.
“Show My Phone”: Allows other devices to recognize your phone.
“Hide My Phone”: Hides your phone from other devices.

To Turn Off Automatically

“Settings” → “Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Bluetooth Time Out”

1. Select the desired time.
Your phone turns the function off automatically in the specified time.

To Turn the Authentication Request On or Off

You can request the sender or receiver of the data to authenticate the passcode (exchanging the passcode) before pairing devices.

“Settings” → “Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Authentication”

1. Select “On” or “Off”.

Note

- No authentication is required for the paired devices.
- Even if you select “Off”, you may authenticate the passcode when the sender requests it.

PC Software (M 9-1-2)

By connecting your phone to a PC, you can transmit pictures, sounds, video clips, Contacts List entries, and schedule entries. Follow the procedure to select the connection method (*Bluetooth* wireless or USB). For details on getting the link software, see page 130.

“Settings” → “Connectivity” → “PC Software”

1. Select the desired connection type from “Data Cable” or “Bluetooth”.

Memory Card (M 9-1-3)

Formatting Memory Card

“Settings” → “Connectivity” → “Memory Card” → “Format”

1. Enter your handset code.

For details on the handset code, see “To Change Handset Code” on page 126.

2. Press [Yes] to start formatting.

Viewing Memory Card Information

You can see the card type, capacity, and used and free space of memory.

“Settings” → “Connectivity” → “Memory Card” → “Card Details”

Profiles (M 9-2)

Tone sound and vibration set 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 icon described on page 31 is displayed on the standby screen.

Tip

- Press and hold  to switch Profiles settings between Normal and Silent mode during standby.

Customising Profiles

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select the setting you wish to customise and change as desired.

For details about settings, see pages 106 to 111.

4. Press [Save] when finished.

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 “0000”. For details on changing the handset code, see “To Change Handset Code” on page 126.






Ringer Volume



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



“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Ringer Volume”.

The current volume level is displayed.

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

To select “Step Tone”, press  (or ) at level 5.



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

Assigning Ringtone

You can select the ringtone from 24 tones including 5 patterns, 3 alerts, 10 sound effects and 6 melodies. You can also select a sound in Saved Sounds in the handset memory 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 “Assign Ringtone”.
4. Select “Preset Sounds” or “My Sounds”.
5. Select the ringtone you wish to use.

To hear the demo play, press . To stop playing, press  again.

6. Press [Options] and select “Assign”.

Note

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


Vibration

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

“Settings” → “Profiles”

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

Tip

- *When you select “On” in step 4, “ ” is displayed on the standby screen.*

Alerts

You can personalise profiles for alerts including warning tone, message alert and low battery alert.

Warning Tone

Your phone emits the warning tone when an error occurs.

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Alerts”.
4. Select “Warning Tone”.
5. Select “Switch On/Off”.
6. Select “On” or “Off”.
7. Select “Volume” and select from “High”, “Middle” or “Low”.
8. Select “Tone” and select “Preset Sounds” or “My Sounds”.
9. Select the desired tone.
For details on selecting a tone, see “Assigning Ringtone” on page 107.
10. Select “Duration” and select the desired time.

Message Alert

When receiving messages, special ringtones can be set.

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Alerts”.
4. Select “Message Alert”.
5. Select from “Multimedia”, “Text” or “WAP”.
6. Select “Volume” and select the desired volume.
7. Select “Sound” and select “Preset Sounds” or “My Sounds”.
8. Select the desired ringtone.
For details on selecting a ringtone, see “Assigning Ringtone” on page 107.
9. Select “Vibration” and select from “On” or “Off”.
For details on selecting a vibration, see “Vibration” on page 107.
10. Select “Duration” and enter the desired time.

Low Battery Alert

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

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Alerts”.
4. Select “Low Battery Alert”.
5. Select from “High”, “Low” or “Silent”.

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 “Keypad Tones”.
4. Select “Switch On/Off”.
5. Select “On” or “Off”.
6. Select “Volume” and select from “High”, “Middle” or “Low”.
7. Select “Tone” and select from “Preset Sounds”, “My Sounds” or “Default Tone”.
When selecting “Default Tone”, go to step 9.
8. Select the desired tone.
For details on selecting the tone, see “Assigning Ringtone” on page 107.
9. Select “Duration” and select the desired time.

Multimedia Volume

You can adjust volume for Video Camera, Voice Recorder, My Items, browser and multimedia messages.

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Multimedia Volume”.
The current volume level is displayed.
4. Press  (or ) to increase the volume or press  (or ) to decrease the volume and then press .
To select “Silent”, press  (or ) at level 1.

Power On Sound/Power Off Sound

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

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Power On Sound” or “Power Off Sound”.
4. Select “Switch On/Off”.
5. Select “On” or “Off”.
6. Select “Volume” and select the desired volume.
7. Select “Sound” and select “Preset Sounds” or “My Sounds”.
8. Select the desired sound.
For details on selecting a sound, see “Assigning Ringtone” on page 107.
9. Select “Duration” and enter the desired time.


Echo Cancel

This function is for cancelling irritating echoes, especially when using the handsfree car kit.

“Settings” → “Profiles”

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

Any Key Answer

You can also answer a call by pressing any key except  or [Busy]. For details, see page 35.

“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 9-3)

You can change the settings of the screen.

Setting the Main Display (M 9-3-1)


To Set the Wallpaper

For the standby screen, 3 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” → “Main Display” → “Wallpaper” → “My Pictures”

1. Select the desired picture.
2. After displaying the picture, press .
3. Specify the area you wish to display using the navigation keys.

Note

- Some pictures cannot be used because of their picture and data types.
- When using a file in the Animation GIF format, turn the “Standby Calendar” option off.

To Display Monthly Calendar

You can display the monthly calendar during standby.

“Settings” → “Display” → “Main Display” → “Standby Calendar”

1. Select “One Month”.
Select “Off” to turn it off.

Note

- If you select “One Month” when using the file in the Animation GIF format for the wallpaper, the wallpaper setting is reset to default. When using the file in the Animation GIF format, select “Off”.

Tip

- The weekly format of the monthly calendar depends on the setting of “Week Format” (p. 95).

To Assign the Pictures

Pictures can be displayed when turning the power on or off, when receiving an incoming call, or when operating the alarm.

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


To Set Built-in Pictures

“Settings” → “Display” → “Main Display” → “Graphics”

1. Select the desired situation to set the picture.
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” → “Main Display” → “Graphics”

1. Select the desired situation to set the picture.
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.*

To Set the Greeting Message

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

“Settings” → “Display” → “Main Display” → “Greeting Message”

1. Select “Switch On/Off”.
2. Select “On” or “Off”.
3. Select “Edit Message” and enter the message.

Up to 16 characters can be stored as a message.
For details on entering characters, see “Entering Characters” on page 40.

To Show the Clock

You can display the current date and/or time on the standby screen.

“Settings” → “Display” → “Main Display” → “Show Clock”

1. Select from “Time Only”, “Date & Time” or “Off”.

To Set the Backlight

You can turn the backlight of the screen on or off when you press the keypad or the optional cigarette lighter charger is connected to the phone.

You can change time the backlight is on for, which will help conserve battery life.

Tip

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

To Select the Backlight Time Out

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

1. Select the desired time.

Select “Off” to turn it off.

To Turn On/Off the Backlight while Charging with the Cigarette Lighter Charger

With this setting On, the phone’s backlight is on when the Cigarette Lighter Charger is connected.




“Settings” → “Display” → “Main Display” → “Backlight” → “In Car”

1. Select “On” or “Off”.

To Adjust the Brightness of the Backlight

You can adjust the brightness of the backlight of the screen from 4 levels.

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

1. Adjust the brightness by pressing  (Light) and  (Dark) for maximum clarity.
2. Press .

To Set the Display Saving

This phone’s screen will automatically turn off.

You can change the time before the Display Saving will go into effect, which will help conserve battery life.

Tip

- *When you purchase this phone, Display Saving is set to 10 minutes.*

“Settings” → “Display” → “Main Display” → “Display Saving”

1. Select the desired time.

Note

- *Display Saving does not work while you are calling, 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 input any numerical or text value.*

Setting the External Display (M 9-3-2)

To Select the Backlight Time Out

You can select the backlight time out for the external display.




“Settings” → “Display” → “External Display” → “Backlight”

1. Select the desired time.
Select “Off” to turn it off.

To Adjust the Contrast

You can adjust the LCD contrast of the external display between 9 levels.

“Settings” → “Display” → “External Display” → “LCD Contrast”

1. Adjust the contrast by pressing  (High) and  (Low) for maximum clarity.
2. Press .

Display Setting Reset (M 9-3-3)

The display settings can be reset to their default settings.

“Settings” → “Display” → “Set to Default”

1. Enter your handset code.

The default handset code is “0000”. For details on changing the handset code, see “To Change Handset Code” on page 126.

Sound (M 9-4)

You can use this menu to check or edit the current Profiles settings.

Call Settings (M 9-5)


Set various types of functions and services.

Diverts (M 9-5-1)


This service is used to divert incoming calls to your voice mail system or to another number depending on certain conditions in which you cannot answer a call.

To Divert Calls

“Settings” → “Call Settings” → “Diverts”

1. Select one of the following options.
 - “All Calls”: Diverts all voice calls without ringing.
 - “When Busy”: Diverts incoming calls when you are on a call.
 - “No Answer”: Diverts incoming calls if you do not answer a call within a certain period of time.
 - “Not Reachable”: Diverts incoming calls when your phone is out of network service or switched off.
2. Select “On”.
3. Select the desired Contacts List entry including a phone number you wish to divert.
If the desired entry does not exist, select “Enter Number” and enter the phone number.
4. Press .
- If you select “No Answer” in step 1:
5. Select the period of time from 6 levels (05 to 30 seconds).

Note

- When a divert is set to “All Calls”,  is displayed on the standby screen.

Tip

- If you select “By Service” in step 2, you can select further divert options.

To Check the Divert Status

“Settings” → “Call Settings” → “Diverts”

1. Select the divert option you wish to check.
2. Select “Status”.
You can check the status of the selected divert option.

Call Waiting (M 9-5-2)

If you wish to be able to receive another incoming call while you have a call in progress, you must activate the Call Waiting service.

“Settings” → “Call Settings” → “Call Waiting”

1. Select “On” or “Off”.

Note

- The Call Waiting service may not be available on all mobile phone networks. Contact your network operator for more information.

Showing Your Phone Number (M 9-5-3)

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

“Settings” → “Call Settings” → “Show Your Number”

1. Select “On” or “Off”.

Note

- *Some networks do not support this service. Please check with your service provider for availability.*

Restrict Calls (M 9-5-4)

This function lets you place restrictions on incoming and outgoing calls. To activate this option you will need the specified password, which is available from your service provider.

“Settings” → “Call Settings” → “Restrict Calls”

1. Select from “Outgoing Calls” or “Incoming Calls”.
 - Outgoing Calls: Restricts outgoing calls.
 - Incoming Calls: Restricts incoming calls.

2. Select one of the following options.

(For “Outgoing Calls”)

- Bar Foreign Calls: Restricts all outgoing international calls.

- Bar All Outgoing Calls:

Restricts all outgoing calls except emergency calls.

- Only Local & Home: Restricts all outgoing international calls except to your home country.

(For “Incoming Calls”)

- Bar All Incoming Calls:

Restricts all incoming calls.

- Bar if Abroad: Restricts all incoming calls when you are outside of the coverage from your registered network operator.

3. Select one of the following options.

- “All Services”: Restricts all services.
- “Voice Calls”: Restricts all voice calls.
- “Data”: Restricts all data calls.
- “Fax”: Restricts all fax calls.
- “Messages”: Restricts all messages.
- “All except msgs”: Restricts all services except messages.

4. Select “On” or “Off”.

5. Enter the network password.

To Cancel Settings

“Settings” → “Call Settings” → “Restrict Calls”

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

Fixed Dialling No.

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

Note

- *The Fixed Dialling No. is not available with some service providers or SIM cards. Please contact your service provider for more information.*

To Enable Fixed Dialling No.

“Settings” → “Call Settings” → “Restrict Calls” → “Fixed Dialling No.”

1. Enter your PIN2 code.
Pin2 is a second PIN code used to unlock certain features of a SIM card, such as Fixed Dialling and Call Cost metering. Not all SIM cards use the PIN2 code.
2. Select “Switch On/Off”.
3. Select “On” or “Off”.

To Add a New Name

“Settings” → “Call Settings” → “Restrict Calls” → “Fixed Dialling No.”

1. Enter your PIN2 code.
2. Select “Edit Dial List”.
3. Select “Add New Contact”.
4. Add a name and a phone number.
For details on adding a name and a phone number, see “Add New Contact” on page 45.
5. Press [Save].

Changing the Network Password

“Settings” → “Call Settings” → “Restrict Calls” → “Change Password”

1. Enter the old network password.
2. Enter a new network password.
3. Enter a new network password again.

If you enter the incorrect password, you are asked to enter the password again.

4. Press .

Auto Redial (M 9-5-5)

See “Automatic Redialling” on page 35.

Minute Minder (M 9-5-6)

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

“Settings” → “Call Settings” → “Minute Minder”

1. Select “On” or “Off”.

Call Setting Reset (M 9-5-7)

The call settings can be reset to their default settings.

“Settings” → “Call Settings” → “Set to Default”

1. Enter your handset code.

The default handset code is “0000”. For details on changing the handset code, see “To Change Handset Code” on page 126.


Date & Time (M 9-6)

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, year and time using the digit keys.

Tip

- When you enter the time in the 12-hour format, press  to switch between am and pm. The order in which the date and time is displayed is based on the format setting.

Selecting the Time Format

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

1. Select “12 hour” or “24 hour”.

Selecting the Date Format

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

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

Setting the Daylight Saving

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

1. Select “On” or “Off”.


Setting the Time Zone

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

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

Customising the Time Zone

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

1. Enter the time-zone differences using the digit keys.
Pressing  switches between – and +.

Changing the Language (M 9-7)

You can change the language that the phone uses to display messages.

“Settings” → “Language”

1. Select the desired language.

Tip

- *You can also change the input language on the text entry screen (p. 40).*

Note

- *If you select “Automatic” in step 1, the language preset on the SIM card is selected.*
- *If the language preset on the SIM card is not supported, then the default language of the phone is selected.*

Network (M 9-8)

Network Settings (M 9-8-1)

To Select a Network Automatically

Each time the power is turned on, your phone always tries to connect to the preferred network.

If your phone is not connected to the network, you can perform the following immediately to establish the preferred network connection.

“Settings” → “Network” → “Select Network” → “Automatic”


To Set the Network Manually


“Settings” → “Network” → “Select Network” → “Manual”

1. Select the desired network.

To Add a New Network

“Settings” → “Network” → “Select Network” → “Add New Network”

If there is no entry, press  and go to step 2.

If there is an entry, press  and perform the following steps.

1. Select “Add”.
2. Enter the country code.
3. Enter the network code.
4. Enter a new network name.

To Change the Position of a Network in the Preferred List

“Settings” → “Network” → “Select Network” → “Set Preferred”

1. Select the name of the network to change the position in the list.
2. Select “Insert” or “Add to end”.

To Delete a Network from the Preferred List

“Settings” → “Network” → “Select Network” → “Set Preferred”

1. Select the name of the network you wish to delete.
2. Select “Delete”.

WAP/MMS/Email Settings

Note

- *For normal operations, you do not need to change the WAP/MMS settings.*

WAP Settings (*: Item to be set as mandatory)

- “Profile Name”*: WAP profile name (Unique name)
- “IP Address”*: IP address for WAP
- “Homepage”: Homepage
- “Port Number”*: Security option (1-65535)
- “Primary DNS”: Primary DNS
- “Secondary DNS”: Secondary DNS
- “Circuit Prompt”: Circuit prompt (“Enable” or “Disable”)
- “Connection Type”:
 - Bearer connection type (“GPRS Then CSD”, “GPRS” or “CSD”)
- “Username”: User name
- “Password”: Password
- “GPRS Settings”:
 - “APN”*: Access point name
 - “Username”: User name
 - “Password”: Password
- “CSD Settings”:
 - “Phone No.”*: Access point number
 - “Line Type”: Line type (“ISDN” or “Analogue”)
 - “Username”: User name
 - “Password”: Password

MMS Settings (*: Item to be set as mandatory)

- “Profile Name”*: MMS profile name (Unique name)
- “IP Address”*: IP address for MMS
- “Relay Server URL”*:
 - MMS relay server
- “Port Number”*: Security option (1-65535)
- “Primary DNS”: Primary DNS
- “Secondary DNS”: Secondary DNS
- “Connection Type”: Bearer connection type (“GPRS Then CSD”, “GPRS” or “CSD”)
- “Username”: User name
- “Password”: Password
- “GPRS Settings”:
 - “APN”*: Access point name
 - “Username”: User name
 - “Password”: Password
- “CSD Settings”:
 - “Phone No.”*: Access point number
 - “Line Type”: Line type (“ISDN” or “Analogue”)
 - “Username”: User name
 - “Password”: Password

Email Settings (*: Item to be set as mandatory)

“Profile Name”*: Email profile name (Unique name)

“Email Address”*: Email address

“Return Address”: Email address to which the Email message is returned when sending fails

“POP3 Server”: Server for receiving Email messages

“Server Name”*: Server name

“User ID”*: User ID

“Password”*: Password

“Port Number”: Security option (1-65535)

“SMTP Server”: Server for sending Email messages

“Server Name”*: Server name

“User ID”: User ID

“Password”: Password

“Port Number”: Security option (1-65535)

“Authentication”: Authentication (Off, POP before SMTP, SMTP Authentication)

“Primary DNS”: Primary DNS

“Secondary DNS”: Secondary DNS

“Connection Type”: Bearer connection type (“GPRS Then CSD”, “GPRS” or “CSD”)

“GPRS Settings”:

“APN”*: Access point name

“Username”: User name

“Password”: Password

“CSD Settings”:

“Phone No.”*: Telephone Number

“Line Type”: Line type (“ISDN” or “Analogue”)

“Username”: User name

“Password”: Password

To Activate the WAP/MMS/Email Profile

“Settings” → “Network”

1. Select from “WAP Settings”, “MMS Settings” or “Email Settings”.
2. Select the desired profile.

To Edit the WAP/MMS/Email Profile

“Settings” → “Network”

1. Select from “WAP Settings”, “MMS Settings” or “Email Settings”.
2. Highlight the desired profile.
3. Press [Options] and select “Edit”.
4. Edit the desired item.

To Copy the WAP/MMS/Email Profile

“Settings” → “Network”

1. Select from “WAP Settings”, “MMS Settings” or “Email Settings”.
2. Highlight the desired profile.
3. Press [Options] and select “Copy”.
4. Edit the new profile name.

To Delete the WAP/MMS/Email Profile

“Settings” → “Network”

1. Select from “WAP Settings”, “MMS Settings” or “Email Settings”.
2. Highlight the desired profile.
3. Press [Options] and select “Delete”.

Security (M 9-9)

Enabling/Disabling the PIN Code (M 9-9-1)

If the PIN code is enabled you are asked to enter the PIN code each time the phone is switched on. Your PIN code is stored on the SIM card and you should have been made aware of the code when you purchased the SIM card. Contact your service provider for further details.

“Settings” → “Security” → “PIN Entry”

1. Select “On” to enable the PIN code.
Select “Off” to disable it.
2. Enter your PIN code.

Note

- *If you enter the wrong PIN code three times in step 2, the SIM card will lock. To remove the lock, contact your service provider/SIM card vendor.*

To Change PIN Code

This allows you to change the PIN code stored on the SIM card. Before you change the PIN code, select “On” in step 1 in “Enabling/Disabling the PIN Code”.

“Settings” → “Security” → “PIN Entry” → “Change PIN”

1. Enter the existing PIN code.
2. Enter a new PIN code.
3. Enter the new PIN code again.

Changing PIN2 Code (M 9-9-2)

PIN2 is a second PIN code used to unlock certain features of a SIM card, such as Fixed Dialling and Call Cost metering. Not all SIM cards use the PIN2 code. The following shows you how to change PIN2 code.

“Settings” → “Security” → “Change PIN2”

1. Enter the existing PIN2 code.
2. Enter a new PIN2 code.
3. Enter the new PIN2 code again.

Handset Lock (M 9-9-3)

The Handset Lock is an additional security feature which prevents unauthorised use of the phone or certain features.

“Settings” → “Security” → “Handset Lock”

1. Select “On” or “Off”.
2. Enter your handset code.

To Change Handset Code

Before you change the handset code, select “On” in step 1 in “Handset Lock”. The default handset code is “0000”.

“Settings” → “Security” → “Handset Lock” → “Change Code”

1. Enter the old handset code.
2. Enter a new handset code.
3. Enter the new handset code again.

Master Reset (M 9-0)

All settings can be reset to their default settings.

“Settings” → “Master Reset”

1. Enter your handset code.

Connecting GX34 to Your PC

You can use the following functions by connecting the GX34 to your PC using an USB port* or *Bluetooth* wireless technology port:

- GSM/GPRS modem
- Handset Manager for GX34

* Requires an optional USB Data Cable XN-1DC30 for USB port connection.

System Requirements

Operating System:

Windows[®] 2000*, Windows[®] XP**, Windows Vista

- * Service Pack 4
- ** Service Pack 1a or later

Supported Software:

Microsoft[®] Outlook

Interface:

USB port or *Bluetooth* wireless port

CD-ROM drive

GSM/GPRS Modem

You can use GX34 as a GSM/GPRS modem to access the Internet from your PC. Connect your phone to your PC via *Bluetooth* wireless technology or USB interface. Software installation on your PC is required.

Modem via the USB Data Cable

1. Insert the supplied CD-ROM into your PC's CD-ROM drive.

The GX34 CD-ROM screen is displayed.

If the GX34 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.

2. Select the USB driver from the on-screen instructions of your CD-ROM, and start installation of USB driver software following the on-screen instructions of your CD-ROM.
 - You can also download USB driver software from our web-site, <http://www.sharp-mobile.com>.
 - During installation, the on-screen instructions ask you to connect your phone to your PC. Power on your phone and attach the phone to the USB port of your PC using the USB Data Cable (Optional Accessory).

3. Follow the on-screen instructions to complete installation.
4. Select the modem driver from the on-screen instructions of your CD-ROM, and install modem driver software following the on-screen instructions of your CD-ROM.
 - You can also download modem driver software from our web-site, <http://www.sharp-mobile.com>.
5. Follow the on-screen instructions to use your phone as a modem driver.
 - When the on-screen instructions ask modem driver type, select the cable as a modem driver.
4. Select the modem driver from the on-screen instructions of your CD-ROM, and install modem driver software following the on-screen instructions of your CD-ROM.
5. Follow the on-screen instructions to use your phone as a modem driver.
 - When the on-screen instructions ask modem driver type, select *Bluetooth* as a modem driver.

Note

- *Modem communication is not possible while communicating with the Handset Manager via Bluetooth wireless technology or USB interface.*
- *It is not recommended that you make or answer calls when you are using GX34 as a GSM/GPRS modem. The operation may be interrupted.*
- *For a detailed explanation on how to use the Modem driver, please click and refer to the help on the Modem Driver.*
- *When the on-screen instructions ask you to input APN, User Name and Password for your GPRS network, please refer to the following table.*

Modem via Bluetooth Connection

1. Turn on the *Bluetooth* connectivity of your phone.
For how to turn on the *Bluetooth* connectivity, see page 102.
2. Pair your PC with your phone.
For how to pair your PC with your phone, see page 102.
3. Insert the supplied CD-ROM into your PC's CD-ROM drive.
The GX34 CD-ROM screen is displayed.
If the GX34 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.

	APN (Access Point Name) Post-paid	APN (Access Point Name) Pre-paid	User Name	Password
SFR (France)	wapsfr	wapsfr		
Swisscom (Switzerland)	gprs.swisscom.ch	gprs.swisscom.ch		
Vodafone Germany	web.vodafone.de	web.vodafone.de		
Vodafone Greece	wap.vodafone.gr	wapkarta.vodafone.gr	user	pass
Vodafone Hungary	wap.vodafone.net	vitamax.wap.vodafone.net	vodawap	vodawap
Vodafone Italy	web.omnitel.it	web.omnitel.it		
Vodafone Malta	wap.vodafone.com.mt	wap.vodafone.com.mt	wap	wap
Vodafone New Zealand	www.vodafone.net.nz			
Vodafone Portugal	internet.vodafone.pt	internet.vodafone.pt	vodafone	vodafone
Vodafone Spain	airtelnet.es	airtelnet.es	vodafone	vodafone
Vodafone UK	internet	pp.vodafone.co.uk	web	web
Cytmobile (Cyprus)	cytmobile	cytmobile		
Vodafone CZ	internet	ointernet		
Og Vodafone (Iceland)	live.gprs.is	live.gprs.is		
Vodafone Turkey	vflive	vflive	vodafone	vodafone

Handset Manager

You can transmit the following items between your phone and your PC, and can use Contacts List entries on your PC.

- My Items files (pictures/sounds/video clips)
- Contacts List entries
- Short messages
- Schedule entries

Via USB Data Cable

1. Insert the supplied CD-ROM into your PC's CD-ROM drive.
The GX34 CD-ROM screen is displayed.
If the GX34 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.
2. Select Handset Manager from the on-screen instructions of your CD-ROM, and start installation of Handset Manager software following the on-screen instructions of your CD-ROM.
 - You can also download Handset Manager software from our web-site, <http://www.sharp-mobile.com>.
 - If you have not installed the USB driver, follow steps 2 and 3 on page 127.
3. Follow the on-screen instructions to complete installation.
 - During installation, the on-screen instructions ask you to select an interface. Select the USB Data Cable as an interface.

4. Connect your phone to your PC. Power on your phone and attach the phone to the USB port of your PC using the USB Data Cable (Optional Accessory).
5. Turn on the PC software connectivity of your phone.
For how to turn on the PC software connectivity, see page 105.
6. Launch Handset Manager from the relevant folder.
7. Follow the on-screen instructions of Handset Manager.

For details, see the User Guide Software which is installed within Handset Manager or our web-site, <http://www.sharp-mobile.com>.

Via Bluetooth

1. Insert the supplied CD-ROM into your PC's CD-ROM drive.
The GX34 CD-ROM screen is displayed.
If the GX34 CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.
2. Select Handset Manager from the on-screen instructions of your CD-ROM, and start installation of Handset Manager software following the on-screen instructions of your CD-ROM.
 - You can also download Handset Manager software from our web-site, <http://www.sharp-mobile.com>.
3. Follow the on-screen instructions to complete installation.

- During installation, the on-screen instructions ask you to select an interface. Select *Bluetooth* as an interface.
4. Turn on the PC software connectivity of your phone.
For how to turn on the PC software connectivity, see page 105.
 5. Launch Handset Manager from the relevant folder.
 6. Follow the on-screen instructions of Handset Manager.

For details, see the User Guide Software which is installed within Handset Manager or our web-site, <http://www.sharp-mobile.com>.

Note

- *Some large files may not be able to be transmitted from the PC to the phone.*
- *Applications (Camera, My Items, etc.) do not run when the phone is connected to the PC via Bluetooth wireless technology interface or USB Data Cable.*
- *If you have already installed Sharp Handset Manager, you need to uninstall the previous one.*
- *If you have trouble with installation, uninstall Handset Manager, restart your PC, reinstall Handset Manager and restart.*
- *Connecting your phone to your PC via the USB Data Cable may not charge the battery. To charge the battery, always use the AC Charger recommended by the manufacturer.*

Troubleshooting

Problem	Solution
The phone does not turn on.	<ul style="list-style-type: none"> • Make sure the battery is properly inserted and charged.
PIN code or PIN2 code is rejected.	<ul style="list-style-type: none"> • Make sure you have entered the correct code (4 to 8 digits). • Your SIM card/protected functions will become locked after 3 unsuccessful attempts. • Contact your SIM provider if you do not have the correct PIN code.
The SIM card becomes locked.	<ul style="list-style-type: none"> • Enter PUK code (8 digits) provided by your service provider (if supported). • If the attempt is successful, enter the new PIN code and confirm your phone is operational again. Otherwise contact your dealer.
The display is difficult to read.	<ul style="list-style-type: none"> • Adjust the backlight brightness for the display, and adjust the LCD contrast for the external display.

Problem	Solution
Phone functions do not work after the phone is turned on.	<ul style="list-style-type: none"> • Check the radio signal strength indicator as you may be outside the service area. • Check to see if any error message is displayed when you turn your phone on. If so, contact your dealer. • Make sure the SIM card is correctly inserted.
Calls cannot be made or received.	<ul style="list-style-type: none"> • If the message "SIM card error" is displayed at start-up, you cannot use your SIM card or the SIM card is damaged. Contact your dealer or network service provider. • Check your call barring, fixed dialling setting, remaining battery and call forwarding settings. • Check if your phone is currently performing data communication using <i>Bluetooth</i> wireless technology interface or a USB Data Cable. • Check the remaining balance if you are using a pre-paid SIM card.

Problem	Solution
Call quality is poor.	<ul style="list-style-type: none"> • Your current location may not provide good call quality (i.e., in a car or train). Move to a location where radio signal strength is greater.
Cannot access network service.	<ul style="list-style-type: none"> • Check where your account has been registered and where the service is available.
Cannot send or receive Text Message.	<ul style="list-style-type: none"> • Make sure you are correctly subscribed for the Short Message Service, that the network supports this service, and that the centre number is set up correctly. If not, contact your network service provider.
Cannot connect to Multimedia Message service provider.	<ul style="list-style-type: none"> • MMS settings and configuration may be missing or incorrect or the network does not support it. Check your service provider's access point number. Contact your service provider to confirm the correct settings.

Problem	Solution
Limited memory available.	<ul style="list-style-type: none"> • Delete any unnecessary data.
Call is terminated unexpectedly.	<ul style="list-style-type: none"> • Magnetised objects such as health necklaces placed near the phone may terminate the call. Keep your phone away from such objects.
No entries are displayed in the Contacts List.	<ul style="list-style-type: none"> • Confirm that the Contacts Location setting (Handset or SIM) and View Groups setting are made correctly.
Fax transmission failure.	<ul style="list-style-type: none"> • Before transmitting fax data, configure your fax software to use the software flow control. • Use of the optional data cable is recommended for transmitting fax data.

Problem	Solution
Cannot receive OBEX data.	<p>The OBEX data cannot be received in the following cases:</p> <ul style="list-style-type: none"> • Call incoming, call outgoing, call in progress • Java™ application executed • WAP communication mode enabled • When transmitting multimedia messages • When transmitting Email messages • When searching for <i>Bluetooth</i> wireless technology enabled devices and displaying the device list (M 9-1-1) • When connecting with devices by the selected connection method (M 9-1-2)

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

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