Introduction

Congratulations on choosing the TS 921, which is customised for Vodafone live!

We hope that you will be pleased with this new wireless phone incorporating 3G technology, also known as UMTS. This phone provides advanced entertainment features including video telephony, video messaging and high-speed access to Vodafone live!

The TS 921 has a sophisticated design, high-quality 260,000 colour display and 1.92 mega pixel camera. Furthermore, you can rotate the colour display to suit your needs.

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Network services

To use the phone you must have service from a wireless service provider. Many of the features in this device depend on features in the wireless network to function. These Network Services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize Network Services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use Network Services. For instance, some networks may not support all language dependent characters and services.

This wireless device is a 3GPP GSM Release 99 terminal supporting GPRS service, and is designed to support also Release 97 GPRS networks. However, there may be some compatibility issues when used in some Release 97 GPRS networks. For more information, contact your service provider.

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TOSHIBA

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DECLARATION OF CONFORMITY

We, **Toshiba Information Systems UK (Ltd), Mobile Communications Division**

of **Toshiba Court**
Weybridge Business Park
Addlestone Road
Weybridge
KT15 2UL

declare under our sole responsibility that the product

TS921
Type (Model) Name is CC4 - E01
UMTS & GSM/DCS/PCS Terminal (Tri band 900, 1800 & 1900)

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

3GPP TS 51.010-1, 3GPP TS 34.121, EN 301 489-1, EN 301 489-7, EN 301-489-24, EN 300 328, EN 301 489-17, EN 60950, EN 50360, EN 50361, EN 301 511, EN 301 908-1 and EN 301 908-2

We hereby declare that all essential radio test suites, EMC & safety requirements have been carried out and that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC,

The conformity assessment procedure referred to in Article 10(5) and detailed in Annex IV of Directive 199/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Claremont House, 34 Molesey Road, Walton-on-Thames, KT12 4RQ

Identification mark: **0168**

The technical documentation relevant to the above equipment will be held at:

Toshiba Information Systems UK (Ltd), Mobile Communications Division
Riverside Way, Camberley, Surrey, GU15 3YA

Name:- Noritaka Tanigawa

Title:- Deputy Managing Director of TIU
General Manager Mobile Communications Division

Signature:- **Date:-** 18/01/05

Safety Instructions

Care and Maintenance

If you maintain your phone in good condition, the quality of your phone usage as well as the phone life span will be greatly enhanced. If you follow the suggestions below, this will also help you to fulfil warranty obligations.

- Keep the phone and all the parts and accessories out of the reach of small children.
- Keep the phone dry as moisture of any kind can contain minerals that will corrode the electronic circuits.
- Do not use or store the phone in dusty or dirty locations as the moving parts of the phone can be damaged.
- Do not use or store the phone in hot areas. High temperatures will shorten the life span of the phone, damage the battery or warp/ melt the plastic used in the phone's manufacture.
- Do not store the phone in cold areas. When there is a difference in temperature between the room and the phone, condensation can form inside the phone, causing damage to the electronic circuits.
- Do not open the phone unless absolutely necessary, for example, to install the battery or SIM card. We recommend that you go to your dealer when problems arise with either of these items and allow their experts to handle the phone instead.
- Do not mishandle or abuse the phone. Dropping it, knocking or shaking it can damage the internal circuits.
- Do not use harsh chemicals, strong detergents, or cleaning solvents to clean the phone. If you must clean it, then use a soft, clean, dry, lint-free cloth.
- Do not apply paint or other such substances to the phone. This could clog the phone's moving parts.
- If the phone or any of the accessories are not working as they should, please consult your dealer who can provide you with the expert assistance that you require.
- Interference may affect your phone's performance. This is perfectly normal and once you move away from the source of the interference, the phone should operate as usual.
- Do not attempt to disassemble your product. Only Toshiba authorised personnel should perform service.

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 party responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/relocate the receiving aerial.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

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

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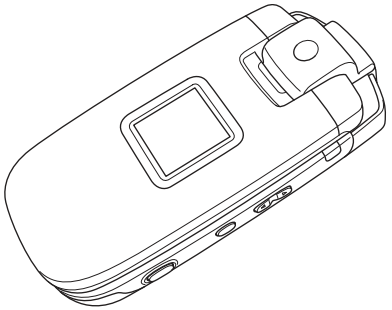
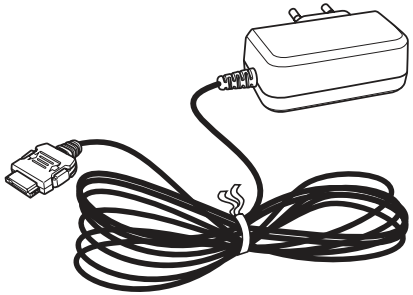
What's in the Box

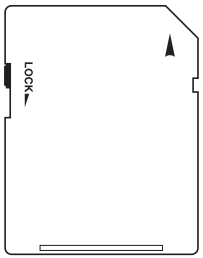
Your box contains the following items:



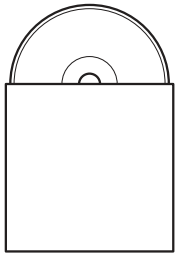
Phone



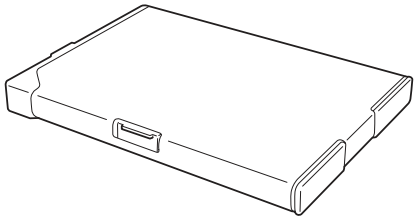
AC Adapter



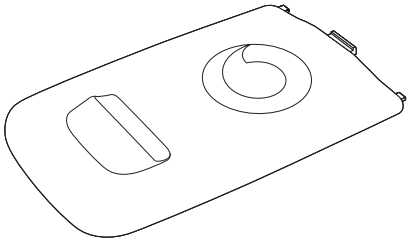
SD Memory Card (32MB)



CD-ROM

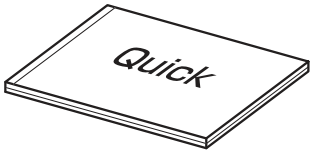


Battery Pack

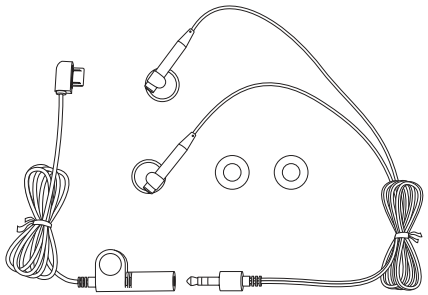


Battery Cover

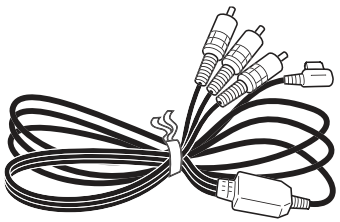
User Guide



Quick Start Guide



Stereo Handsfree Headset



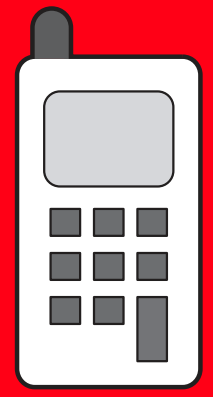
Video Cable for TV Connection

Basic Operations

This chapter explains the basic operations and functions of your phone.

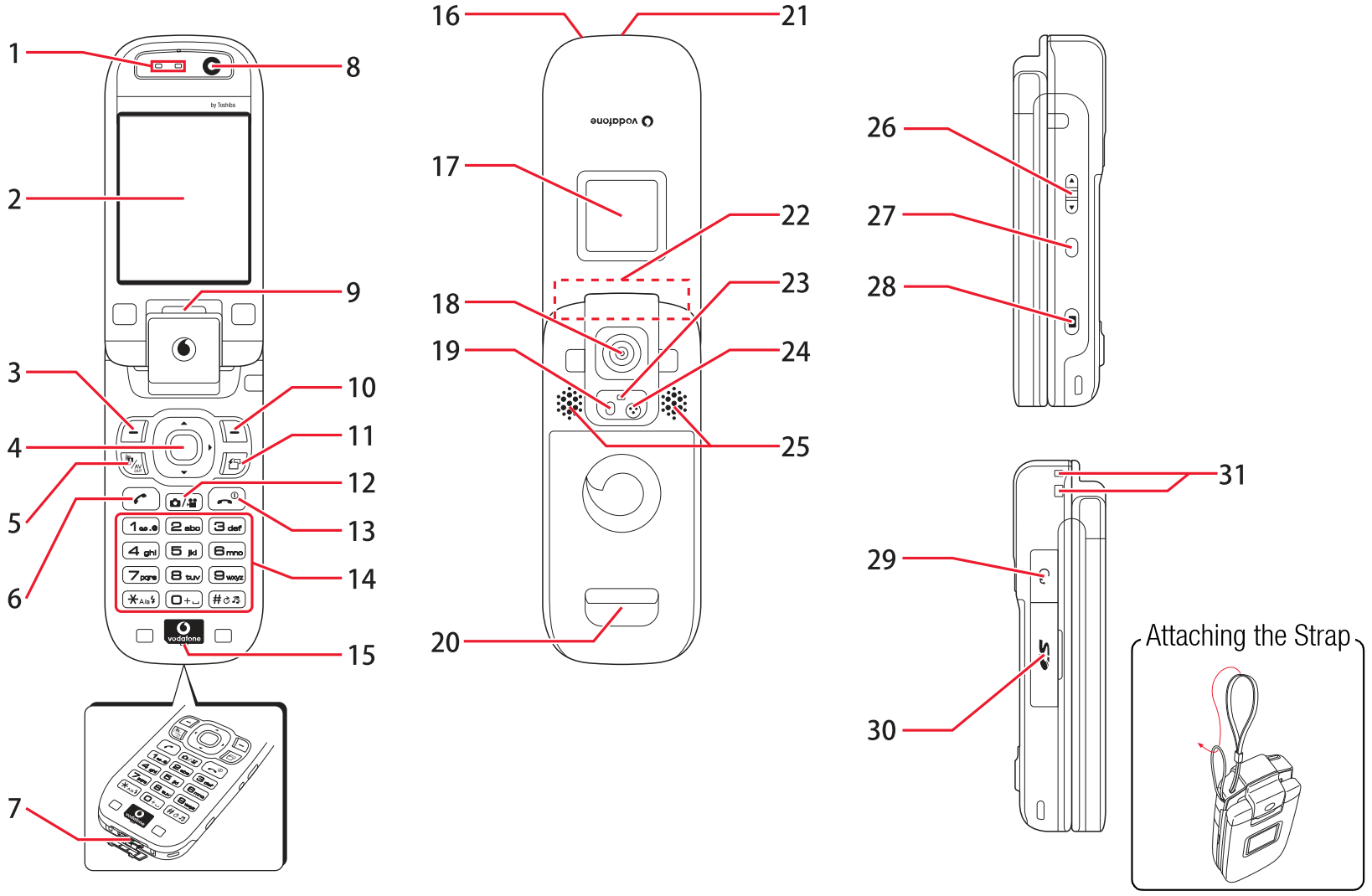
In This Chapter

- ❍ Parts & Functions
- ❍ SIM Card
- ❍ Emergency Calls
- ❍ Battery Pack
- ❍ Memory Card
- ❍ Turning On/Off the Power
- ❍ System Mode Setting
- ❍ Language Setting
- ❍ Date & Time Settings
- ❍ Accessing Functions
- ❍ Making a Call
- ❍ Answering a Call
- ❍ Operations during Calls
- ❍ Call Log
- ❍ Optional Services
- ❍ Character Input
- ❍ Contacts List



Parts & Functions

Phone



1: **Earpiece**
2: **Main Display:** The main display is the screen facing you when your phone is opened.
3: **Left Soft Key:** Performs the operation indicated for the button on the main display.
4: **Navigation Key/Centre Key:** Moves the cursor up, down, left or right, confirms operations and accesses shortcuts (page 233). The centre key is also used to perform other major operations in screens, acts as the shutter button, etc.
5: **VT Key:** Accesses the video call function.
6: **Send Key:** Makes and answers calls.
7: **Cable and Phone Charging Connections**
8: **Internal Camera Lens:** Used during video calls.
9: **External Light:** Flashes for incoming calls, messages and other information, as well as when you have unchecked information.
10: **Right Soft Key:** Performs the operation indicated for the button on the main display.
11: **AP Key:** Accesses Multi Task.
12: **Camera/Video Key:** Activates the camera/video camera.
13: **End/Power Key:** Turns on/off the power and ends calls/ operations and takes you back to standby mode.
14: **Keypad/* Key/# Key:** Allows you to enter phone numbers, characters, etc. To switch Phone Profiles (page 222) between Normal and Silent, press and hold #. To set/cancel the key guard (page 252), press and hold *. To listen to your voicemail (page 48), press and hold 1.
15: **Microphone:** Used for voice calls.
16: **Charging Indicator**
17: **External Display:** Indicates incoming calls, received messages, etc. while your phone is closed.
18: **External Camera Lens:** Used for taking pictures and recording videos.
19: **Mobile Light**
20: **Camera Grip**
21: **Infrared Port**
22: **Antenna (Built-in)**
23: **Camera/Video Indicator**
24: **Second Microphone:** Records sound for videos.

25: Stereo Speakers

26: Side Key (,): Adjusts the volume, selects options, changes the zoom, etc. The function of the key varies depending on the mode.

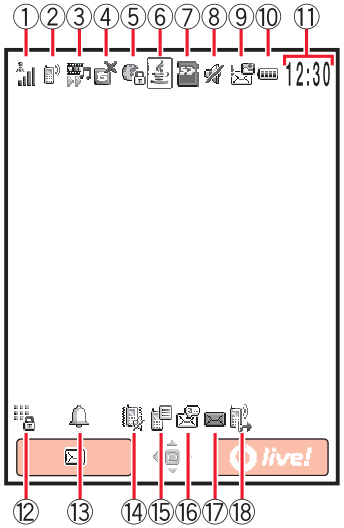
27: Side Key ( ): Takes you back to the previous operation, etc. You can also assign a shortcut to the key (page 232).

28: Side Key ( ): Activates the camera, etc. Acts as the shutter button for the camera.

29: AV OUT/Earphone Microphone Jack

30: Memory Card Slot

31: Handstrap Hole



Main Display

The following indicators appear on the main display.

1: / / / / **(Signal Strength, Out of Range):** Indicates the signal strength is at one of five levels.

(Flight Mode On): Indicates Flight mode (page 236) is set to **On**.

2: / **(Voice/Video Call):** Indicates a voice or video call in progress.

(Dial-up Connection): Indicates a dial-up connection.

3: **(Streaming Playback):** Indicates streaming playback.

(Sending/Receiving Data): Indicates data is being sent or received.

(Identifying GPRS Network Location Information): Indicates you can establish a connection on the GPRS network.

(GPRS Data Connection Established): Indicates you can perform data communication on the GPRS network.

4. **(Limited Service):** Indicates you are out of the service area of the service provider with which you have concluded a contract. When this indicator is displayed, only emergency services can be called.

/ **(3G Network Connection/Roaming):** Indicates a 3G network connection or roaming.

/ **(GSM Network Connection/Roaming):** Indicates a GSM network connection or roaming.

/ **(GPRS Network Connection/Roaming):** Indicates a GPRS network connection or roaming.

Tip

- The screens appearing in this manual are simplified for the purpose of explanation and may differ from the actual screens appearing on your phone.
- Screens have been omitted from the explanation of some operations.

5: **(Web SSL):** Indicates a connection to a Web page with security protection.

(External Device Synchronisation): Indicates data is being synchronised with an external device.

/ (Bluetooth™ Connection Established/Connection Standby): Indicates a connection to an external device via Bluetooth™.

(Infrared Communication): Indicates a connection to an external device via infrared.

6: **/ (Java™ Application):** Indicates a running/paused Java™ application (page 184).

7: **/ (Memory Card Inserted/Write Protected):** Indicates the status of the memory card (page 30).

8: **(Playing Media File):** Indicates a media file is being played.

/ / (Silent/Car/Meeting): Indicates the profile set for Phone Profiles (page 222).

9: **(MMS Priority Level):** Indicates the reception of a message with a high priority level.

(Rights Object): Indicates the reception of a rights object.

/ (New or Unread MMS/SMS): Indicates a new or unread MMS message (page 138) or SMS message (page 147).

(WAP): Indicates a new or unread WAP Push message (page 148).

10: **/ / / / (Battery Level):** Indicates the battery level is at one of five levels.

(Charging)

11: Clock Display Indicator (Clock Display): Appears when your phone is not in standby mode.

12: / (Key Guard/Phone Lock): Indicates the key guard (page 252) or phone lock (page 249) is set.

13: (Alarm): Indicates the alarm (page 267) is set.

14: / / (Silent/Vibration): Indicates both Silent and Vibration are set or either Silent or Vibration is set (page 225).

15: (Information Prompt): Indicates a missed call, unread message, etc.

16: (Message Received): Indicates a recorded message at the Voicemail Centre (page 47).

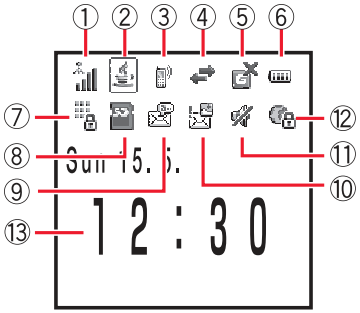
(Missed Call): Indicates a missed call.

17: (SMS and MMS Inbox Full): Indicates the SMS (page 147) and MMS (page 138) Inbox is full.

18: / / (Call Diverting without Ringing Set for Voice Call/Video Call/ Voice and Video Calls): Indicates call diverting without ringing is set for both voice calls and video calls or either voice calls or video calls.

External Display

The external display allows you to confirm information when your phone is closed.



1: / / / / **(Signal Strength, Out of Range):** Indicates the signal strength is at one of five levels.

(Flight Mode On): Indicates Flight mode (page 236) is set to **On**.

2: / **(Java™ Application):** Indicates a running/paused Java™ application (page 184).

3: **(Voice Call):** Indicates a voice call in progress.

(Dial-up Connection): Indicates a dial-up connection.

4: **(Sending/Receiving Data):** Indicates data is being sent or received.

(Identifying GPRS Network Location Information): Indicates you can establish a connection on the GPRS network.

(GPRS Data Connection Established): Indicates you can perform data communication on the GPRS network.

5: **(Limited Service):** Indicates you are out of the service area of the service provider with which you have concluded a contract. When this indicator is displayed, only emergency services can be called.

/ **(3G Network Connection/Roaming):** Indicates a 3G network connection or roaming.

/ **(GSM Network Connection/Roaming):** Indicates a GSM network connection or roaming.

/ **(GPRS Network Connection/Roaming):** Indicates a GPRS network connection or roaming.

6: / / / / **(Battery Level):** Indicates the battery level is at one of five levels.

(Charging)

7: **/** **(Key Guard/Phone Lock):** Indicates the key guard (page 252) or phone lock (page 249) is set.

8: **/** **(Memory Card Inserted/Write Protected):** Indicates the status of the memory card (page 30).

9: **(Message Received):** Indicates a recorded message at the Voicemail Centre (page 47).

(Missed Call): Indicates a missed call.

/ **/** **(Silent/Vibration):** Indicates both Silent and Vibration are set or either Silent or Vibration is set (page 225).

10: **(MMS Priority Level):** Indicates the reception of a message with a high priority level.

(Rights Object): Indicates the reception of a rights object.

/ **(New or Unread MMS/SMS):** Indicates a new or unread MMS message (page 138) or SMS message (page 147).

(WAP): Indicates a new or unread WAP Push message (page 148).

11: **(Playing Media File):** Indicates a media file is being played.

/ **/** **(Silent/Car/Meeting):** Indicates the profile set for Phone Profiles (page 222).

12: **(Web SSL):** Indicates a connection to a Web page with security protection.

(External Device Synchronisation): Indicates data is being synchronised with an external device.

/ **(Bluetooth™ Connection Established/Connection Standby):** Indicates a connection to an external device via Bluetooth™.

(Infrared Communication): Indicates a connection to an external device via infrared.

13: Clock Display Indicator (Clock Display)

Information Prompt

This feature notifies you of missed calls, unread messages or other unconfirmed information. If you have unconfirmed information, the information prompt appears in standby mode.

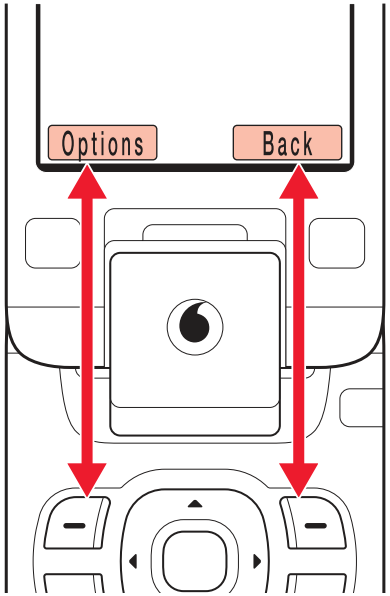
1. While the information prompt is displayed, select the item you want to confirm and press (Select).

The information prompt contains the following items.

- **Missed Calls:** Notifies of missed calls (page 43).
- **New SMS:** Notifies of new SMS (page 147).
- **New MMS:** Notifies of new MMS (page 138).
- **New WAP Push:** Notifies of new WAP Push (page 148).
- **New Notifications:** Notifies of new messages (page 139).
- **New Reports:** Notifies of unread report messages (pages 142, 149).
- **Voicemail:** Notifies of new messages at the Voicemail Centre (page 47).
- **Stop Snooze:** Notifies of an activated alarm set to repeat (page 267).

Tip

If you still have unconfirmed information after returning to standby mode, press and hold to redisplay the information prompt.



Using Soft Keys

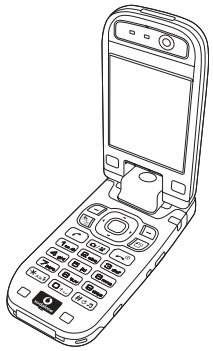
You can perform an operation displayed at the bottom of the main display by pressing the corresponding – or – .

Using the Navigation Key

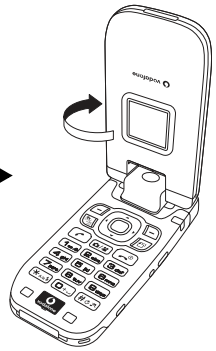
The navigation key allows you to perform various operations such as moving the cursor up, down, left or right. With ●, you can display the Main menu, confirm the selected item, perform the selected operation, etc. If you press ▲ in standby mode, you can display the shortcut screen (page 231) and use shortcuts.

Opening & Closing Your Phone

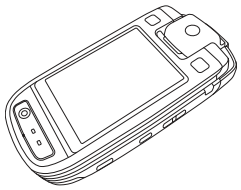
In addition to open style, you can use your phone in turnover style and self-portrait style.



Open your phone until the display is at an angle of 90 degrees to the keyboard.

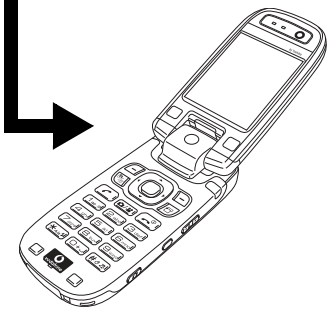


Rotate the display 180 degrees clockwise.



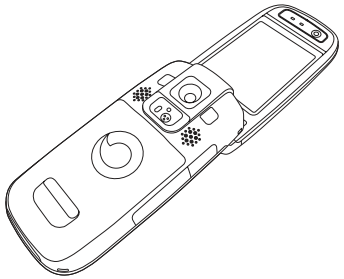
Turnover Style

Convenient for taking pictures and recording videos at high resolutions.



Open Style

Open your phone until it reaches the stop position.



Self-portrait Style

Convenient for taking pictures of yourself.

Note

- When rotating the display, do not force the display to move in the wrong direction. Doing so may damage your phone.
- The procedures described in this manual assume that your phone is in the open style.

Tip

If you switch to turnover style during a voice or video call, the outgoing sound is muted.

SIM Card

Before using your phone, be sure to do the following.

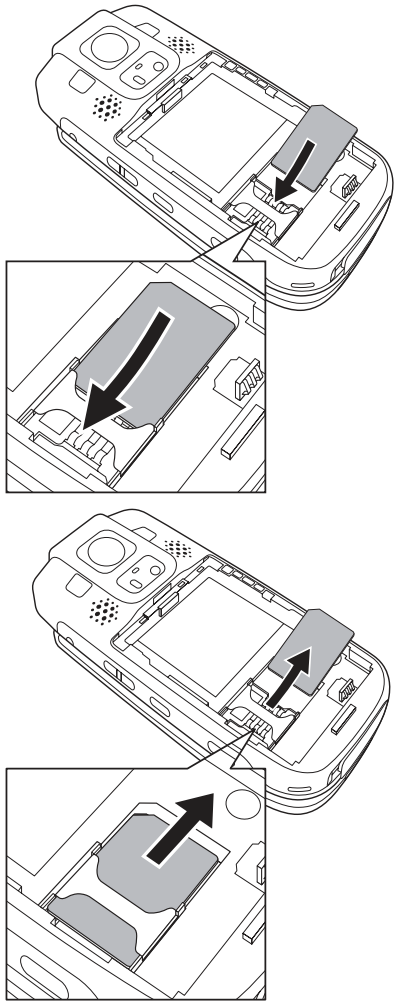
- Insert the SIM card in your phone.
- Insert the battery pack in your phone (page 28).

About the SIM Card

The SIM card contains customer information such as your phone number. Only insert the SIM card in a SIM card compatible phone. If the SIM card is not inserted, the phone cannot be used.

Inserting & Removing the SIM Card

Before inserting or removing the SIM card, remove the battery pack. For details on removing the battery pack, see page 28.



1. Open the battery cover and remove the battery pack.
2. With the IC surface facing downwards, insert the SIM card in the direction shown on the left while keeping it straight.

   To remove the SIM card, slide it out as shown on the left.

Personal Identification Number (PIN) Code

The SIM card has two security codes: PIN code and PIN2 code. For details on the PIN/PIN2 code, contact your service provider.

PIN Code

This is a four to eight digit security code to prevent another person from using your SIM card without permission.

If the PIN code setting is set to **On** (page 246), your PIN code needs to be entered to use your phone each time the power is turned on. You can change the initial number set at the time of purchase (page 247).

PIN2 Code

This is a four to eight digit security code that needs to be entered for operations such as modifying data saved to the SIM card. You can change the initial number set at the time of purchase (page 247).

PUK (Personal Unblocking Key) Code

If the PIN code or PIN2 code is incorrectly entered three times in a row, the PIN/PIN2 lock is set. To cancel the PIN/PIN2 lock, enter the PUK code or PUK2 code. For details on the PUK/PUK2 code, contact your service provider.

Emergency Calls

Note

- Most GSM Networks support the internationally recognized emergency numbers of 112 and 911 (for the USA), consult your service provider in the country you are in for the correct number to dial in an emergency.
- Calls cannot be made to emergency services while data communication is being performed within a GSM area. End data communication before making a call.
- If the system mode is set to **UMTS Only** or **GSM Only**, calls cannot be made to emergency services if the selected network is unavailable. Change the system mode setting (page 256) before making a call.

You can still make calls to emergency services when the SIM card is not inserted. However, there is no guarantee that a connection can be established in all countries and areas because operation of your phone differs depending on the wireless network, wireless signal and your phone's setting status. Do not rely on just your mobile phone when you need to make important calls such as calls to emergency services.

Calls may not be able to be made to emergency services depending on the network services of some service providers. For details on services, contact the service provider.

1. While in a service area, confirm that your phone is turned on.
2. Dial the phone number for an emergency service.
3. Press .

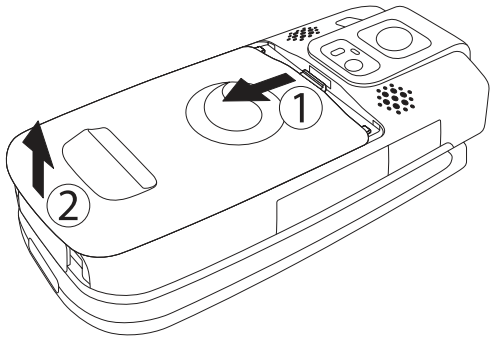
Battery Pack

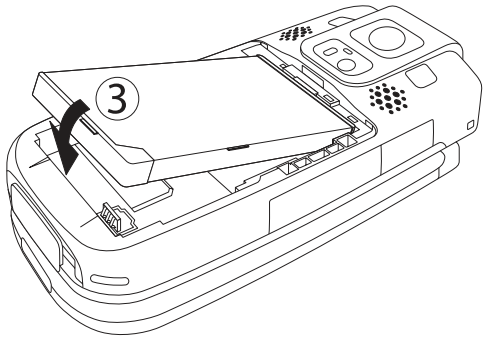
Before using your phone for the first time, charge the battery.

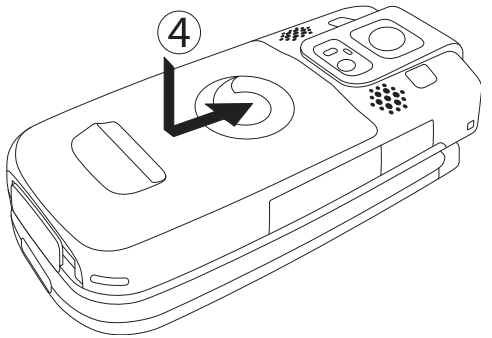
Inserting & Removing the Battery Pack

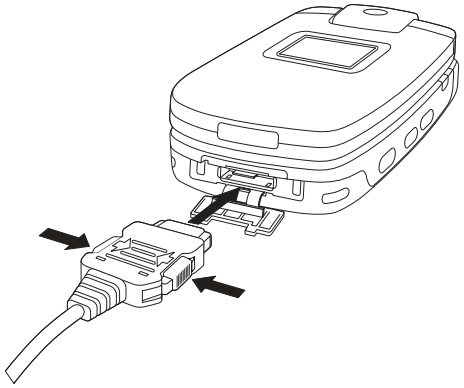
1. Press down on the battery cover at a point just below the second microphone and slide it towards the bottom of your phone.
2. Lift off the battery cover.
3. Insert the battery pack while making sure the socket on the bottom of the battery pack is aligned with the connector in the battery compartment.

   To remove the battery pack, insert a fingernail beneath the side or bottom tab and lift out the battery pack.
4. Place the battery cover on your phone and slide it until it clicks into place.









Charging the Battery Pack

1. Turn off the power of your phone.
2. Open the external connector cover of your phone and insert the connector of the AC adapter.
3. Insert the plug of the AC adapter into an AC outlet. The charging indicator lights up and charging begins.
4. After the charging indicator goes out, remove the plug of the AC adapter from the AC outlet. Remove the connector of the AC adapter from your phone while pressing the release buttons on the sides of the connector.

Memory Card

About the Memory Card

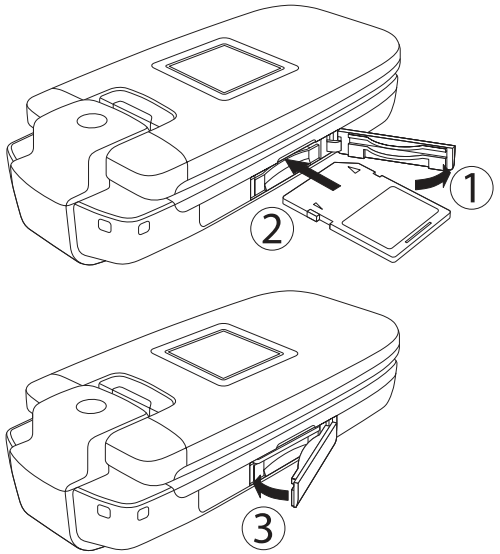
A 32 MB memory card is supplied for use with your phone. You can save pictures taken and videos recorded with the camera of your phone and various downloaded data to the memory card. Make sure the power is turned off before inserting or removing the memory card. Otherwise data may be lost.

- This manual refers to an SD memory card as the “memory card.”
- Your phone supports memory cards with a storage capacity of up to 1GB. There is no guarantee that all memory cards will work with your phone because an operation check has not been performed for all memory cards.

Inserting & Removing the Memory Card

1. Open the memory card slot cover.
2. Gently push the memory card into the slot until it clicks into position.

   To remove the memory card, gently press the memory card. When you let go, the memory card will be ejected.
3. Close the memory card slot cover.



Note

- Do not use excessive force to open the memory card slot cover. Doing so may damage the cover.
- Take care that the memory card does not fly out of your phone during removal.

Turning On/Off the Power

Note

- A screen for setting the date and time appears the first time you turn on the power of your phone. Set the date and time while referring to "Date & Time Settings" (page 34).
- Touching the built-in antenna part of your phone affects signal strength. Avoid touching this part of your phone during use.

Turning On the Power

1. Press and hold .

   The standby screen appears on the main display.

   If the PIN code setting (page 246) is set to **On**, enter your PIN code after you press and hold .

Turning Off the Power

1. In standby mode, press and hold .

   The Power Off screen appears and the power is turned off.

System Mode Setting

Your phone is UMTS (3G)/GSM dual mode compatible. Before using your phone, you can set which system mode your phone uses. For details on setting the system mode, see “Setting the System Mode” (page 256).

Language Setting

You can change the language displayed on your phone. For details on setting the language, see page 230.

Date & Time Settings

Setting the Date & Time

You can set the date and time displayed in standby mode.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Settings** and press – (Select).
3. Select **Date&Time** and press – (Select).
4. Select **Set Date/Time** and press – (Select).
5. Enter the year (two digits), month, day and time and press – (OK).

Note

When you set the date and time displayed in standby mode to the summer time, set the DST setting to **On** (page 36). If the DST setting is left set to **Off**, the correct reception date and time cannot be displayed for SMS and MMS messages received during the summer time period even if the date and time of your phone are set to the summer time.

Tip

- You can enter a date from 2/1/2000 to 30/12/2099. Enter the time in accordance with the 24-hour system.
- You can switch the clock display between the 12-hour and 24-hour system (page 217).

World Clock Setting

In addition to the date and time displayed in standby mode, you can set the world clock. For details on displaying the world clock, see page 275.

Setting the Home City/Alternate City

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Settings** and press – (Select).
3. Select **Date&Time** and press – (Select).
4. Select **World Clock** and press – (Select).
5. Select **Set Home City** or **Set Alternate City** and press – (Select).
6. Use ◀▶ to select the city you want to set and press ●.

   A green circle indicates your home city on the map. A red circle indicates the alternate city.

Setting the GMT Offset

You can select a city by entering a GMT time difference.

1. After Step 5 of “Setting the Home City/Alternate City” (page 35), press (Options).
2. Select **GMT Offset** and press (Select).
   If you press (Options), you can select **+/–**.
3. Enter the time difference and press twice.

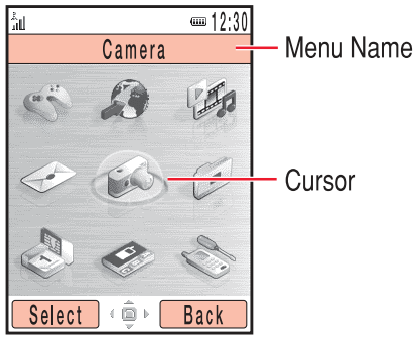
Setting the Daylight Saving Time (DST)

You can set the summer time.

1. After Step 5 of “Setting the Home City/Alternate City” (page 35), press (Options).
2. Select **DST On/Off** and press (Select).
3. Select **On** or **Off** and press (Select).

Tip

If the DST setting is set to **On**, the indicator appears on the display when you set (page 35) or display (page 275) the world clock. The indicator or **DST** appears for the time displayed in standby mode.



Main Menu Screen

Accessing a Function from the Main Menu

1. In standby mode, press ● to display the Main menu.
2. Use ◆ to select an icon and press – (Select) to display the menu of the function.

- **Games & More:** Allows you to download and use games, screensavers and other Java™ applications (page 181).
- **Vodafone live!:** Allows you to access the Vodafone live! home page and download pictures, melodies and applications (page 173).
- **Media Player:** Allows you to play audio and video files (page 187).
- **Messaging:** Allows you to create MMS/SMS/email messages. You can also check received and sent MMS/SMS/email messages (page 131).
- **Camera:** Allows you to take pictures and record videos (page 97).
- **My Items:** Allows you to check the pictures you took, videos you recorded and other data stored in data folders (page 195).
- **Organiser & Tools:** Allows you to use preinstalled applications (page 261).
- **Contacts:** Allows you to access and update the Contacts list (page 63).
- **Settings:** Allows you to modify and confirm the settings of your phone (page 213).

Codes

Your security code, centre access code and call barring service code are required for using your phone.

Security Code

Your security code is “0000” or the four-digit number you selected when you concluded your contract. It is required to use functions and perform operations on your phone.

Centre Access Code

Your centre access code is the four-digit number you selected when you concluded your contract. It is required to perform optional service operations from a fixed-line phone.

Call Barring Service Code

Your call barring service code is the four-digit number you selected when you concluded your contract. It is required to set call barring (page 52).

Tip

- You can perform the following operations if you press (Options) after entering a phone number in standby mode.
  - **Voice Call:** Makes a voice call.
  - **Video Call:** Makes a video call (page 85).
  - **Save to Contacts:** Saves the phone number to the Contacts list (page 64).
  - **Send Message:** Allows you to create an SMS/MMS message (pages 133, 144).
- You can also make a call from the Contacts list (page 75) or the call log (page 43).

1. Confirm that the power is on.

   Confirm that the signal level is sufficient.

2. In standby mode, enter a phone number.

   If you enter the wrong number, each press of (Clear) deletes the digit on the far right.
   To enter "✳," "P" or "–," press and hold .

3. Press .

4. Press to end the call.

Making an International Call

1. In standby mode, press and hold .

   + appears.

2. Enter the country code, area code and other party's phone number.

   If the other party's phone number begins with 0, omit the first 0.

3. Press .

Sending Tones

You can send DTMF tones by pressing digit keys during a call.

To disable the sending of DTMF tones, press (Options) during a call and select **DTMF Off**.

Answering a Call

When a call is received, the ringtone plays and the external light flashes. If the phone number is in the Contacts list (page 63), the name and phone number of the caller appear on the display.

1. Press (Answer).
2. Press to end the call.

Rejecting a Call

You can manually reject an incoming call. To automatically reject calls from specific phone numbers, add the phone numbers to the Rejection list (page 243).

1. A call is received.
2. Press .

Tip

- To adjust the ringtone volume while a call is being received, use or the side keys (and). To set the ringtone volume to mute, press and hold the side key ( ).
- If you miss a call, the information prompt (page 22) appears.
- You can also use Open to Answer (page 240) or Any Key Answer (page 240) to answer a call.

Options Available during a Call

Tip

You can receive messages during voice calls and receive voice calls while accessing the Web. This function is only available while you are in an area with 3G coverage (UMTS area). It is unavailable during a video call even if you are in an area with 3G coverage.

You can perform the following operations if you press (–) (Options) during a call.

- **Hold:** Places the call on hold.
- **Mute My Voice:** Mutes the outgoing sound.
- **Mute All:** Mutes both the outgoing and incoming sound.
- **Contacts List:** Allows you to reference the Contacts list (page 78).
- **Call Log:** Allows you to access the call log (page 43).
- **Voice Record:** Records the other party's voice (page 42).
- **My Details:** Displays the owner information (page 81).
- **DTMF Off/On:** Allows you to disable or enable the sending of DTMF tones (page 39).

Adjusting the Earpiece Volume during a Call

You can use the navigation key or side keys to adjust the earpiece volume to one of five levels.

1. Press or the side key (or) during a call.

   The current setting appears.

2. Use or the side key (or) to adjust the earpiece volume.

   Use , or the side key ( ) to increase the earpiece volume and use , or the side key ( ) to decrease the earpiece volume.

Tip

- To adjust the earpiece volume in standby mode, press and hold or and use to adjust the volume.
- To switch the sound to the speaker to enable a handsfree call, press during a call.

Recording during a Call

Voice Record allows you to record the other party's voice during a call. The maximum length of one recording during a call is 60 seconds.

1. Press (Options) during a call.
2. Select **Voice Record** and press (Select).

   After the maximum length of recording time elapses or the call ends, recording stops and the recording data is saved to the Recordings folder automatically.

Note

Only the other party's voice is recorded. Your voice is not recorded.

Tip

For details on playing Voice Record recordings, see page 272.

Viewing Dialled Numbers/Missed Calls/Received Calls

You can view the last 20 dialled numbers, missed calls and received calls.

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Call Log** and press – (Select).

   The Call Log screen appears.
3. Select **Dialled Numbers**, **Missed Calls** or **Received Calls** and press ●.

   To switch from the Dialled Numbers screen to the Missed Calls screen or Received Calls screen, use ◀▶.

Tip

You can perform the following operations if you press – (Options) while viewing dialled numbers, missed calls or received calls.

- **View:** Displays the details.
- **Voice Call:** Makes a voice call.
- **Video Call:** Makes a video call (page 85).
- **Send Message:** Allows you to create an SMS/MMS message (pages 133, 144).
- **Save to Contacts:** Saves the phone number to the Contacts list (page 64).
- **To Rejection List:** Saves the phone number to the Rejection list (page 243).
- **Delete:** Deletes the entry.

Viewing Call Time

Viewing Last Call/All Calls

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Call Log** and press – (Select).
3. Select **Call Timers** and press – (Select).
4. Select **Last Call** or **All Calls** and press – (Select).

   To reset the call time, select **Reset Timers**.

Viewing Call Costs

You can view the cost for the last call or the total costs for all calls.

Viewing Last Call/All Calls

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Call Log** and press – (Select).
3. Select **Call Costs** and press – (Select).

   The Call Costs list appears.

4. Select **Last Call** or **All Calls** and press – (Select).

   To reset the call costs, select **Reset Costs**.

Note

- For accurate information on call costs, contact your service provider.
- Some items may not be displayed depending on the SIM card inserted.

Viewing the Currency

You can view the currency for call costs.

1. From the Call Costs list (page 44), select **Cost Unit** and press (Select).

   The currency and rate appear.

Setting Call Cost Display

You can set whether to display the call cost after a call ends.

1. From the Call Costs list (page 44), select **Call Cost Display** and press (Select).
2. Select **On** or **Off** and press (Select).

Viewing Data Transfer Volume

You can view the communication data volume for the last session or all sessions.

Viewing Last Data/All Data

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Call Log** and press – (Select).
3. Select **Data Counter** and press – (Select).
4. Select **Last Data** or **All Data** and press – (Select).

   To reset the data transfer volume, select **Reset Data Counts**.

For details on services, contact your service provider.

Voicemail Service

If you are unable to answer a call because, for instance, your phone is out of range or a call is in progress, the call is diverted to the Voicemail Centre in accordance with the Voicemail settings so as the caller can leave a message (voicemail). The indicator appears on the display when you have a new message.

Starting the Voicemail Service

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Call Settings** and press (Select).
3. Select **Voicemail** and press (Select).
4. Select **Voicemail Settings** and press (Select).

   The Voicemail Settings screen appears.
5. Select **Registration** and press (Select).
6. Select the diverting condition you want to set and press (Request/Select).

   - **All Calls:** Diverts a call without your phone ringing.
   - **When Busy:** Allows you to press (Busy) to divert an incoming call.
   - **Not Reachable:** Diverts a call when your phone is out of range or the power is off.
   - **No Answer:** Diverts a call if you do not answer it within the set time.
   - **All Conditional:** Diverts a call that meets any of the other conditions except All Calls.

   After a network connection is established, the settings complete screen appears.

Tip

- To change the number for diverting calls to the Voicemail Centre or the number for accessing the Voicemail Centre to listen to voicemail, select **Voicemail Centre** after Step 4.
- To confirm the status of settings, select **Status** after Step 4 and press (Request).

Listening to Your Voicemail

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Call Settings** and press (Select).
3. Select **Voicemail** and press (Select).
4. Select **Call Voicemail** and press (Call).

   Follow the voice prompts of the Voicemail Centre.

Stopping the Voicemail Service

1. From the Voicemail Settings screen (page 47), select **Deactivate** and press (Request).

   After a network connection is established, the settings complete screen appears.

Tip

To listen to your voicemail from standby mode, press and hold .

Call Divert Service

This service allows you to divert calls you are unable to answer to a preset phone number.

Starting the Call Divert Service

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Call Settings** and press (Select).
3. Select **Call Diverting** and press (Select).
4. Select the calls you want to divert and press (Select).

- **All Services:** Allows you to set the Call Divert services for all incoming calls.
- **Voice Call:** Allows you to set the Call Divert service for voice calls.
- **Video Call:** Allows you to set the Call Divert service for video calls.
- **Fax:** Allows you to set the Call Divert service for fax communication.
- **Data Call:** Allows you to set the Call Divert service for data communication.

Tip

- To confirm the status of all call divert services, select **Status** after Step 3 and press (Request).
- To confirm the status of call divert services individually, select **Status** after Step 4 and press (Request).

5. Select the diverting condition you want to set and press (Select).

- **All Calls/All Faxes:** Diverts all calls to the preset phone number without your phone ringing.
- **When Busy:** Allows you to divert an incoming call to the preset phone number by pressing (Busy).
- **No Answer:** Diverts a call if you do not answer it within the set time.
- **Not Reachable:** Diverts a call when your phone is out of range or the power is off.
- **All Conditional:** Diverts a call that meets any of the other conditions except All Calls.

6. Select an input method for the phone number and press (Select).

- **From Contacts:** Allows you to select a phone number from the Contacts list (page 74).
- **Set Number:** Allows you to directly enter a phone number for the divert destination.
- **From Call Log:** Allows you to select a phone number from the call log (page 43).

7. Press (Set/Request).

After a network connection is established, the settings complete screen appears.

Stopping the Call Divert Service

1. After Step 3 of “Starting the Call Divert Service” (page 49), select **Deactivate All** and press – (Request).

   After a network connection is established, the settings complete screen appears and all call divert services are stopped.

   To stop call divert services individually, select **Deactivate** after Step 4 of “Starting the Call Divert Service” (page 49) and press – (Request).

Call Barring Service

This service stops all outgoing and incoming calls including international calls.

Starting the Call Barring Service

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Call Settings** and press – (Select).
3. Select **Call Barring** and press – (Select).

   The Call Barring settings screen appears.
4. Select **Activate** and press – (Select).
5. Select **Outgoing Calls** or **Incoming Calls** and press – (Select).
6. Select a barring condition and press – (Request).
   - **All Calls:** Stops all outgoing and incoming calls.
   - **International:** Stops all outgoing and incoming international calls.
   - **Except Local/Home:** Stops all outgoing international calls except those to your home network when you are abroad.
7. Enter your call barring service code (page 38).

   After a network connection is established, the settings complete screen appears.

Tip

- You can still make calls to emergency services (page 27) when the call barring service is enabled.
- To confirm the status of the setting, select **Status** after Step 3 and press – (Request).

Stopping the Call Barring Service

1. From the Call Barring settings screen (page 52), select **Deactivate** and press (Select).
2. Select **Outgoing Calls**, **Incoming Calls** or **All** and press (Request).
3. Enter your call barring service code (page 38).

   After a network connection is established, the settings complete screen appears.

Changing Your Call Barring Service Code

1. From the Call Barring settings screen (page 52), select **Change Password** and press (Select).
2. Enter your current call barring service code (page 38).
3. Enter your new call barring service code and press (OK).
4. Re-enter your new call barring service code for confirmation and press (OK).

   After a network connection is established, the settings complete screen appears.

Call Waiting Service

When you receive a call during a call, you can place the current call on hold and answer the incoming call. If the incoming call is from a caller whose phone number is in the Contacts list (page 63), the caller's name and phone number are displayed.

Starting the Call Waiting Service

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Call Settings** and press – (Select).
3. Select **Call Waiting** and press – (Select).

   The Call Waiting settings screen appears.
4. Select **Activate** and press – (Request).

   After a network connection is established, the settings complete screen appears.

Tip

To confirm the status of the setting, select **Status** after Step 3.

Using the Call Waiting Service

1. The call waiting tone is heard during a call. The name and phone number of the caller appears on the display.
2. Press (–) (Options).
3. Select **Answer** and press (–) (Select) or (↶).

   The original caller is placed on hold and a connection is established with the second caller. Both names appear on the display.
4. Press (↶) to switch between callers.

Stopping the Call Waiting Service

1. From the Call Waiting settings screen (page 54), select **Deactivate** and press (–) (Request).

   After a network connection is established, the settings complete screen appears.

Multiparty Call Service

This service allows you to call other parties during a call and then switch between the parties or talk to multiple parties simultaneously. A call with up to six people including yourself is possible. The names and/or phone numbers of all the parties appear on the display during the call.

1. Enter the phone number of another party you want to call during a call and press .

The original party is placed on hold and you can talk to the new party.

2. Press (Options) to perform one of the following operations.

- **Multiparty:** Allows you to perform the following operations.
  - **Multiparty:** Allows you to talk to all parties simultaneously.
  - **Private:** Allows you to talk to the selected party only (private call).
  - **Hold:** Places the selected party on hold.
  - **Hold All:** Places all the parties on hold.
  - **End Call:** Ends the call with the selected party.
  - **End All Calls:** Ends the call with all the parties.
- **Swap:** Allows you to change the party of a private call.
- **Mute My Voice:** Mutes the outgoing sound.
- **Mute All:** Mutes all the outgoing and incoming sound.
- **Contacts List:** Allows you to reference the Contacts list (page 78).

Note

The options that are available vary depending on the call status.

- **Call Log:** Allows you to access the call log (page 43).
- **Voice Record:** Records the other party's voice (page 42).
- **My Details:** Displays the owner information (page 81).
- **DTMF Off/On:** Allows you to disable or enable the sending of DTMF tones (page 39).

Caller ID Service

This service allows you to set whether to notify the other party of your phone number when you make a call.

1. Before the phone number, dial [*] [3] [1] [#] if you want to notify the other party of your phone number and dial [#] [3] [1] [#] if you do not want to notify the other party of your phone number.

Tip

You can set whether to automatically show/hide your phone number (page 237).

Call Costs Service

This service allows you to set whether an estimate for the cost of a call is displayed on the display when the call ends.

1. In standby mode, press [●], select **Contacts** and press [–] (Select).
2. Select **Call Log** and press [–] (Select).
3. Select **Call Costs** and press [–] (Select).
4. Select **Call Cost Display** and press [–] (Select).
5. Select **On** or **Off** and press [–] (Select).

Character Input

Character Input Modes

Your phone has four character input modes. Use these modes when saving new entries to the Contacts list or creating text messages.

Switching Character Input Modes

To switch the character input mode in a character input screen, press (Options), select **Input Method**, press (Select), select a character input mode and press (Select). The selected character input mode is indicated at the top of the character input screen.

- **T9 abc / T9 Abc / T9 ABC:** Allows you to enter characters in T9 mode (page 59).
- **abc/Abc/ABC (Multi Tap mode):** Allows you to directly enter letters of the alphabet. Each press of a digit key switches the letter to the next letter assigned to that key. Select abc for all lowercase characters, Abc for initial caps and ABC for all uppercase characters.
- **Symbols:** Symbol input mode.
- **Numeric:** Numeric input mode.

Tip

- You can perform the following operations in T9 mode or Multi Tap mode.
  - To switch between T9 mode and Multi Tap mode, press and hold .
  - To switch between initial caps, uppercase, lowercase and numeric input mode, press .
  - To display the symbols list to enter a symbol, press .
  - To enter a space, press .
  - To enter a number, press and hold a digit key.
- To delete a character you entered, press (Clear).

Entering Characters in T9 Mode

In T9 mode, you only need to press once each of the digit keys to which the letters of the alphabet you want to enter are assigned. During input, predictions of frequently used words are displayed. Simply select a prediction to enter it. Compared to Multi Tap mode, T9 mode is quicker and easier because fewer keystrokes are required to enter characters.

1. In a character input screen, switch to T9 mode (page 58).
2. Enter characters.

   Example: To enter "toshiba," press 8 tuv 6 mno 7 pqrs 4 ghi 4 ghi 2 abc 2 abc.

   If the word you want to enter does not appear, press ▢ to display the next prediction.
3. Press ● to confirm your selection.

   If you want to reconvert a word after it has been confirmed, press ◀▢▶, highlight the word and press ▢.

Tip

- To display a list of conversion predictions, press ▢ three times in Step 2. Select a word and press –/ (Select) to confirm the word.
- If the word you want to enter does not appear in the list of conversion predictions, the word will appear next time if you add it to the T9 dictionary (page 62).
- To enter a symbol, press 1 ∞.@ and then press ▢.

Entering Characters in Multi Tap Mode

In Multi Tap mode, you can enter a letter of the alphabet by pressing the digit key assigned to the letter as many times as necessary to display the letter.

1. In a character input screen, switch to Multi Tap mode (page 58).
2. Enter characters.

   Example: To enter "toshiba," press 8 tuv once, 6 mno three times, 7 pqrs four times, 4 ghi twice, ▢▶ once, 4 ghi three times, 2 abc twice, ▢▶ once and 2 abc once.

Tip

To enter a symbol, press 1 ∞.@.

Entering Symbols

1. In a character input screen, switch to Symbols mode (page 58).

   A list of symbols appears.

   To display the Emoticon list, press #.

2. Select a symbol and press ●.

Using Numeric Mode

In Numeric mode, you can enter a number in a character input screen by simply pressing the digit key to which the number is assigned.

Text Editing Functions

Copy/Cut

You can copy or cut a range of characters and store it in the clipboard. You can store up to 20 data items (excluding pictures) in the clipboard.

1. In a character input screen, press − (Options), select **Copy** or **Cut** and press − (Select).
2. Use ◆ to move the cursor to the first character of the range you want to specify and press − (Start).
3. Use ◆ to move the cursor to the last character of the range you want to specify and press − (End).

Note

The list of emoticons cannot be displayed for some functions.

Paste

In a character input screen, you can paste characters stored in the clipboard.

1. In a character input screen, use to move the cursor to the position you want to paste the characters.
2. Press (Options), select **Paste** and press (Select).
3. Select the item you want to paste from the clipboard and press .

Undo/Redo

During text input, you can use this feature to redisplay deleted characters and delete inserted characters, as well as redo operations.

1. In a character input screen, enter characters.
2. Press (Options), select **Undo/Redo** and press (Select).

Note

Performing the Redo operation after the Undo operation takes you back to the state prior to performing the Undo operation.

Insert

You can select information in the notepad (page 274), Contacts list (page 63) or My Details (page 81) and insert it during character input.

1. In a character input screen, use to move the cursor to the position you want to insert an item.
2. Press (Options), select **Insert** and press (Select).
3. Select **Notepad**, **Contact Details** or **My Details** and press (Select).
4. Select the item you want to insert and press .

Setting the Input Language

The language displayed in character input screens is the display language set for the language setting (page 230). You can also change the input language temporarily during character input.

1. In a character input screen, press (–) (Options), select **Input Language** and press (–) (Select).
2. Select the input language you want to use and press (–) (Select).

Adding a Word to the T9 Dictionary

If you add an item to the T9 dictionary, it will appear in the list of conversions when the matching characters are entered on future occasions.

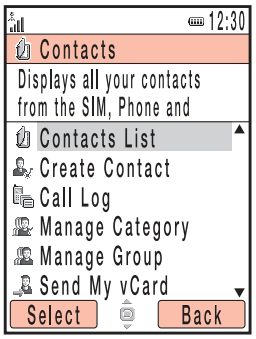
1. In a character input screen in T9 mode, press (–) (Options), select **Add to Dictionary** and press (–) (Select).
2. Enter the word you want to add and press (–) (OK).

   When you enter a word, the mode switches automatically to Multi Tap.

Tip

If (–) (Spell) appears for a word during character input in T9 mode, the word is not in the T9 dictionary. To add the word to the T9 dictionary, press (–) (Spell).

Contacts List



Contacts Menu Screen

Use the Contacts list when making calls and sending messages. You can save up to 500 Contacts list entries to your phone. You can also save Contacts list entries to the SIM card and memory card. The ability to store the maximum amount of entries will depend on the size of entries and available space in the SIM card or memory card.

- **Contacts List:** Displays the Contacts list.
- **Create Contact:** Allows you to add a new entry to the Contacts list.
- **Call Log:** Displays the Call Log screen (page 43).
- **Manage Category:** Displays the Category list for organising entries by category.
- **Manage Group:** Displays the Group list. Groups allow you to send the same message simultaneously to multiple addresses.
- **Send My vCard:** Converts the owner information to vCard format and sends it to an external device.
- **Synchronise:** Synchronises the Contacts list.
- **My Details:** Displays the owner information and allows you to edit the information.
- **Settings:** Allows you to add an entry to the Speed Calling list, set the storage place of the Contacts list and set the scroll speed for the Contacts list screen.
- **Memory Status:** Displays the number of Contacts list entries in each of your phone, SIM card and memory card.

Adding an Entry to the Contacts List

Adding an Entry from the Main Menu

Add new entries from the Create Contact screen. You can set just the required items and modify items or set additional items later.

1. In standby mode, press ●, select **Contacts** and press (Select).
2. Select **Create Contact** and press (Select).
3. Select the item you want to set and press ●.

   The input screen for the selected item appears.

- **First Name:** Allows you to enter a first name.
- **Last Name:** Allows you to enter a last name.
- **Display Name:** Displays the first name and last name you entered automatically. You can also edit the display name.
- **Phone Number:** Allows you to enter up to three phone numbers. You can enter up to 40 digits for each phone number.
- **Email:** Allows you to enter up to three email addresses.
- **Add Info.:** Allows you to enter additional address information.
- **Street Address:** Allows you to enter a street address.
- **City:** Allows you to enter a city name.
- **State:** Allows you to enter a state name.
- **Country:** Allows you to enter a country name.
- **Postcode:** Allows you to enter a postcode.
- **Job Title:** Allows you to enter a job title.

Create Contact Screen of the Phone's Contacts List

Note

- The entry cannot be saved unless information is entered for at least one of First Name, Last Name, Phone Number and Email.
- Only a name and a phone number can be saved to the Contacts list of the SIM card.
- **Picture**, **Settings** and **Note** cannot be set for the Contacts list of the memory card.

Tip

- You can preset the default storage place for Contacts list entries. For details, see "Setting the Default Storage Place" (page 80).
- To clear an item you entered, select **Clear Field** after Step 5.

- **Company:** Allows you to enter a company name.
- **Birthday:** Allows you to enter a birthday.
- **URL:** Allows you to enter a URL.
- **Category:** Allows you to set the category.
- **Picture:** Allows you to set a picture to appear on the display for an incoming call.
- **Settings:** Allows you to set the ringtone and other settings for incoming calls.
- **Note:** Allows you to enter a reminder.

4. Enter the item and press ●.
5. Press – (Options).
6. Select **Save** and press – (Select).

Adding an Entry from Standby Mode

1. In standby mode, enter the phone number you want to add and press ●.
2. Select **Add New Contact** and press – (Select).

   To add the phone number to an existing Contacts list entry, select **Add to Existing**.
3. Proceed from Step 3 of “Adding an Entry from the Main Menu” (page 64).

Incoming Settings

Setting a Picture

1. In Step 3 of "Adding an Entry from the Main Menu" (page 64), select **Picture** and press (–) (Options).
2. Select **Change Picture** and press (–) (Select).
3. Select **Take Picture** or **My Pictures** and press (–) (Select).
   - **Take Picture:** Activates the camera for you to take a picture. For details on taking pictures, see page 102. After taking a picture, press ●.
   - **My Pictures:** Allows you to select a picture from My Items (page 196). To select a file, press ●.
4. Press (–) (Options).
5. Select **Save** and press (–) (Select).

Note

- Copyright protected picture files cannot be set.
- If a video file is set as the ringtone, the video is displayed for incoming calls and the picture set as the incoming picture is not displayed.

Tip

To discard the picture setting, select **Remove Picture** after Step 4.

Setting the Ringtone

You can set the incoming external light, ringtone volume, ringtone pattern and vibration settings individually for each Contacts list entry.

1. In Step 3 of "Adding an Entry from the Main Menu" (page 64), select **Settings** and press (–) (Options).
2. Select **Select** and press (–) (Select).
3. Select the item you want to set and press (–) (Select).
   - **External Light:** Allows you to set the colour of the incoming external light. Select the colour you want to set and press (–) (Select).
   - **Ringtone Volume:** Allows you to set the ringtone volume for incoming calls. Select a ringtone type, select **Set** and set the volume.
   - **Assign Ringtone:** Allows you to set the ringtone pattern for incoming calls or the ringtone duration for incoming messages. Proceed from Step 4 of "Personalising the Ringtone" (page 224).
   - **Vibration:** Allows you to set the vibration for incoming calls. Select a ringtone type and select a vibration pattern.
4. Press (–) (Back) once or twice to return to the Create Contact screen.
5. Press (–) (Options).
6. Select **Save** and press (–) (Select).

Note

When the phone profile (page 222) is set to **Silent**, the ringtone does not play.

Tip

If you select **Same as Phone** in Step 3, the settings will be the same as the corresponding settings of "Phone Profiles" (page 222). The external light setting will be the same as corresponding setting of "Setting the Incoming External Light" (page 235).

Editing Categories

Your phone already has the following categories: **Business Card**, **Private**, **Friend**, **Business**, **VIP** and **Colleague**. In addition, you can set your own categories. You can edit and set the options of categories. For each category, you can set the incoming external light, ringtone volume, ringtone pattern and vibration.

Renaming a Category

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Manage Category** and press – (Select).
3. Select a category and press ●.
4. Press – (Options).
5. Select **Edit** and press – (Select).
6. Enter the category name and press ●.
7. Select an icon and press – (Select).
8. Press – (Options).
9. Select **Save** and press – (Select).

Note

Preset categories cannot be renamed.

Deleting a Category

Note

Preset categories cannot be deleted. To set all Contacts list entries for a category to **No Category**, select **Reset** after Step 1.

1. After Step 2 of “Renaming a Category” (page 68), select the category you want to delete and press – (Options).
2. Select **Delete** and press – (Select).

   A confirmation screen appears.
3. Press – (Yes).

   All Contacts list entries for the deleted category are set to **No Category**.

Setting Options for a Category

Note

The option settings for individual entries (page 67) take priority over the option settings for a category.

1. After Step 3 of “Renaming a Category” (page 68), select **Category Options** and press – (Options).
2. Select **Select** and press – (Select).
3. Proceed from Step 3 of “Setting the Ringtone” (page 67).

Setting Groups

You can set the groups (broadcast lists) to use for MMS and email addresses. There are five groups and you can add up to ten members to each group. For details on using the Group list, see “Creating & Sending an MMS Message” (page 133) and “Creating & Sending an Email Message” (page 157).

Adding a New Member to a Group

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Manage Group** and press – (Select).
3. Select a group and press ●.
4. Select **<Empty>** and press – (Options).
5. Select **Add** and press – (Select).
6. Select **Name** and press ●.
7. Enter a name and press ●.
8. Select **Send to** and press ●.
9. Enter a phone number or email address and press ●.
10. Press – (Options).
11. Select **Save** and press – (Select).

Adding a New Group Member from the Contacts List

1. After Step 4 of "Adding a New Member to a Group" (page 70), select **Get Contacts** and press (Select).
2. Select the member you want to add and press .

   The details of the selected member appear.
3. Select a phone number or email address and press .

Editing Group Members

1. After Step 3 of “Adding a New Member to a Group” (page 70), select the member you want to edit and press (–) (Options).
2. Select **Edit** and press (–) (Select).
3. Select the item you want to edit and press ●.
4. Enter the item and press ●.
5. Press (–) (Options).
6. Select **Save** and press (–) (Select).

Tip

You can perform the following operations after Step 1.

- **View:** Displays the details of the member.
- **Delete:** Deletes the selected member.

Renaming a Group

1. After Step 2 of “Adding a New Member to a Group” (page 70), select the group you want to rename and press – (Options).
2. Select **Rename** and press – (Select).
3. Enter the group name and press ●.

Resetting a Group

1. After Step 2 of “Adding a New Member to a Group” (page 70), select the group you want to reset and press – (Options).
2. Select **Reset** and press – (Select).

   A confirmation screen appears.

3. Press – (Yes).

   The group name is reset and all members are deleted from the group.

Using the Contacts List

You can access a phone number or email address in the Contacts list and then make a call or send an SMS, MMS or email message.

Searching for an Entry in the Contacts List

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Contacts List** and press – (Select).

   The Contacts list appears.
3. Press – (Options).
4. Select **Search by** and press – (Select).
5. Select a search method and press – (Select).
   - **First Name:** Allows you to enter a letter of the alphabet. The cursor moves to a Contacts list entry with the first name beginning with the letter of the alphabet entered.
   - **Last Name:** Allows you to enter a letter of the alphabet. The cursor moves to a Contacts list entry with the last name beginning with the letter of the alphabet entered.
   - **Phone Number:** Displays the phone number input screen for entering a number. After you enter a number, press – (OK). A list of Contacts list entries with phone numbers containing the number you entered is displayed.
6. Select a Contacts list entry and press ✆ to make a call to the default phone number.

Contacts List Screen

Tip

In standby mode, you can display the Contacts list with the cursor on an entry with the first name beginning with a letter of the alphabet assigned to a key if you press and hold any of 2 abc to 9 wxyz.

Tip

- To access the Web page, select the URL in the details screen of the entry, press (Options) and select **Connect**.
- To display the Create Postcard screen (page 166), select the postal address in the details screen of the entry, press (Options) and select **live! Postcard**.

Tip

You can perform the following operations after Step 1. The options that are available vary depending on the item selected.

- **View:** Displays the details of the selected item.
- **Call:** Allows you to select **Voice Call** or **Video Call** to make a call.
- **Edit:** Allows you to edit the selected item.
- **Delete:** Deletes the selected item.

Making a Call

1. In standby mode, press , select **Contacts** and press (Select).
2. Select **Contacts List** and press (Select).

   The Contacts list appears.
3. Select the Contacts list entry you want to access and press .

   The details screen of the entry appears.
4. Select the phone number you want to call and press .

   To make a video call, press .

Sending a Message

1. After Step 3 of "Making a Call" (above), select a phone number or email address and press (Options).
2. Select **Send Message** and press (Select).
3. Select a message type and press (Select).
   - **SMS:** Allows you to create an SMS message (page 144).
   - **MMS:** Allows you to create an MMS message (page 133).
   - **Email:** Allows you to create an email message (page 157).

Using Speed Calling

In standby mode, you can make calls quickly and easily to phone numbers in the Speed Calling list. You can add up to nine phone numbers to the list.

Adding a Phone Number to the Speed Calling List

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Settings** and press – (Select).
3. Select **Speed Calling** and press – (Select).
4. Select **<Empty>** and press – (Add).

   The Contacts list appears.
5. Select the Contacts list entry to add to the Speed Calling list and press ●.

Note

Only Contacts list entries in your phone can be added to the Speed Calling list.

Using Speed Calling to Make Calls

1. In standby mode, enter the speed calling number of the phone number you want to call.
2. Press ✆.

Tip

- The speed calling number is indicated beside the entry in the Speed Calling list.
- If the Contacts list entry in the Speed Calling list contains more than one phone number, a call is made to the default phone number (page 78).

Using Send My vCard

You can convert the owner information appearing in My Details to vObject format (page 203) and send it by infrared or Bluetooth™.

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Send My vCard** and press – (Select).
3. Select a send method and press – (Select).

- **Via Infrared:** Sends the information by infrared (page 293).
- **Via Bluetooth:** Sends the information by Bluetooth™ (page 289).

Using Synchronise

You can synchronise the Contacts list of your phone with a network server or data on a PC. The supplied data management software My Mobile needs to be installed on the PC. For details on the synchronisation procedure, see “Synchronising the Contacts List” (page 302).

Editing Contacts List Entries

You can edit and delete entries in the Contacts list individually.

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Contacts List** and press – (Select).

   The Contacts list appears.
3. Select the Contacts list entry you want to edit and press ●.

   The details screen of the entry appears.
4. Select the item you want to edit and press ●.
5. Press – (Edit).
6. Enter the item and press ●.
7. Press – (Options).
8. Select the save method and press – (Select).

   - **Save:** Saves the edited Contacts list entry by overwriting the original entry.
   - **Save as New:** Saves the edited Contacts list entry as a new entry.

Tip

- To edit the address, category, picture or settings, press – (Options) after Step 3 and select **Edit**. Select the item you want to edit and press ●.
- You can set the following options after Step 7. The options that are available vary depending on the item selected.
  - **Edit:** Displays the input screen of the selected item.
  - **Select:** Displays the screen for selecting the category, ringtone and other options.
  - **Change Picture:** Allows you to change the picture.
  - **Change Type:** Allows you to change the phone number, email address, postal address and URL type.
  - **Set to Default:** Sets the selected phone number to the default phone number.
  - **Remove Picture:** Allows you to delete the picture.
  - **Reset Settings:** Allows you to reset the ringtone and other settings.
  - **Clear Field:** Deletes the selected item.
  - **Clear Category:** Clears the category setting.

Options Available from the Contacts List

You can perform the following operations if you press (Options) from the Contacts list.

- **View:** Displays the details screen for one entry.
- **Search by:** Allows you to search for an entry in the Contacts list (page 74).
- **Edit:** Displays the edit screen for one entry.
- **Delete:** Deletes one or all Contacts list entries.
- **Select Multi:** Allows you to select multiple Contacts list entries and you can perform each of the Delete, Copy, Move, Send vCard, View and Mark All operations on multiple Contacts list entries simultaneously.
- **Send vCard:** Converts a Contacts list entry to vCard format and sends it.
- **Memory Card:** Displays a list of Contacts list entries in the memory card.
- **Phone/SIM:** Displays a list of Contacts list entries in the phone and SIM card.
- **Sort by:** Allows you to change the order that entries appear. You can select a sort option from **First Name**, **Last Name** or **Displayname**.
- **Category Filter:** Displays the Contacts list entries of the selected category.

Setting the Contacts List

Setting the Default Storage Place

You can preset the default storage place for new Contacts list entries. An indicator (/ /) at the top of the Contacts list screen (page 74) indicates the storage place of the Contacts list entry.

1. In standby mode, press , select **Contacts** and press (Select).
2. Select **Settings** and press (Select).
3. Select **Default Storage** and press (Select).
4. Select a default storage place and press (Select).

- **Always Ask:** Asks you to select the storage place each time you save a new entry.
- **Phone Memory:** Saves all new entries to the Contacts list of your phone.
- **SIM:** Saves all new entries to the Contacts list of the SIM card.
- **Memory Card:** Saves all new entries to the Contacts list of the memory card.

Setting the Scroll Speed

You can set the speed for scrolling up and down in the Contacts list.

1. In standby mode, press , select **Contacts** and press (Select).
2. Select **Settings** and press (Select).
3. Select **Scroll Speed** and press (Select).
4. Select **Fast** or **Slow** and press (Select).

Confirming the Memory Status

You can display the number of Contacts list entries in each of your phone, SIM card and memory card.

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Memory Status** and press – (Select).

Owner Information

You can display and edit owner information such as the phone number and email address of your phone.

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **My Details** and press – (Select).

   The owner information appears.
3. Press – (Options).
4. Select **Edit** and press – (Select).

   Perform Steps 3 and 4 of “Adding an Entry from the Main Menu” (page 64).

Video Telephony

A video call allows both you and the other party to see each other's image during the call.

In This Chapter

- About Video Calls
- Making a Video Call
- Answering a Video Call
- Convenient Functions for Video Calls
- Video Call Settings

About Video Calls

A video call allows two parties with video call compatible phones to see each other's image during the call.

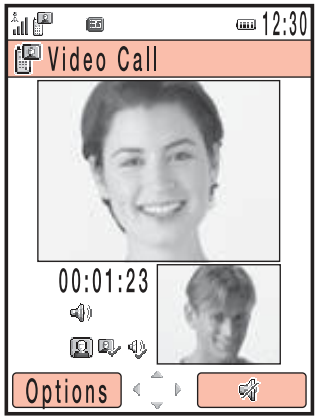
Indicators

The following indicators appear during video calls.

- 3G Area
- Video Call
- Mute
  - Mute My Voice
  - Mute All
- Picture Quality
  - Motion Prioritised
  - Standard Mode
  - Macro Mode
- Handsfree On
  - Handsfree
  - Handsfree (Bluetooth™ connection)
- Image Transfer Off
- Sending Picture
- Voice Connection Established
- Video Connection Established

Note

- A video call is only possible in areas with 3G-network coverage.
- The video call function of your phone complies with the 3G-324M international standard for 3G mobile videophones.



Video Call Screen

Making a Video Call

Note

If a video call connection could not be established, a message appears and a warning tone plays. To make a voice call instead, press (Yes).

Tip

You can also make a video call from the Contacts list (page 75) or call log (page 43).

1. In standby mode, confirm that the indicator for indicating you are in an area with 3G-network coverage is displayed.
2. Enter a phone number and press .

   When a connection is established, both you and the other party see each other's image and can begin talking. The sound automatically switches from the earpiece to the speaker, thus enabling you to begin a handsfree call.

   When Appearance Check (page 95) is set to **On**, your image appears before the call is made. After you have checked the image, press (OK).
3. Press to end the call.

Answering a Video Call

When a video call is received, the ringtone plays, the external light flashes and “Video Call” appears on the display.

1. A video call is received.

To check your image before beginning the call, press (Options) when the call is received, select **Self-view** and press (Select).

2. Press .

When a connection is established, both you and the other party see each other’s image and can begin talking. The sound automatically switches from the earpiece to the speaker, thus enabling you to begin a handsfree call. However, if the phone profile (page 222) is set to Silent when a video call is received, the caller’s voice is heard from the earpiece. To switch the sound from the earpiece to the speaker, press ( ) during a call.

To set image transfer from the camera to off so as you can answer the call as a voice call, press instead of . During the voice call, the substitute picture set in the Outgoing Video settings (page 91) is sent to the other party.

3. Press to end the call.

Tip

- The procedures for rejecting calls (page 40), diverting calls (page 49), Any Key Answer (page 240) and Open to Answer (page 240) are identical to those for voice calls.
- To place an incoming call on hold, press . To answer a call placed on hold, press (Unhold).

Convenient Functions for Video Calls

The following convenient functions are available during calls.

Placing a Call on Hold

You can place a call on hold. While on hold, voice guidance notifies the other party that he/she has been placed on hold. The other party is also sent the picture preset for the Hold Guidance setting (page 94).

1. Press (–) (Options) during a call.
2. Select **Hold** and press (–) (Select).

   To resume a call placed on hold, press (–) (Unhold).

Adjusting the Speaker Volume

You can adjust the speaker volume during a call.

1. Press the side key (or) during a call.
2. Use or side keys (and) to adjust the volume.

   Press or the side key ( ) to increase the volume level and press or the side key ( ) to decrease the volume level.

Tip

If you have switched the sound to the earpiece (page 88), you can use this procedure to adjust the volume of the earpiece.

Turning On/Off the Outgoing Voice

You can turn on/off the outgoing voice during a call. To turn off the outgoing voice, press during a call. To turn the outgoing voice back on, press again.

Setting Mute

You can mute the incoming voice and outgoing voice during a call.

1. Press (–) (Options) during a call.
2. Select **Mute** and press (–) (Select).
3. Select the item you want to set and press (–) (Select).
   - **Mute My Voice:** Mutes the outgoing voice.
   - **Mute All:** Mutes both the outgoing and incoming voice.

Tip

- To cancel mute, press (–) (Unmute).
- If you switch to turnover style during a handsfree call, only the output voice can be muted. If you are using the supplied handsfree stereo headset or a Bluetooth™ device to input your voice, the outgoing voice cannot be muted.

Switching between the Earpiece & Speaker

You can switch between the earpiece and speaker during a call. To switch between the earpiece and speaker, press (–) ( ) or (–) ( ) during a call.

Switching Cameras

You can switch between the external camera and internal camera during a call. To switch cameras, press [📷/🎥] during a call.

Tip

When you switch from the internal camera to the external camera, a large outgoing image appears on the display. When you switch from the external camera to the internal camera, a large incoming image appears on the display.

Note

The zoom is disabled while sending a picture (page 90) or when image transfer is set to off.

Using the Zoom

You can enlarge the image to be sent to the other party during a call.
To use the zoom, press during a call.

Switching Screen Display

You can select the screen display method during a call.

1. Press (Options) during a call.
2. Select **Screen Settings** and press (Select).
3. Select **Switch Screens** and press (Select).
4. Select the display method you want to set and press (Select).

- **Priority Incoming:** Displays a large incoming screen and a small outgoing screen.
- **Incoming Only:** Displays only the incoming screen.
- **Priority Outgoing:** Displays a small incoming screen and a large outgoing screen.
- **Outgoing Only:** Displays only the outgoing screen.

Turning On/Off the Outgoing Video

You can turn on/off the sending of images recorded with the camera during a call. To turn off the outgoing video, press during a call. To turn the outgoing video back on, press again.

Sending a Picture

You can send a picture in My Items during a call.

1. Press (–) (Options) during a call.
2. Select **Screen Settings** and press (–) (Select).
3. Select **Sending Picture** and press (–) (Select).
4. Select **My Pictures** and press (–) (Select).
5. Select the picture you want to send and press ●.
6. Use ◆ to adjust the position of the picture within the dotted line and press ●.
7. Check the picture and press (–) (OK).

   To cancel the sending of a picture, press (–) (Stop).

Setting the Picture Quality

You can set the quality and motion speed of the incoming video.

1. Press (–) (Options) during a call.
2. Select **Screen Settings** and press (–) (Select).
3. Select **Picture Quality** and press (–) (Select).
4. Select the output format you want to set and press (–) (Select).

- **Motion Prioritised:** Gives priority to video motion.
- **Standard Mode:** Standard output format.
- **Macro Mode:** Gives priority to picture quality.

Video Call Settings

You can set various video call settings.

Setting the Outgoing Image

You can preset the outgoing image to send during a video call.

1. In standby mode, press , select **Outgoing Video** and press (Select).

2. Select the item you want to set and press (Select).

- **Camera Monitored:** Sends video images recorded during a call.
- **My Pictures:** Allows you to select a picture to send from the Pictures folder of My Items. Select the picture you want to send, press and then press (Set).
- **No Picture:** Sends a preinstalled picture in your phone.

Note

You can send pictures of QVGA (W240 × H320) size or smaller.

Setting Auto Answer for Video Calls

When the Auto Answer function for video calls is set, video calls received from phone numbers in the Auto Answer list (page 93) are answered automatically without having to press a key.

1. In standby mode, press , select **Auto Answer** and press (Select).
2. Select **Mode Setting** and press (Select).
3. Select **On** or **Off** and press (Select).

Note

- The Auto Answer function for incoming video calls is only available while your phone is open or turnover style. Incoming video calls are received as usual when your phone is closed.
- If a video call is received from a phone number in the Auto Answer list while Auto Answer is set to **On**, the Auto Answer tone plays and the call is answered automatically regardless of the Phone Profile (page 222) settings.

Adding a Phone Number to the Auto Answer List for Video Calls

You can add up to ten phone numbers to the Auto Answer list for video calls to enable Auto Answer (page 92) to answer video calls from those phone numbers.

1. In standby mode, press , select **Auto Answer** and press (Select).
2. Select **Auto Answer List** and press (Select).
3. Press (Add).
4. Enter your security code (page 38).
5. Select a phone number input method and press (Select).

- **From Contacts:** Allows you to select a phone number from the Contacts list (page 74).
- **Set Number:** Allows you to directly enter a phone number.
- **From Call Log:** Allows you to select a phone number from the call log (page 43).

To add a second or subsequent phone number, press (Options) after Step 2. Then, select **Add** and proceed from Step 4.

Tip

To check, edit or delete the phone number, select the phone number and press (Options) after Step 3.

Setting the Backlight

You can set whether the backlight is lit during an appearance check or video call.

1. In standby mode, press , select **Backlight** and press (Select).
2. Select **On** or **Off** and press (Select).

Hold Guidance Settings

You can set the picture displayed to the other party when you place an incoming video call or video call in progress on hold.

1. In standby mode, press , select **Hold Guidance** and press (Select).
2. Select the item you want to set and press (Select).
   - **Hold Answer:** Allows you to set the hold guidance for incoming calls.
   - **Hold during Call:** Allows you to set the hold guidance for calls in progress.
3. Select the image type you want to set and press (Select).
   - **Preset Picture:** Allows you to set the default picture.
   - **My Pictures:** Allows you to select a picture from the Pictures folder of My Items. Select the picture you want to set, press and then press (Set).

Note

- You can send pictures of QVGA (W240 × H320) size or smaller.
- A copyright protected picture cannot be selected.

Setting Appearance Check

This feature allows you to check the image to send to the other party before making a video call.

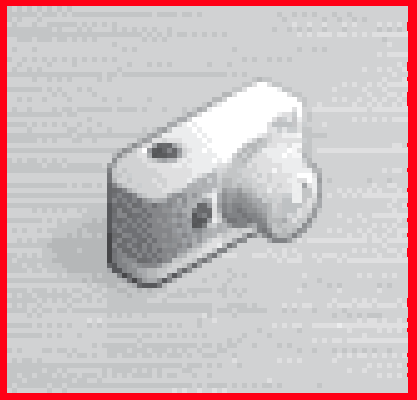
1. In standby mode, press , select **Appearance Check** and press (Select).
2. Select **On** or **Off** and press (Select).

Camera/Video Camera

You can take pictures and record videos and then save them, attach them to messages and display them on a TV. You can also edit pictures.

In This Chapter

- Camera
- Pictures
- Videos
- Picture & Video Settings



Camera

You can use the camera to take pictures and record videos, as well as to scan QR code barcodes (page 279).

Modes

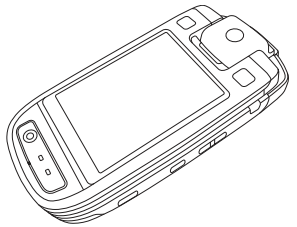
Change the orientation of the phone according to the mode.

Modes for Taking Pictures

- **Landscape Mode:** Allows you to take high-quality pictures at VGA or higher resolution.
- **Portrait Mode:** Allows you to take pictures at QVGA size or smaller for use as wallpaper, etc.
- **Scanner:** Allows you to scan QR code barcodes. For details, see “Barcode” (page 278).

Modes for Recording Videos

- **Camcorder:** Allows you to record videos up to approximately 20 minutes long. The recording time depends on the amount of available memory in the storage place.
- **For MMS:** Allows you to record videos for sending attached to MMS messages.

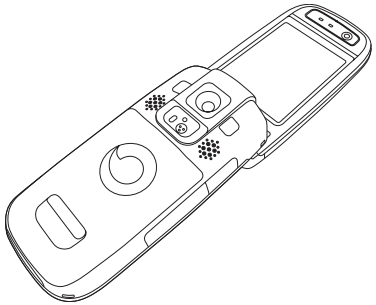


Turnover Style

Style for Landscape Mode and Camcorder

Open Style

Style for Portrait Mode and For MMS



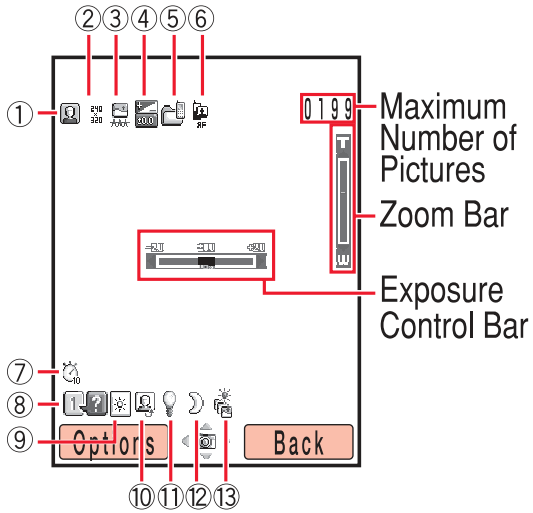
Self-portrait Style

Style for taking pictures and recording videos of yourself

Note

Soft keys appear on the monitor screen at the following times:

- When you take pictures in Portrait mode of open style or self-portrait style.
- When you record videos in For MMS of open style or self-portrait style.



Camera Monitor Screen

Screens

About Screens

There are two camera/video camera screens: the monitor screen and preview screen.

- **Monitor screen:** The standby screen that appears from when you activate the camera/video camera until when you begin taking a picture or recording a video.
- **Preview screen:** The screen that appears after taking a picture or recording a video to allow you to view the picture or video.

Explanation of Indicators

Camera Indicators

① Picture Mode/Multi Shots:
Landscape Mode, Portrait Mode, Scanner, Internal Camera in Use, Multi Shots (High Speed), (Normal Speed), (Low Speed)

② Picture Size:
W1600 × H1200 (UXGA), W1280 × H1024 (SXGA), W1024 × H768 (XGA), W640 × H480 (VGA), W240 × H320 (QVGA), W144 × H176 (QCIF), W120 × H160 (QQVGA), W112 × H112 (Caller ID), W96 × H128 (Sub QCIF)

③ Picture Quality: Fine, Normal, Economy

⑥ Focus Mode: Auto, Macro, Infinity

⑫ Night Mode

⑬ Auto Bracket

Video Camera Indicators

⑮ Video Mode: Video Mode, Internal Camera in Use

⑯ Video Size: W320 × H240 (QVGA), W176 × H144 (QCIF)

⑰ Video Quality: Super Fine, Fine, Normal

⑱ Voice Record Off

⑲ Status:

Standby, Recording, Stopped, Playing, Paused, Forward, Rewind, Frame Forward/Slow Playback, Frame Rewind

Camera & Video Camera Indicators

④ Exposure Control: ... ... -2.0 ... ±0 ...+2.0

⑤ Storage Place: Phone, Memory Card

⑦ Delay Timer: 5 sec., 10 sec., 20 sec.

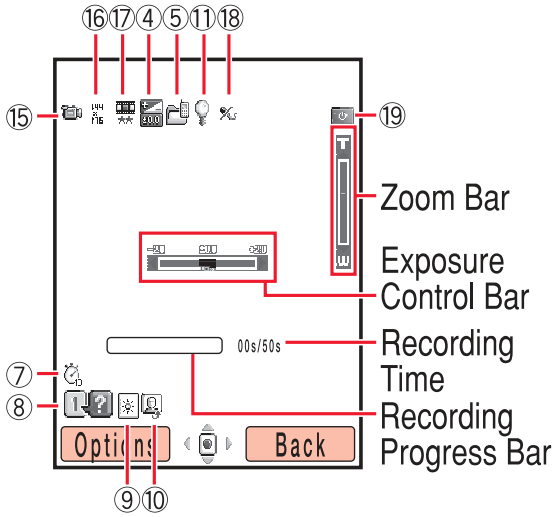
⑧ Guide Display

⑨ White Balance:

Daylight, Shade, Cloudy, Fluorescent, Tungsten

⑩ Self-view

⑪ Mobile Light



Video Monitor Screen

Tip

To switch between the camera and video camera, press and hold .

TV Display

You can display pictures/videos from the monitor screen or preview screen on a TV. The TV systems supported by your phone are the NTSC and PAL systems. The SECAM system is not supported. For details, see “Displaying Files on a TV” (page 201).

Confirming the Memory Status

You can confirm the usage status of your phone and memory card.

1. In standby mode, press ●, select **Camera** and press – (Select).
2. Select **Memory Status** and press – (Select).

Pictures

Taking a Picture

You can use the camera to take pictures. There are two modes for taking pictures: Landscape mode and Portrait mode (page 98). You can also edit the pictures you take and set them for Contacts list entries.

1. In standby mode, press (/) or the side key ( ).
2. Display the subject in the main display and press or the side key ( ).

   The shutter sound is heard and the picture is saved automatically to the preset storage place (page 125).

Tip

- If the Preview setting (page 128) is set to **On**, the preview screen appears after the picture is saved automatically.
- If the picture was taken in Landscape mode, you can adjust the zoom in the preview screen.
- To return to the monitor screen so as you can take another picture, press (Back) or the side key ( ).
- To end the camera, press or press and hold the side key ( ).
- To set the Full Screen setting from the preview screen, press (Options) and select **Full Screen**.

Note

- Some send functions may be unavailable depending on the SIM card inserted.
- If the Preview setting (page 128) is set to **Off**, the picture cannot be sent.

Preview Screen Send Functions

1. Press ● from the preview screen.
2. Select a send method and press – (Select).
   - **As MMS:** Allows you to send the picture attached to an MMS message (page 133).
   - **live! Postcard:** Allows you to attach the picture to an MMS message and send it as a postcard (page 166).
   - **To live! Studio:** Allows you to upload the picture to a media album on the Web (page 169).
   - **Via Infrared:** Allows you to send the picture by infrared (page 293).

Key Operations

You can adjust the exposure and zoom from the monitor screen. To adjust the exposure, press ◁ to make the picture darker and press ▷ to make the picture lighter. To adjust the zoom, press ▲ or the side key (▲) to zoom in and press ▼ or the side key (▼) to zoom out.

To adjust the exposure while in the turnover style, press the side key ( ), select **Advanced** and press the side key ( ). Then, select **Exposure Control** and press the side key ( ). Press the side key (▼) to make the picture darker and press the side key (▲) to make the picture lighter.

Picture Sizes

For details on setting the picture size, see “Changing the Picture Size” (page 120).

- **Landscape Mode:** Allows you to select a picture size from W1600 × H1200 (UXGA), W1280 × H1024 (SXGA), W1024 × H768 (XGA) and W640 × H480 (VGA).
- **Portrait Mode:** Allows you to select a picture size from W240 × H320 (QVGA), W144 × H176 (QCIF), W120 × H160 (QQVGA), W112 × H112 (Caller ID) and W96 × H128 (Sub QCIF).

Viewing a Picture

1. Press (–) (Options) from the monitor screen.
2. Select **My Pictures** and press (–) (Select).
3. Select the picture you want to view and press ●.

Deleting a Picture

You can delete the picture displayed in the preview screen.

1. Press (–) (Options) from the preview screen.
2. Select **Delete** and press (–) (Select).
3. Press (–) (Yes).

Default Recipient for MMS

Note

If the Preview setting (page 128) is set to **Off**, the picture cannot be sent.

Immediately after you take a picture in turnover style, you can send it attached to an MMS message to the address preset for the default recipient (page 143). The maximum picture size and file size for sending a picture are predetermined. If the picture exceeds a predetermined size, it is compressed and then sent.

1. After you take a picture in turnover style, press the side key ( ) from the preview screen.
2. Select **As MMS** and press the side key ( ).

   If the picture was taken in Landscape mode, press the side key ( ) after the compressed picture appears.

Functions for Taking Pictures

Switching Camera Modes

Tip

For details on changing the picture size in Landscape mode and Portrait mode, see page 120.

For details on camera modes, see “Modes for Taking Pictures” (page 98).

1. Press (Options) from the monitor screen, select **Camera Mode** and press (Select).
2. Select **Landscape Mode**, **Portrait Mode** or **Scanner** and press (Select).

Focus Mode

1. Press (–) (Options) from the monitor screen, select **Focus Mode** and press (–) (Select).
2. Select the item you want to set and press (–) (Select).
   - **Auto:** Adjusts the focus automatically.
   - **Macro:** Suitable for taking a picture of a subject that is very close to you.
   - **Infinity:** Suitable for taking a picture of a subject that is very far away from you.

Night Mode

You can use this mode for taking pictures of night scenes, etc.

1. Press (–) (Options) from the monitor screen, select **Night Mode** and press (–) (Select).
2. Select **On** or **Off** and press (–) (Select).

Tip

To adjust the focus when Auto is set, press or half press the side key ( ) from the monitor screen. After the focus is adjusted, the complete sound is heard and the focus is locked.

Note

- If night mode is set, Auto of focus mode is unavailable.
- If multi shots or auto bracket is set, night mode is unavailable.

Note

- If auto bracket is set, multi shots is unavailable.
- If multi shots is set, the zoom cannot be adjusted.

Tip

To delete a picture, select the picture you want to delete after Step 2 of "Deleting a Picture" (page 104), press ● to add a check mark, press – (Options) and select **Delete**.

Multi Shots

You can take up to nine pictures in succession.

1. Press – (Options) from the monitor screen, select **Multi Shots** and press – (Select).
2. Select **High Speed**, **Normal Speed**, **Low Speed** or **Off** and press – (Select).

Frame Setting

You can set the frame to add before you take a picture. For details on setting a frame afterwards, see page 111.

1. Press (–) (Options) from the monitor screen, select **Add Frame** and press (–) (Select).
2. Select **Preset Frames** or **My Pictures** and press (–) (Select).

   A list of frames appears.
3. Select the frame you want to add from the list and press ●.

   The frame appears in the monitor screen.

   To display the previous or next frame of the list, press ✱A/a or #.
4. Press (–) (OK).

Note

When taking pictures in Landscape mode or at Sub QCIF size, a frame cannot be set.

Note

- When taking pictures in Landscape mode, auto bracket cannot be set.
- If multi shots is set, auto bracket is unavailable.
- If auto bracket is set, the zoom cannot be adjusted.

Tip

To delete a picture, select the picture you want to delete after Step 2 of "Deleting a Picture" (page 104), press ● to add a check mark, press – (Options) and select **Delete**.

Auto Bracket

You can take three pictures of the same subject at different exposure levels. By comparing all three pictures, you can choose the optimal exposure level.

1. Press – (Options) from the monitor screen, select **Advanced** and press – (Select).
2. Select **Auto Bracket** and press – (Select).
3. Select **On** or **Off** and press – (Select).

Additional Functions for Taking Pictures

- Self-view (page 125)
- Storage Place (page 125)
- Delay Timer (page 126)
- Mobile Light (page 126)
- White Balance (page 127)
- Exposure Control (page 127)

Editing a Picture

You can edit the picture in the preview screen of Portrait mode or pictures saved to My Items. You can edit any picture that is a JPEG or PNG file of QVGA size or smaller with 100,000 pixels or less.

Changing the Picture Size

You can change the sizes of the pictures you take.

1. Press (–) (Options) from the preview screen, select **Edit Picture** and press (–) (Select).
2. Select **Picture Size** and press (–) (Select).
3. Select a picture size or **Define** and press (–) (Select).

   The selected picture size is indicated by a dotted line.

   If you selected **Define**, enter a picture size (W16 to 240 × H16 to 320) and press (–) (OK).
4. Use ⊕ to adjust the position of the picture within the dotted line and press ●.
5. Press (–) (OK) and ●.
6. Select a save method and press (–) (Select).

   - **Save:** Overwrites the file of the original picture.
   - **Save as:** Saves the picture as a new file. Enter a file name and press ●.

Tip

You can perform the following operations if you press (–) (Options) after Step 3.

- **Cut:** Trims the image to fit the selected picture size.
- **Fit to Width:** Resizes the picture to fit the width of the selected picture size.
- **Fit to Length:** Resizes the picture to fit the height of the selected picture size.

Adding a Frame

You can add frames to the pictures you take. You can select a frame from preinstalled frames or frames saved to My Items.

1. Press (–) (Options) from the preview screen, select **Edit Picture** and press (–) (Select).
2. Select **Add Frame** and press (–) (Select).
3. Select **Preset Frames** or **My Pictures** and press (–) (Select).

   If you selected **Preset Frames**, select a frame size and press (–) (Select).
4. Select the frame you want to add and press ●.

   The framed picture appears.

   If the frame size and picture size differ, you can use ◆ to adjust the position of the frame.

   To switch to another frame, press * A/a or # .
5. Press (–) (OK) and ●.
6. Select a save method and press (–) (Select).

   - **Save:** Overwrites the file of the original picture.
   - **Save as:** Saves the picture as a new file. Enter a file name and press ●.

Adding a Stamp

You can paste stamps on the pictures you take. You can select a stamp from preinstalled stamps or stamps saved to My Items.

1. Press (–) (Options) from the preview screen, select **Edit Picture** and press (–) (Select).
2. Select **Add Stamp** and press (–) (Select).
3. Select **Preset Stamps** or **My Pictures** and press (–) (Select).
4. Select the stamp you want to paste and press ●.
5. Use ◆ to adjust the paste position and press ●.
6. Press ● twice.
7. Select a save method and press (–) (Select).
   - **Save:** Overwrites the file of the original picture.
   - **Save as:** Saves the picture as a new file. Enter a file name and press ●.

Tip

- To paste the same stamp again, press (–) (Options) after Step 5 and select **Continue**.
- To undo the pasting of a stamp, press (–) (Options) after Step 5 and select **Undo All**.

Adding Text

You can add text to the pictures you take.

1. Press – (Options) from the preview screen, select **Edit Picture** and press – (Select).
2. Select **Add Text** and press – (Select).
3. Select **Large Font**, **Standard Font** or **Small Font** and press – (Select).
4. Select a font colour and press – (Select).
5. Enter text and press ●.

   You can enter up to 18 characters with the large font, 24 characters with the standard font and 40 characters with the small font.

6. Use ◆ to adjust the paste position and press – (Paste).
7. Press ●.
8. Select a save method and press – (Select).

   - **Save:** Overwrites the file of the original picture.
   - **Save as:** Saves the picture as a new file. Enter a file name and press ●.

Rotating a Picture

You can rotate and then save the pictures you take.

1. Press – (Options) from the preview screen, select **Edit Picture** and press – (Select).
2. Select **Rotate Image** and press – (Select).
3. Select the angle to which you want to rotate the picture and press – (Select).
   - **90 degrees:** Rotates the picture 90 degrees clockwise.
   - **180 degrees:** Rotates the picture 180 degrees.
   - **270 degrees:** Rotates the picture 270 degrees clockwise (90 degrees anticlockwise).
4. Press – (OK) and ●.
5. Select a save method and press – (Select).
   - **Save:** Overwrites the file of the original picture.
   - **Save as:** Saves the picture as a new file. Enter a file name and press ●.

Caller ID

You can register a picture taken in Portrait mode at Caller ID size (page 104) to a Contacts list entry and set it to be displayed as the incoming picture along with the name and phone number.

1. After you take a picture at Caller ID size, press – (Options) from the preview screen, select **Assign to Contact** and press – (Select).
2. Select **Add New Contact** and press – (Select).

   To add the picture to an existing Contacts list entry, select **Add to Existing**.
3. Proceed from Step 3 of “Adding an Entry from the Main Menu” (page 64).

Videos

Recording a Video

You can use the camera to record videos. There are two modes for recording videos: Camcorder and For MMS (page 98).

1. In standby mode, press and hold or the side key ( ).
2. Display the subject in the main display and press or the side key ( ).

   The start sound is heard and recording begins.

   To pause recording, press or the side key ( ). To resume recording, press or the side key ( ).
3. Press or the side key ( ).

   The end sound is heard and the video is saved automatically to the preset storage place (page 125).

Note

A video being recorded in For MMS cannot be paused.

Tip

- If the Preview setting (page 128) is set to **On**, the first frame of the video appears in the preview screen after the video is saved automatically.
- To return to the monitor screen so as you can record another video, press (Back) or the side key ().
- To end the video camera, press or press and hold the side key ( ).
- To set a video recorded in For MMS as an incoming ringtone (page 67) of a Contacts list entry, press (Options) from the preview screen and select **Assign to Contact**.

Note

- Videos recorded in Camcorder cannot be sent.
- Some send functions may be unavailable depending on the SIM card inserted.
- If the Preview setting (page 128) is set to **Off**, the video cannot be sent.

Preview Screen Send Functions

1. Press ● from the preview screen.
2. Select a send method and press – (Select).

- **As MMS:** Allows you to send the video attached to an MMS message (page 133).
- **To live! Studio:** Allows you to upload the video to a media album on the Web (page 169).
- **Via Infrared:** Allows you to send the video by infrared (page 293).

Key Operations

You can adjust the exposure and zoom from the monitor screen. To adjust the exposure, press ◀ to make the video darker and press ▶ to make the video lighter. To adjust the zoom, press ▲ or the side key (▲) to zoom in and press ▼ or the side key (▼) to zoom out.

To adjust the exposure while in the turnover style, press the side key (▲), select **Advanced** and press the side key (●). Then, select **Exposure Control** and press the side key (●). Press the side key (▼) to make the video darker and press the side key (▲) to make the video lighter.

Video Sizes

- **Camcorder:** Records at the QVGA (W320 × H240) video size. You can save up to approximately 20 minutes of video to your phone or memory card. The recording time depends on the amount of available memory in the storage place.
- **For MMS:** Records at the QCIF (W176 × H144) video size. You can send videos attached to MMS messages.

Playing a Video

1. Press (–) (Options) from the monitor screen.
2. Select **My Videos** and press (–) (Select).
3. Select the video you want to play and press (●).

   Press and hold (▷) to forward the video and press and hold (◁) to rewind the video.

   Press (▲) or the side key (▲) to increase the playback volume and press (▼) or the side key (▼) to decrease the playback volume.

Note

If a video was recorded in For MMS, forward, rewind, frame forward, frame rewind and slow playback are unavailable.

Tip

To pause a video during playback, press (●). When a video is paused, press (▷) for frame forward, press and hold (▷) for slow playback and press (◁) for frame rewind.

Deleting a Video

You can delete the video displayed in the preview screen.

1. Press (–) (Options) from the preview screen.
2. Select **Delete** and press (–) (Select).
3. Press (–) (Yes).

Default Recipient for MMS

Immediately after you record a video in For MMS of turnover style, you can send it attached to an MMS message to the address preset for the default recipient (page 143).

1. After you record a video in turnover style, press the side key (▲) from the preview screen.
2. Select **As MMS** and press the side key (▲).

Note

If the Preview setting (page 128) is set to **Off**, the video cannot be sent.

Functions for Recording Videos

Switching Record Modes

For details on record modes, see “Modes for Recording Videos” (page 98).

1. Press – (Options) from the monitor screen, select **Record Mode** and press – (Select).
2. Select **Camcorder** or **For MMS** and press – (Select).

Recording Sound

You can set whether to record sound during recording.

1. Press – (Options) from the monitor screen, select **Voice Record** and press – (Select).
2. Select **On** or **Off** and press – (Select).

Additional Functions for Recording Videos

- Self-view (page 125)
- Storage Place (page 125)
- Delay Timer (page 126)
- Mobile Light (page 126)
- White Balance (page 127)
- Exposure Control (page 127)

Picture & Video Settings

Settings for Taking Pictures

Changing the Picture Quality

You can change the picture quality for camera modes.

1. In standby mode, press ●, select **Camera** and press – (Select).
2. Select **Settings** and press – (Select).
3. Select **Camera Settings** and press – (Select).
4. Select **Picture Settings** and press – (Select).
5. Select **Picture Quality** and press – (Select).
6. Select **Fine**, **Normal** or **Economy** and press – (Select).

Changing the Picture Size

1. After Step 4 of “Changing the Picture Quality” (above), select **Picture Size** and press – (Select).
2. Select **Landscape Mode** or **Portrait Mode** and press – (Select).
3. Select the picture size you want to set and press – (Select).

   For details on picture sizes, see page 104.

Picture Effects

You can change the colour adjustment setting for taking pictures.

1. After Step 4 of "Changing the Picture Quality" (page 120), select **Picture Effects** and press – (Select).
2. Select the colour adjustment you want to set and press – (Select).

- **Sepia:** Sepia tone picture.
- **Black & White:** Monochrome picture.
- **Negative:** Reverses the tones.
- **Emboss:** Emphasises the contours to give an emboss look.
- **None:** Normal colour picture.

Date Stamp

You can add a date stamp to pictures.

1. After Step 4 of "Changing the Picture Quality" (page 120), select **Date Stamp** and press – (Select).
2. Select **On** or **Off** and press – (Select).
3. Select the date colour you want to set and press – (Select).

Note

Date stamps cannot be added to pictures taken in Landscape mode or at Caller ID size.

Displaying a Grid

You can display horizontal and vertical gridlines on the monitor screen to use as a vertical and horizontal guide for taking pictures.

1. After Step 3 of "Changing the Picture Quality" (page 120), select **Screen Settings** and press – (Select).
2. Select **Grid** and press – (Select).
3. Select **On** or **Off** and press – (Select).

Shutter Sound

You can set the shutter sound.

1. After Step 3 of "Changing the Picture Quality" (page 120), select **Shutter Sound** and press – (Select).
2. Select **Pattern 1**, **Pattern 2** or **Off** and press ●.

Settings for Recording Videos

Note

The maximum recording time varies depending on the video quality setting.

Changing the Video Quality

1. In standby mode, press ●, select **Camera** and press – (Select).
2. Select **Settings** and press – (Select).
3. Select **Video Settings** and press – (Select).
4. Select **Movie Settings** and press – (Select).
5. Select **Video Quality** and press – (Select).
6. Select **Super Fine**, **Fine** or **Normal** and press – (Select).

Video Effects

You can change the colour adjustment setting for recording videos.

1. After Step 4 of "Changing the Video Quality" (above), select **Effects** and press – (Select).
2. Select the colour adjustment you want to set and press – (Select).

- **Sepia:** Sepia tone video.
- **Black&White:** Monochrome video.
- **Negative:** Reverses the tones.
- **Emboss:** Emphasises the contours to give an emboss look.
- **None:** Normal colour video.

Full Screen Display

You can display subjects and videos over the whole screen.

1. After Step 3 of “Changing the Video Quality” (page 123), select **Screen Settings** and press (Select).
2. Select **Screen Display** and press (Select).
3. Select **Normal** or **Full Screen** and press (Select).

Setting Controller Display

You can set whether to display indicators during recording and playback.

1. After Step 3 of “Changing the Video Quality” (page 123), select **Screen Settings** and press (Select).
2. Select **Controller Display** and press (Select).
3. Select **On** or **Off** and press (Select).

Start & End Sounds

You can set the start and end sounds.

1. After Step 3 of “Changing the Video Quality” (page 123), select **Start/End Sounds** and press (Select).
2. Select **Pattern 1**, **Pattern 2** or **Off** and press .

Tip

To set the Full Screen setting from the preview screen, press (Options) and select **Full Screen**.

Settings for Pictures & Videos

Self-view

This feature allows you to view the monitor screen while you take pictures or record videos of yourself. In self-portrait style, you can use the internal camera or external camera. In turnover style and open style, you can use the internal camera. For details on styles, see page 24.

1. Press – (Options) from the monitor screen, select **Self-view** and press – (Select).
2. Select **Internal Camera**, **External Camera** or **Off** and press – (Select).

Storage Place

You can set the storage places to which to automatically save pictures and videos.

1. Press – (Options) from the monitor screen, select **Save Image to** or **Save Video to** and press – (Select).
2. Select **Phone Memory** or **Memory Card** and press – (Select).

   If more than one folder is available for selection as the storage place, select a folder and press – (Select).

Note

All pictures taken in Landscape mode are saved to the Digital Camera folder.

Delay Timer

This feature allows you to take a picture or start recording after a specified time elapses.

1. Press – (Options) from the monitor screen, select **Advanced** and press – (Select).
2. Select **Delay Timer** and press – (Select).
3. Select **5 sec**, **10 sec**, **20 sec** or **Off** and press – (Select).

Mobile Light

You can turn on the mobile light while taking pictures or recording videos.

1. Press – (Options) from the monitor screen, select **Advanced** and press – (Select).
2. Select **Mobile Light** and press – (Select).
3. Select **On** or **Off** and press – (Select).

White Balance

Under some conditions, the colours in pictures and videos may differ from the actual colours. If so, you can set the white balance so that the colours more closely resemble the actual colours.

1. Press – (Options) from the monitor screen, select **Advanced** and press – (Select).
2. Select **White Balance** and press – (Select).
3. Select the mode you want to set and press – (Select).

- **Auto:** Adjusts the white balance automatically in order to obtain natural colours.
- **Daylight:** Suitable for outdoors under a clear sky.
- **Shade:** Suitable for in the shade.
- **Cloudy:** Suitable for outdoors under a cloudy sky.
- **Fluorescent:** Suitable for fluorescent lighting.
- **Tungsten:** Suitable for incandescent lighting.

Exposure Control

You can adjust the brightness for pictures and videos.

1. Press – (Options) from the monitor screen, select **Advanced** and press – (Select).
2. Select **Exposure Control** and press – (Select).
3. Use ◀▶ to adjust the exposure.

Preview Setting

You can set whether to display the preview screen after you take a picture or record a video.

1. In standby mode, press ●, select **Camera** and press – (Select).
2. Select **Settings** and press – (Select).
3. Select **Camera Settings** or **Video Settings** and press – (Select).
4. Select **Picture Settings** or **Movie Settings** and press – (Select).
5. Select **Preview** and press – (Select).
6. Select **On** or **Off** and press – (Select).

Flicker Adjustment

You can reduce screen flicker by setting the correct frequency for the area.

1. After Step 3 of "Preview Setting" (above), select **Screen Settings** and press – (Select).
2. Select **Flicker Adjustment** and press – (Select).
3. Select **50 Hz** or **60 Hz** and press – (Select).

Setting the File Name

You can preset the file name to use when saving pictures and videos to the date and time or a name of your choice.

1. After Step 3 of “Preview Setting” (page 128), select **File Name** and press – (Select).
2. Select **Date&Time** or **Define** and press – (Select).

   If you selected **Define**, enter the file name you want to set and press ●.

Setting Keypad Shortcuts

You can set whether to use the keypad shortcuts for accessing functions while you are using the camera.

1. After Step 3 of “Preview Setting” (page 128), select **Keypad Shortcut** and press – (Select).
2. Select **On** or **Off** and press – (Select).

The following keypad shortcuts are available while you are taking pictures and recording videos.

	Taking Pictures	Recording Videos
1 ao.@	Key Guide	Key Guide
2 abc	Camera Mode	Record Mode
3 def	Delay Timer	Delay Timer
4 ghi	Picture Effects	Effects
5 jkl	Picture Quality	Video Quality
6 mno	White Balance	White Balance
7 pqrs	Focus Mode	Voice Record
8 tuv	Night Mode	-
9 wxyz	Picture Size	-
0 +␣	-	Screen Display
* A/a	Mobile Light	Mobile Light
#	Self-view	Self-view

Messaging

Messaging allows you to send and receive text messages, pictures, sounds, vObjects and other data via the Vodafone live! Service Centre.

In This Chapter

- Messaging Capabilities
- MMS
- SMS
- MMS/SMS Common Operations
- Email
- Postcard
- live! Studio

Messaging Capabilities

Your phone is equipped with messaging functions for sending and receiving messages. Via the Service Centre, you can exchange text messages, pictures, sounds, vObjects and other data with other phones or PCs and other devices connected to the Internet. For details on the messaging service, contact your service provider.

Message Menu

You can access the Message menu by pressing – ( ) from standby mode.

- **Create Message:** Allows you to create and send an MMS, SMS or postcard message (pages 133, 144, 165).
- **Inbox:** Allows you to check received messages (pages 138, 147).
- **Drafts:** Allows you to save created messages (page 155).
- **Sent Messages:** Allows you to check sent messages (pages 140, 149).
- **Unsent Messages:** Stores messages that could not be sent (page 156).
- **Email:** Allows you to use email (page 157).
- **live! Studio:** Allows you to upload MMS messages, images and sounds to the live! Studio album on the Web and organise uploaded data (page 169).
- **Templates:** Allows you to create messages easily using preset templates (pages 136, 146).
- **Settings:** Allows you to set various MMS, SMS and email settings (pages 141, 149, 150, 162).

Note

The network service is only available while or is displayed on the display.

Tip

Alternatively, you can press from standby mode and select **Messaging** to access the Message menu.

About MMS

The Multimedia Messaging Service (MMS) allows you to exchange multimedia messages containing data such as text, pictures, sounds, animations and video clips. For details on MMS, contact your service provider.

Note

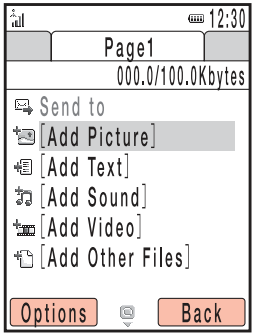
Although the MMS functions vary by country, the main functions are basically the same.

Creating & Sending an MMS Message

You can send a message up to 100 KB including the address, subject, body text and attachment files.

1. In standby mode, press (–) ( ), select **Create Message** and press (–) (Select).
2. Select **MMS** and press (–) (Select).

   The Create MMS Message screen appears.
3. Select the item you want to enter and press ●.



Create MMS Message Screen

- **Add Picture:** Allows you to attach a picture in My Pictures. You can also activate the camera and take a picture to attach.
- **Add Text:** Allows you to enter a message. To set the text colour or font size, select the text you entered, press (–) (Options) and select **Text Options**.
- **Add Sound:** Allows you to attach a sound in Sounds & Ringtones.
- **Add Video:** Allows you to attach a video in My Videos. You can also activate the camera and record a video to attach.
- **Add Other Files:** Allows you to attach files such as vCard files in Other Documents.

Note

Another file may not be able to be added after attaching some types of file.

4. Select **Send to** and press ●.

5. Select **From Contacts**, **Enter Recipient** or **From Group List** and press – (Select).

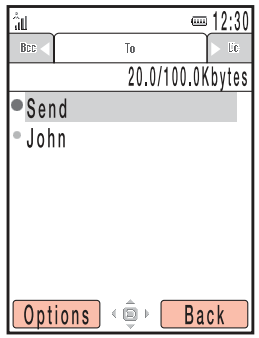
   - **From Contacts:** Allows you to specify an address from the Contacts list (page 74).
   - **Enter Recipient:** Allows you directly enter an address. You can enter up to 256 characters for the address.
   - **From Group List:** Allows you to specify a group as the address from the Group list (page 70).

6. Specify an address and press ●.

   The Recipient list appears.

7. Select **Send** and press ●.

   The message is sent and then saved to Sent Messages.



Recipient List Screen

Tip

Any message that could not be sent is saved to Unsent Messages.

Note

Some items do not appear depending on the position of the cursor.

Recipient List Operations

You can perform the following operations if you press (–) (Options) from the Recipient list.

- **Send:** Allows you to send the message.
- **Edit Recipient:** Allows you to edit addresses.
- **Add Recipients:** Allows you to add addresses. You can enter up to 30 addresses for each of To, Cc and Bcc.
- **Delete Recipient:** Allows you to delete addresses.
- **Edit Message:** Allows you to edit the message.
- **Save to Contacts:** Allows you to save an address to the Contacts list.
- **Set as To/Cc/Bcc:** Allows you to switch To/Cc/Bcc for an address.
- **Save to Drafts:** Saves the message as a draft message to Drafts.
- **Preview Message:** Displays the message in the message preview screen.
- **Edit Subject:** Allows you to enter a subject. You can enter up to 512 characters.
- **Sending Options:** Allows you to set the following sending options: **Delivery Report**, **Read Report**, **Delivery Time**, **Expiry Time** and **MMS Priority**. You can preset these settings in “Sending Settings” (page 142) of the MMS settings.

Using an MMS Template to Create a Message

You can use MMS templates that have preset pictures and sounds to create messages. You can also edit MMS templates.

1. In standby mode, press – ( ), select **Templates** and press – (Select).
2. Select **MMS Templates** and press – (Select).
3. Select a template and press ●.

   For details on the following procedure, see “Creating & Sending an MMS Message” (page 133).

Tip

- If you press – (Options) in Step 3, you can edit or delete the template or upload the template to live! Studio, etc.
- If preset templates have been deleted or edited, you can return them to their initial state by clearing the memory (page 253).

Managing Pages

You can add, delete and replace pages. You can set up to 20 pages for each message.

1. From the Create MMS Message screen (page 133), press – (Options).
2. Select **Add Page** and press – (Select).

   A page is added.

   When there is more than one page, you can perform the following operations if you select **Page Control** in Step 2.

- **Add Page:** Adds a page.
- **Delete Page:** Deletes a page.
- **Previous Page/Next Page:** Takes you to the previous or next page.
- **Move Page:** Moves a page to a specified position.

Tip

To set the page duration or background colour of the page, select **Page Options** in Step 2.

Note

A start time and display duration that exceeds the page duration (page 136) cannot be set.

Setting the File Playback Time

You can set the playback time for the text and attached files.

1. From the Create MMS Message screen (page 133), select text or an attached file and press – (Options).
2. Select **Item Duration** and press – (Select).
3. Select **Start Time** and press – (Select).
4. Enter the start time and press – (OK).
5. Select **Duration** and press – (Select).
6. Enter the display duration and press – (OK).

Checking MMS Messages in Inbox

When a message is received in standby mode, an animation is displayed while the ringtone is playing and your phone is vibrating. If your phone is closed, the animation is displayed on the external display.

The indicator appears at the top of the display. Received messages are saved to Inbox.

To display the Inbox list so as you can check a message after it has been received, select **New MMS** in the information prompt and press (Select).

For details on the operations you can perform from the Inbox list or a message, see page 151.

1. In standby mode, press ( ), select **Inbox** and press (Select).

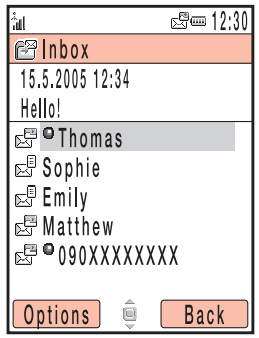
The list appears.

The following indicators appear for MMS messages.

- appears for unread messages.
- MMS message (high priority level, low priority level)
- MMS notification (high priority level, low priority level)
- Delivery report message

Note

- Some attached files cannot be displayed/played unless the corresponding content key (content usage right) is downloaded.
- If you set the DST setting to **On** when the date and time are set to the summer time (page 36), your phone automatically adjusts the reception time displayed for received messages to the summer time.



List Screen

Message Screen

2. Select the message you want to check and press ●.

   The message appears.

   If you receive an MMS message with multiple pages set, pictures, sounds and text are presented in a slideshow-like format. Whether an attached file displays/plays depends on the Auto-extract File setting of “Receiving Settings” (page 141). If there is an attached video or other file, the file icon is displayed.

Receiving Complete MMS Messages

When Retrieve Mode of “Receiving Settings” (page 141) is set to **Deferred** or **Always Ask**, messages are not received automatically. Notifications are received instead.

When a notification is received, the indicator appears at the top of the display. The complete MMS message is stored temporarily at the service centre.

In the notification message, select **<Retrieve MMS>** and press ●.

Checking MMS Messages in Sent Messages

Sent messages are saved to Sent Messages of the mailbox.

For details on the operations you can perform from the Sent Messages list or a message, see page 153.

1. In standby mode, press – ( ), select **Sent Messages** and press – (Select).

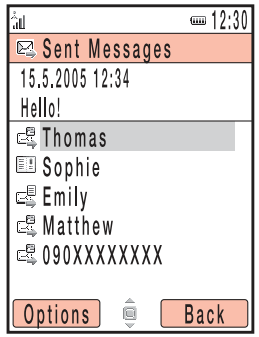
   The list appears.

   The following indicators appear for MMS messages.

   - MMS message (high priority level, low priority level)
   - Delivered MMS message
   - Postcard

2. Select the message you want to check and press .

   The message appears.



List Screen

MMS Settings

You can set various MMS settings.

Receiving Settings

1. In standby mode, press (–) ( ), select **Settings** and press (–) (Select).
2. Select **MMS Settings** and press (–) (Select).
3. Select **Receiving Settings** and press (–) (Select).
4. Select the item you want to set and press (–) (Select).

- **Retrieve Mode:** Allows you to set whether to automatically retrieve messages received by the mail server. There are two settings: **Home Network** and **Roaming Network**. For each of the settings, you can select **Immediate**, **Deferred** or **Always Ask**.
- **Auto-extract File:** Allows you to set whether to automatically display/play picture and sound files attached to messages.
- **Reply for Delivery:** Allows you to set whether to reply to requests for delivery confirmation.
- **Anonymous Msg.:** Allows you to set whether to receive anonymous messages.

Sending Settings

1. After Step 2 of “Receiving Settings” (page 141), select **Sending Settings** and press (–) (Select).
2. Select the item you want to set and press (–) (Select).

- **Sender Visibility:** Allows you to set whether to notify recipients of your address.
- **Delivery Report:** Allows you to receive delivery reports to confirm whether sent messages were delivered to recipients.
- **Delivery Time:** Allows you to specify a time up to seven days in the future for delivering messages from the service centre to recipients.
- **Read Report:** Allows you to receive read reports to confirm whether sent messages were read by recipients.
- **Expiry Time:** Allows you to set the length of time a sent message is stored on the mail server.
- **MMS Priority:** Allows you to set the message priority level to **High**, **Normal** or **Low**.

Setting the Default Recipient

You can set the default recipient you want to send a picture to when your phone is in the turnover style.

1. After Step 2 of “Receiving Settings” (page 141), select **Default Recipient** and press – (Select).
2. Press ●.
3. Select **From Contacts** or **Enter Recipient** and press – (Select).
   - **From Contacts:** Allows you to specify an address from the Contacts list (page 74).
   - **Enter Recipient:** Allows you directly enter an address. You can enter up to 256 characters for the address.
4. Specify an address and press ●.
5. Press – (Options).
6. Select **Save** and press – (Select).

SMS

About SMS

The Short Message Service (SMS) allows you to exchange text message with other phones. For details on SMS, contact your service provider.

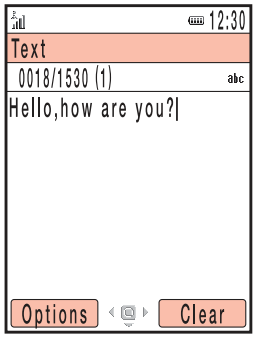
Creating & Sending an SMS Message

1. In standby mode, press (–) ( ), select **Create Message** and press (–) (Select).
2. Select **SMS** and press (–) (Select).

   The Create Message screen appears.
3. Enter a message and press ●.

   The maximum number of characters for one SMS message is 160. If you enter more than 160 characters, the message is split into linking SMS messages when it is sent. Up to ten linking SMS messages can be sent at one time (equivalent to 1,530 characters).
4. Select **From Contacts** or **Enter Recipient** and press (–) (Select).
   - **From Contacts:** Allows you to specify a phone number from the Contacts list (page 74).
   - **Enter Recipient:** Allows you directly enter a phone number. You can enter up to 20 digits.
5. Specify a phone number and press ●.

   The Recipient list appears.



Tip

Any message that could not be sent is saved to Unsent Messages (page 156).

6. Select **Send** and press .

The message is sent and then saved to Sent Messages.

Note

Some items do not appear depending on the position of the cursor.

Recipient List Operations

You can perform the following operations if you press (Options) from the Recipient list.

- **Send:** Allows you to send the message.
- **Edit Recipient:** Allows you to edit the address.
- **Delete Recipient:** Allows you to delete the address.
- **Add Recipient:** Allows you to add an address. You can enter up to ten addresses.
- **Edit Message:** Allows you to edit the message.
- **Save to Contacts:** Allows you to save an address to the Contacts list.
- **Save to Drafts:** Saves the message as a draft message to Drafts.
- **Sending Options:** Allows you to set the following sending options: **Delivery Report** and **Expiry Time**. You can preset these settings in “SMS Settings” (page 149).

Using an SMS Template to Create a Message

Templates allow you to enter messages easily. You can also save frequently used messages as templates.

1. In standby mode, press – ( ), select **Templates** and press – (Select).
2. Select **SMS Templates** and press – (Select).
3. Select a template and press ●.

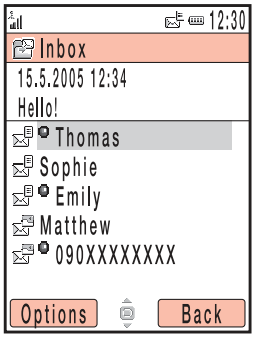
   For details on the following procedure, see “Creating & Sending an SMS Message” (page 144).

Tip

To perform an operation such as editing and deleting a template (except for a preset SMS template), press – (Options) in Step 3.

Note

If you set the DST setting to **On** when the date and time are set to the summer time (page 36), your phone automatically adjusts the reception time displayed for received messages to the summer time.



List Screen

Message Screen

Checking SMS Messages in Inbox

When a message is received in standby mode, an animation is displayed while the ringtone is playing and your phone is vibrating. If your phone is closed, the animation is displayed on the external display.

The indicator appears at the top of the display. Received messages are saved to Inbox.

To display the Inbox list so as you can check a message after it has been received, select **New SMS** in the information prompt and press (Select).

For details on the operations you can perform from the Inbox list or a message, see page 151.

1. In standby mode, press ( ), select **Inbox** and press (Select).

The list appears.

The following indicators appear for SMS messages.

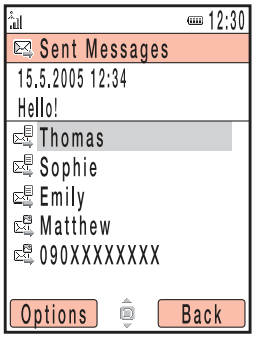
- appears for unread messages.
- SMS Message
- SMS message in the SIM card
- Delivery report message
- WAP Push message

2. Select the message you want to check and press .

The message appears.

Checking WAP Push Messages

WAP Push is an information delivery service that allows you to receive notifications in real time from the Web server. When you receive a message, the indicator appears at the top of the display. If Auto Launch (page 180) of the browser settings is set to **On**, your phone accesses the specified URL as soon as the message is received. Some push messages are just saved to the Inbox.



Checking SMS Messages in Sent Messages

Sent messages are saved to Sent Messages of the mailbox.

For details on the operations you can perform from the Sent Messages list or a message, see page 153.

1. In standby mode, press – ( ), select **Sent Messages** and press – (Select).

   The following indicators appear for SMS messages.

   SMS message SMS message in the SIM card

2. Select the message you want to check and press ●.

   The message appears.

SMS Settings

You can set various SMS settings.

1. In standby mode, press – ( ), select **Settings** and press – (Select).
2. Select **SMS Settings** and press – (Select).
3. Select the item you want to set and press ●.

- **Delivery Report:** Allows you to receive delivery reports to confirm whether sent messages were delivered to recipients.
- **Expiry Time:** Allows you to set an expiry time for messages.
- **Message Centre:** Allows you to edit the centre number for SMS. The centre number is saved to the SIM card.
- **SMS Type:** Allows you to set the SMS type for outgoing messages to **Text**, **Email**, **Fax Group 3**, **Fax Group 4** or **Pager**.

Note

Do not change the centre number for the Message Centre unless your service provider informs you that it has been changed. Otherwise, you will no longer be able to use the service.

MMS/SMS Common Operations

Common Settings

You can set various settings common to MMS and SMS.

1. In standby mode, press (–) ( ), select **Settings** and press (–) (Select).
2. Select **Common Settings** and press (–) (Select).
3. Select the item you want to set and press (–) (Select).

- **Reply Settings:** Allows you to set whether to quote received messages when replying to them.
- **Font Size:** Allows you to select a message font size from **Large**, **Standard** and **Small**.
- **Page Scroll:** Allows you to select the scroll unit of the message display screen from **1 Line**, **Half Screen** and **Full Screen**.

Note

Some items do not appear depending on the message type or screen.

Inbox Operations

You can perform the following operations if you press (–) (Options) from the Inbox list or a message.

- **View:** Allows you to check the contents of the message.
- **Play:** Plays the MMS message from the first page.
- **Reply:** Allows you to reply to the message.
- **Delete:** Deletes one message.
- **Save Sender:** Allows you to save the phone number of the sender to the Contacts list.
- **Select Multi:** Allows you to specify multiple messages and then retrieve or delete them.
- **Forward:** Allows you to forward the message.
- **Call Sender:** Makes a call to the sender of the message.
- **Send to live! Studio:** Allows you to upload the MMS message to a media album on the Web (page 169).
- **Sort by:** Changes the order that messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest**, **Sender**, **Unread to Read** and **Message Type**.
- **Delete All:** Deletes all messages in Inbox.
- **Extract:** Allows you to use a phone number, email address, URL or file (MMS message only) in the message.
- **View Item:** Allows you to view all files attached to the MMS message. You can also play, display and save files.

- **Save as Template:** Allows you to save the message as a template.
- **Copy Text:** Allows you specify a range of text in any part of the message and then copy the text.
- **Move to SIM/Phone:** Allows you to move the SMS message to your SIM card or phone.
- **Details:** Displays the message details (time stamp, priority, address, size, etc.).

Sent Messages Operations

You can perform the following operations if you press (–) (Options) from the Sent Messages list or a message.

- **View:** Allows you to check the contents of the message.
- **Play:** Plays the MMS message from the first page.
- **Resend:** Allows you to edit the message and then resend it.
- **Delete:** Deletes one message.
- **Select Multi:** Allows you to specify multiple messages and then delete them.
- **Forward:** Allows you to forward the message.
- **Extract:** Allows you to use a phone number, email address, URL or file (MMS message only) in the message.
- **Call Recipient:** Makes a call to the recipient of the message.
- **Send to live! Studio:** Allows you to upload the MMS message to a media album on the Web (page 169).
- **Sort by:** Changes the order that messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest**, **Recipient** and **Message Type**.
- **Delete All:** Deletes all messages in Sent Messages.
- **View Item:** Allows you to view all files attached to the MMS message. You can also play, display and save files.

Note

Some items do not appear depending on the message type or screen.

- **Save as Template:** Allows you to save the message as a template.
- **Copy Text:** Allows you specify a range of text in any part of the message and then copy the text.
- **Move to SIM/Phone:** Allows you to move the SMS message to your SIM card or phone.
- **Details:** Displays the message details (time stamp, priority, address, size, etc.).

Using Drafts

You can save the messages you create to Drafts.

1. In standby mode, press (–) ( ), select **Drafts** and press (–) (Select).
2. Select a message and press (–) (Options).
3. Select the item you want to use and press (–) (Select).

- **Edit:** Allows you to edit the message.
- **Delete:** Allows you to select from **One**, **All** or **Select Multi** for deleting messages.
- **Send:** Allows you to send the message.
- **Call Recipient:** Makes a call to the recipient of the message.
- **Send to live! Studio:** Allows you to upload the MMS message to a media album on the Web (page 169).
- **Sort by:** Changes the order that messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest**, **Recipient** and **Message Type**.

Using Unsent Messages

Messages that could not be sent are saved to Unsent Messages.

1. In standby mode, press – ( ), select **Unsent Messages** and press – (Select).
2. Select a message and press – (Options).
3. Select the item you want to use and press – (Select).

- **Edit:** Allows you to edit the message.
- **Send:** Allows you to send the message.
- **Delete:** Deletes the message.
- **Select Multi:** Allows you to specify multiple messages and then send or delete them.
- **Call Recipient:** Makes a call to the recipient of the message.
- **Send to live! Studio:** Allows you to upload the MMS message to a media album on the Web (page 169).
- **Sort by:** Changes the order that messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest**, **Recipient** and **Message Type**.
- **Delete All:** Deletes all messages.

Note

Some items do not appear depending on the message type.

Email

You can exchange long text messages and picture, video and melody attachments with email compatible devices. A separate subscription is required to use email. For details, contact your service provider.

Receiving Email

Unlike MMS and SMS, you need to check whether you have any new messages on the email server and then download them. Received messages are saved to Inbox of Email.

1. In standby mode, press (–) ( ), select **Email** and press (–) (Select).
2. Select **Sync. New Emails** and press (–) (Select).

   Your phone connects to the email server and receives your email messages.

Creating & Sending an Email Message

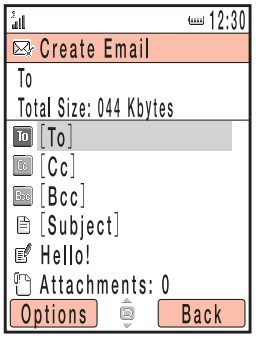
You can send an email message up to 700 KB including the recipient address, subject, body text and attachment files.

1. In standby mode, press (–) ( ), select **Email** and press (–) (Select).
2. Select **Create Email** and press (–) (Select).
3. Enter a message and press ( ).

   You can enter up to 15,000 characters.

4. Select **To** and press ( ).

   You can also set an address for **Cc** or **Bcc**.



Create Email Screen

5. Select **From Contacts**, **Enter Recipient** or **From Group** and press (Select).
   - **From Contacts:** Allows you to specify an address from the Contacts list (page 74).
   - **Enter Recipient:** Allows you to directly enter an address.
   - **From Group:** Allows you to specify a group as the address from the Group list (page 70).
6. Specify an address and press twice.
7. Select **Subject** and press .
8. Enter a subject and press .

   You can enter up to 512 characters.
9. Select **Attachments** and press .
10. Specify an attachment file and press .

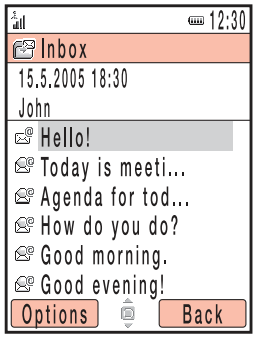
    The Attachment File list appears.

    To add another file, press (Options) and select **Add File**.
11. Press and (Options).
12. Select **Send** and press (Select).

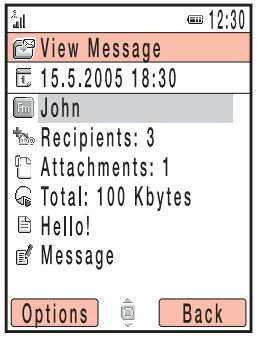
    The message is sent and then saved to Sent Messages.

Tip

- To save the email message you are creating to Drafts, press (Back) in the Create Email screen.
- Any email message that could not be sent is saved to Unsent Messages.



List Screen



View Message Screen

Checking Email Messages in Inbox

Checking Received Messages

Received messages are saved to Inbox.

1. In standby mode, press (–) ( ), select **Email** and press (–) (Select).
2. Select **Inbox** and press (–) (Select).

   The list appears.

   The following indicators appear in the list.

   Unread Read
3. Select the message you want to check and press (●). The View Message screen appears. If **Headers Only** is set for Sync. Option (page 163) of the email settings, only the header is received. To download the message, select **Message** and press (●). After the message is downloaded, it appears.

Inbox Options

You can perform the following operations if you press (Options) from the Inbox list, the View Message screen or a message.

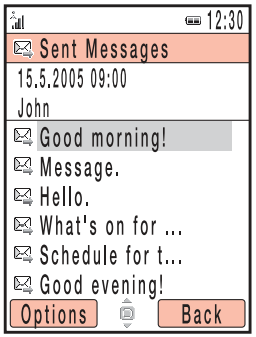
- **View:** Allows you to check the contents of the email message.
- **Reply:** Allows you to reply to the email message.
- **Reply All:** Allows you to reply to all senders of the email message.
- **Forward:** Allows you to forward the email message.
- **Save to Contacts:** Allows you to save the email address of the sender to the Contacts list.
- **Delete:** Deletes the email message.
- **Sort by:** Changes the order that email messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest** and **Sender**.
- **Move:** Allows you to move the email message to a my folder.
- **Extract URL:** Allows you display a URL of a link included in the email message. To connect to the URL, select the link and press .
- **Extract Numbers:** Allows you display a phone number included in the email message. To make a call to the phone number or add it to the Contacts list, select it and press .

Note

Some items do not appear depending on the screen type.

Tip

To display the Attachment File list while the View Message screen is displayed, select **Attachments** and press . To save an attachment file to the phone or memory card, press (Options) and select **Save**.



Note

Some items do not appear depending on the screen type.

Checking Email Messages in Sent Messages

Checking Sent Messages

Successfully sent messages are saved to Sent Messages.

1. In standby mode, press (–) ( ), select **Email** and press (–) (Select).
2. Select **Sent Messages** and press (–) (Select).
3. Select the message you want to check and press ●.

   The message appears.

Sent Messages Options

You can perform the following operations if you press (–) (Options) from the Sent Messages list or the Email Confirmation screen.

- **View:** Allows you to check the contents of the email message.
- **Reply:** Allows you to reply to the email message.
- **Reply All:** Allows you to reply to all senders of the email message.
- **Forward:** Allows you to forward the email message.
- **Save to Contacts:** Allows you to save the email address of the recipient to the Contacts list.
- **Delete:** Deletes the email message.
- **Sort by:** Changes the order that email messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest** and **Recipient**.

Email Settings

You can set various email settings.

1. In standby mode, press – ( ), select **Settings** and press – (Select).
2. Select **Email Settings** and press – (Select).
3. Select the item you want to set and press – (Select).

- **Email Accounts:** Allows you to add and edit an email account (page 163).
- **Vodafone Mail:** Allows you to connect to the Web to set Vodafone Mail settings. You can also change your email address. Follow the on-screen instructions.

Note

Some email settings are saved on the SIM card. Replacing the SIM card may change your email settings.

Email Accounts

You can add and edit email accounts or switch the active email account.

1. After Step 3 of "Email Settings" (page 162), select **Email Accounts** and press (Select).
2. Select **Add Account** and press .

   To switch email accounts, select an account and press .
3. Enter an account name and press .
4. Select the item you want to set and press (Select).

   - **General Settings:** Allows you to set and edit general settings. To edit the account name, select (Account Name). To edit the delete settings for messages on the server, select **Delete on Server**.
   - **Receiving Emails:** Allows you to set and edit settings for receiving email messages. To set the protocol type, select (Protocol) and then select **POP3** or **IMAP4**. To edit the server address, port, user name or password, select **Server Address**, (Port), **Username** or **Password**. To set limits for receiving messages, select (Sync. Option).
   - **Sending Options:** Allows you to set and edit sending options. To edit the server address, port, sender name or sender address, select **Server Address**, (Port), **Sender Name** or **Sender Address**.

Note

- You can add up to three email accounts. However, after you switch email accounts, the messages received for the previous account are no longer displayed in Inbox.
- If you delete an email account, the messages received for the account are also deleted. To retain messages, move them to My Folder1/2/3 before switching email accounts.

Tip

To delete an email account, select the email account you want to delete in Step 2, press (Options) and select **Delete**.

To set whether to use authentication when connected to the server, select (Authentication). To set whether to add a signature automatically or edit the signature, select **Signature**. You can enter up to 256 characters for the signature. To set sent messages to be saved automatically to Sent Messages, select **Auto Save**.

Postcard

Note

The support conditions for this function vary depending on the SIM card.

Postcard is a service that allows you to create an actual postcard by adding a message to a picture taken with the camera or a picture saved to My Items, and then send it to the postal address of a specified recipient. For details on the Postcard service, contact your service provider.

Postcard and MMS/SMS share the same Sent Messages, Unsent Messages and Drafts folders.

Creating & Sending a Postcard

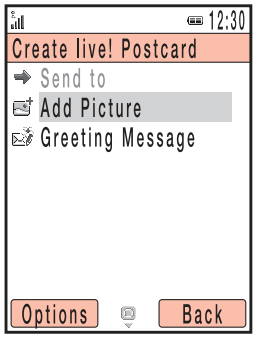
1. In standby mode, press (–) ( ), select **Create Message** and press (–) (Select).
2. Select **live! Postcard** and press (–) (Select).

   The Create Postcard screen appears.
3. Select **Add Picture** and press ●.
4. Select **My Pictures** or **Take Picture** and press (–) (Select).

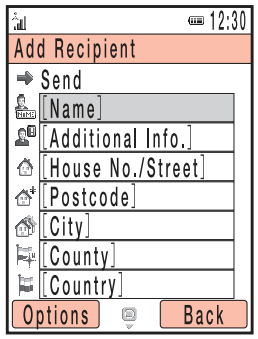
   - **My Pictures:** Allows you to select a picture from My Items.
   - **Take Picture:** Activates the camera so as you can to take a new picture.

   After you select a picture for the postcard, press ●.
5. Select **Greeting Message** and press ●.
6. Enter a message and press ●.

   You can enter up to 200 characters.
7. Select **Send to** and press ●.



Create Postcard Screen



Add Recipient Screen

Note

The postcard cannot be sent if a picture was not selected or the necessary recipient information was not entered.

Tip

- You can also create a postcard if you select **live! Postcard** from the following functions.
  - Camera (page 103)
  - Pictures folder (page 196)
  - Contacts list (page 75)
- You can send the postcard without entering a greeting message.

8. Select **Enter Recipient** or **From Contacts** and press (Select).

- **Enter Recipient:** Allows you directly enter an address.
- **From Contacts:** Allows you to specify an address from the Contacts list (page 74).

The Add Recipient screen appears.

9. Specify an address.

You can specify up to three addresses.

10. Select **Send** and press .

11. Select **Send** and press .

The postcard is sent and then saved to Sent Messages.

Create Postcard Screen Operations

You can perform the following operations if you press (–) (Options) while the Create Postcard screen is displayed.

- **Edit:** Allows you to edit the message.
- **View Picture:** Displays the picture.
- **Edit Picture:** Allows you to specify a picture from My Items. You can also activate the camera to take a picture.
- **Delete Picture:** Deletes the picture.
- **Send to:** Confirms an address and displays the address list. If no address was entered, the Add Recipient screen appears.
- **Preview:** Displays the postcard preview screen.
- **Save to Drafts:** Saves the postcard to Drafts.

Add Recipient Screen Operations

You can perform the following operations if you press (–) (Options) while the Add Recipient screen is displayed.

- **Edit:** Allows you to edit the address.
- **Send:** Confirms the address and displays the Recipient list.
- **Clear:** Clears the selected input item.
- **Clear All Fields:** Clears all address input items.
- **Add Recipient:** Allows you to add another address. Select **Enter Recipient** or **From Contacts**.
- **Import Contact:** Allows you add an address from the Contacts list.
- **Export Contact:** Allows you to save an address to the Contacts list.

Note

Some items do not appear depending on the position of the cursor.

live! Studio

Note

The support conditions for this function vary depending on the SIM card.

Note

Copyright protected images and sounds cannot be selected.

Tip

To upload an MMS message, select the MMS message, press – (Options) and select **Send to live! Studio**.

live! Studio allows you to upload MMS messages, picture and other files in My Items and pictures taken with the camera to Web pages. Some Web pages allow you to share the pictures you have taken and exchange files. For details on live! Studio, contact your service provider.

Uploading a File to live! Studio

1. Press – (Options) after taking a picture with the camera or selecting a file to upload and press – (Options).
2. Select **Send** and press – (Select).
3. Select **To live! Studio** and press – (Select).
4. Select **Move** or **Copy** and press – (Select).

   Uploading begins.

Checking live! Studio Files

1. In standby mode, press – (✉), select **live! Studio** and press – (Select). The browser starts and the live! Studio page appears.

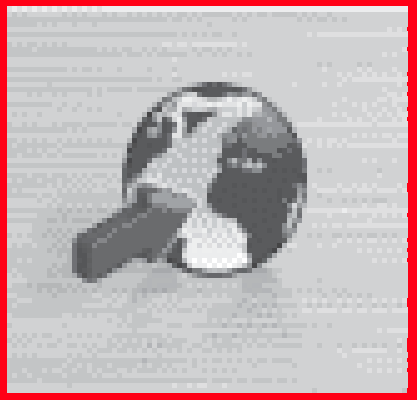
   Follow the on-screen instructions.

Vodafone live!

Vodafone live! is an online service that allows you to use the Internet to access various genres of content. You can browse information or download pictures, melodies and applications.

In This Chapter

- Accessing Vodafone live!
- Bookmarks
- Operations for Web Pages
- Browser Settings
- Games & More
- Media Player



Accessing Vodafone live!

You can access Vodafone live! to search for and obtain information.

A separate subscription is required to use the Vodafone live! service. For details, contact your service provider.

1. In standby mode, press ●, select **Vodafone live!** and press – (Select).

   The Vodafone live! menu appears.

2. Select the item you want to use and press – (Select).

   The ⇄ indicator appears at the top of the display during communication.

3. Press ⏻ to end Vodafone live!.

Note

The network service is only available while 3G or G is displayed on the display.

Tip

To display the Vodafone live! home page, press – (live!) from standby mode.

Vodafone live! Menu

You can perform the following operations via the Vodafone live! menu.

- **Vodafone live!:** Displays the Vodafone live! home page.
- **Enter URL:** Allows you to access a Web page by directly entering the address.
- **Bookmarks:** Allows you to bookmark your favourite Web pages and access bookmarked Web pages (page 175).
- **What's New:** Allows you to obtain the latest information.
- **Games:** Allows you to download games and other applications.
- **Ringtones:** Allows you to download melodies and ringtones.
- **Pictures:** Allows you to download images, animations and wallpaper.
- **News:** Allows you to obtain the latest news, weather reports and other information.
- **Sport:** Allows you to obtain sports news, results, latest scores and other information.
- **History:** Displays the addresses of accessed Web pages in the order of newest to oldest.
- **Browser Settings:** Allows you to set various browser settings (page 180).

Key Assignments for Browsing the Web

The following shows the key assignments for browsing the Web.

In Open Style

: Selects an item or displays the Option menu.

: Takes you back to the previous screen.

: Selects an item.

: Scrolls up or down.

: Scrolls left or right.

: Ends communication. If your phone is not connected, takes you back to standby mode.

to : Acts as a shortcut to a link with a number.

and : Acts as a shortcut to a link with * or #. You can also use these keys to perform supported operations.

Side Key ( ): Increases the volume level.

Side Key ( ): Decreases the volume level. To set the volume to mute, press and hold the key.

In Turnover Style

Side Key ( ), ( ): Scrolls up or down.

Side Key ( ): Takes you back to the previous screen.

Side Key ( ): Selects an item.

Bookmarks

If you bookmark frequently accessed pages, you can access them quickly and easily.

Adding a Bookmark

1. Display the page you want to bookmark and press (–) (Options).
2. Select **Bookmarks** and press (–) (Select).
3. Select **Add Bookmark** and press (–) (Select).
4. Select the title field and press ●.
5. Edit the title and press ●.
6. Press (–) (OK).
7. Select **Root Folder** and press (–) (OK).

Accessing a Page from a Bookmark

1. In standby mode, press ●, select **Vodafone live!** and press – (Select).
2. Select **Bookmarks** and press – (Select).
3. Select the title of the page you want to access and press – (Options).

   To access the page of the selected title, press ●.
4. Select the item you want to use and press – (Select).

- **Go to URL:** Allows you to enter a URL and display the Web page for the URL.
- **Send:** Allows you to send the URL as an SMS, MMS or email message.
- **New Entry:** Allows you to enter a new URL to add as a bookmark. You can also create a new folder.
- **Delete:** Deletes one or all bookmarks.
- **Move:** Moves a bookmark to another folder.
- **Select Multi:** Allows you to select multiple bookmarks and then delete or move them.
- **Edit:** Allows you to edit a bookmark title, URL or folder name.
- **Create Folder:** Allows you to create a folder.

Operations for Web Pages

While a Web page is displayed, you can perform operations such as saving the page, registering it to the Contacts list and copying text.

You can perform the following operations if you press (Options) while a Web page is displayed.

- **Select:** Confirms the item at the cursor position.
- **Bookmarks:** Adds a bookmark for the displayed Web page or references existing bookmarks. You can also create a folder.
- **My Saved Pages:** Saves the displayed page to My Saved Pages.
- **Previous Page:** Takes you back to the previous page.
- **Next Page:** Takes you to the next page (if one exists in cache).
- **Go to URL:** Allows you to enter a URL or select information to display from access history.
- **Send Page:** Allows you to send the displayed page as an SMS, MMS or email message.
- **Reload Page:** Updates the information.
- **Object Select Mode:** Selects a file in the information.
- **Page Details:** Allows you to confirm details such as the title, file size and transfer permission of the displayed information.
- **Other Settings:** Allows you to clear the cache, copy text in the information or display details on the server certificates.
- **Do Actions:** Allows you to perform the action specified in the displayed Web page.

Using Files in Web Pages

You can perform various operations such as saving and displaying/playing picture and animation files in Web pages.

1. Display a Web page containing a file and press (–) (Options).
2. Select **Object Select Mode** and press (–) (Select).
3. Select a file and press (–) (Options).
4. Select the item you want to use and press (–) (Select).

- **Object Details:** Allows you to confirm details such as the file name, file size, save permission and transfer permission.
- **Save Object:** Saves the file to My Items.
- **Play/View:** Plays or displays the file data.
- **Paging Mode:** Takes you back to paging mode.
- **Exit Browser:** Ends the browser.

Note

- Copy restrictions may prevent some files from being saved.
- Some downloaded files may not be able to be displayed/played properly.

Downloading Files from Links

You can download files from links set for character strings and other objects in some Web pages.

1. Display a Web page, select a character string for which a link is set and press ●.
2. Press –/ (Yes).

   Downloading begins.
3. Select the item you want to use and press –/ (Select).

   - **Play:** Plays the file.
   - **Save:** Saves the file to My Items.
   - **Object Details:** Allows you to confirm details such as the file name, file size and file type.

Note

- Copy restrictions may prevent some files from being saved.
- Some downloaded files may not be able to be displayed/played properly.

Browser Settings

You can set various browser settings.

1. In standby mode, press , select **Vodafone live!** and press (Select).
2. Select **Browser Settings** and press (Select).
3. Select the item you want to set and press (Select).

- **Memory Manager:** Clears the access history, Cookies, Web cache and DNS (Domain Name Server) cache. You can also enable or disable the storing of cookies.
- **Certification:** Allows you to confirm details on a certificate issued from a certificate authority.
- **Auto Launch:** Allows you to set whether to start the browser automatically when WAP push message is received.

From Web pages, you can download a variety of Java™ compatible applications such as games and applications that obtain information in real time.

Applications

In addition to ordinary applications that run solely on your phone, some applications need to connect to the network (Web).

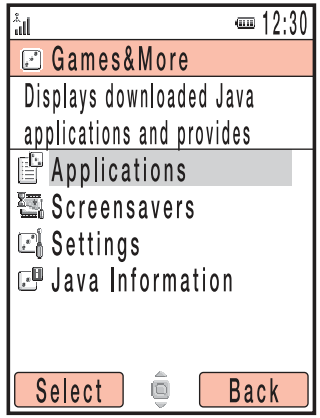
Note

- When you use a network Java™ application, a communication fee is charged each time the application connects to the network. The communication fee is the same as that for using the Web.
- When flight mode is set (page 236), some network Java™ applications may not run properly.

Games&More Menu

1. In standby mode, press ●, select **Games&More** and press – (Select).
2. Select the item you want to use and press – (Select).

- **Applications:** Stores Java™ applications downloaded from the Web and preinstalled Java™ application.
- **Screensavers:** Stores standby mode Java™ applications downloaded from the Web. You can also set which Java™ application runs in standby mode or switch the standby setting on or off (page 184). To set the Java™ application start time or length of time the application runs before pausing, select **Set Time**.
- **Settings:** Allows you to set various Java™ application settings (page 185).
- **Java Information:** Displays an explanation on the Java™ licence.



Downloading Java™ Applications

You can download Java™ applications. Before downloading a Java™ application, you can confirm details such as the download size and storage size.

1. In standby mode, press ●, select **Games&More** and press – (Select).
2. Select **Applications** and press – (Select).
3. Select **More Games** and press – (Select).

   An application download site appears.
4. Select the Java™ application you want to download and press ●.

   The application details screen appears.
5. Press – (Downld.).

   Downloading begins.
6. Press – (Yes).

   The Java™ application list appears.

Note

- If the battery level is low at the start of downloading, the application may not be completely downloaded. Charging the battery beforehand is recommended.
- If you replace the SIM card, downloaded Java™ applications will no longer be available. This does not apply to preinstalled Java™ applications.

Starting a Java™ Application

You can run one Java™ application in standby mode.

1. In standby mode, press ●, select **Games&More** and press – (Select).
2. Select **Applications** and press – (Select).
3. Select the Java™ application you want to start and press ●.

   The indicator appears at the top of the display and the Java™ application starts. If you close your phone, the Java™ application stops.
4. Press ⏻, select **Quit** in the confirmation screen that appears and press ● to end the Java™ application.

Setting the Screensaver

1. In standby mode, press ●, select **Games&More** and press – (Select).
2. Select **Screensavers** and press – (Select).
3. Select **Screensavers** and press – (Select).

   To cancel the screensaver, select **Off**.
4. Select the Java™ application you want to set and press ●.
   To download a screensaver, select **More Screensavers**. Follow the on-screen instructions.
5. Press – (Yes).

Tip

To pause or return to the Java™ application, select **Pause** or **Resume** after pressing ⏻ in Step 4.

Java™ Application Settings

1. In standby mode, press ●, select **Games&More** and press – (Select).

2. Select **Settings** and press – (Select).

3. Select the item you want to set and press – (Select).

- **Priority Settings:** Allows you to set the priority for when there is an incoming call, incoming message or alarm while a Java™ application is running. To give priority to a voice calls, video calls, messages or alarm and pause the Java™ application, select **Voice Calls**, **Video Calls**, **Messages** or **Alarms**. To display a notification at the top of the display without pausing the Java™ application, select **Notification**.
- **Backlight:** If you select **Backlight**, you can set the display lighting setting for when a Java™ application is running. If you select **Blinking**, you can set whether to enable the preset backlight blinking operation of a Java™ application.
- **Volume:** Allows you to adjust the volume for when a Java™ application is running. You can also set the volume to mute.
- **Vibration:** Allows you to set whether to enable the preset vibration operation of a Java™ application.
- **Reset Settings:** If you select **Master Reset**, you can reset all Java™ application function settings. If you select **Clear Memory**, you can reset all Java™ application function settings and delete all downloaded Java™ applications.

Tip

- You can also change the volume level while a Java™ application is running. Press the side key (▲) to increase the volume level and press the side key (▼) to decrease the volume level.
- If the memory is cleared, any preinstalled Java™ applications that were deleted are reinstalled and returned to their initial state.

Managing Java™ Applications

1. In standby mode, press ●, select **Games&More** and press – (Select).
2. Select **Applications** and press – (Select).
3. Select a Java™ application and press – (Options).
4. Select the item you want to use and press – (Select).

- **Start:** Runs the Java™ application.
- **Delete:** Deletes the Java™ application.
- **Select Multi:** Allows you to select multiple Java™ applications and then delete them.
- **Details:** Allows you to confirm details on the Java™ application.
- **Security Settings:** Allows you to set the display method for the confirmation screen that appears when you attempt to use certain functions while a Java™ application is activated.

Media Player

Media Player allows you to play video and audio files attached to MMS messages, connect to a streaming server to stream files and add files to Favourites. You can also play video and audio files downloaded from the Web or videos recorded with the camera.

Media Player supports the following file formats: MP3, MP4, Real Video and Real Audio.

Media Player Menu

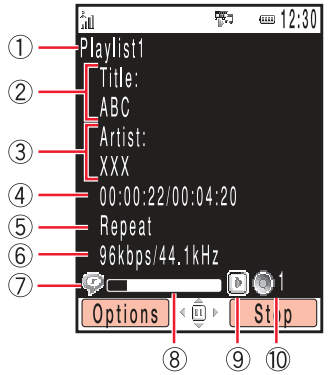
1. In standby mode, press ●, select **Media Player** and press – (Select).
2. Select the item you want to use and press – (Select).

- **My Sounds:** Displays a list of audio files in My Items.
- **My Videos:** Displays a list of video files in My Items.
- **Playlist:** Allows you to create a playlist and play files (page 190).
- **Favourites:** Allows you to add up to ten files and streaming URLs to Favourites.
- **History:** Displays the history for file and streaming playback.
- **Enter URL:** Allows you to enter a URL for streaming playback or starting the browser.
- **Settings:** If you select **Backlight**, you can set the display lighting for playback to **Always On**, **Always Off** or **Same as Phone**. If you select **Visualisations**, you can set a graphic to appear for the playback of audio files. You can also select the picture or animation file to display.

Playing Audio Files

Display Indications

① List name
② Title
③ Artist
④ Elapsed play time/total play time
⑤ Play mode
⑥ Bit rate
⑦ Real logo (Real Audio file playing)
⑧ Progress bar
⑨ Play status (icon)
⑩ Volume level



Playback

You can play files attached to MMS messages and downloaded audio files, or connect to a streaming server to stream audio files.

1. In standby mode, press ●, select **Media Player** and press (Select).
2. Select **My Sounds** and press (Select).
3. Select the audio file you want to play and press ●.

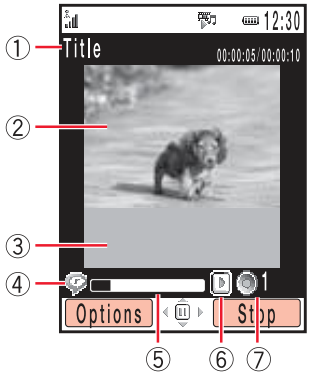
   The playback screen of Media Player appears and playback begins.

   To stop playback, press (Stop).

   Press to increase the playback volume level and press to decrease the playback volume level.

Tip

To start the browser and connect to an audio file download site, select **More Sounds** in Step 3.



Tip

To start the browser and connect to a video file download site, select **More Videos** in Step 3.

Playing Video Files

Display Indications

① Title and elapsed play time/total play time
② Video display
③ Subtitles area
④ Real logo (Real Video file playing)
⑤ Progress bar
⑥ Play status (icon)
⑦ Volume level

Playback

You can play files attached to MMS messages, videos recorded with the camera and downloaded video files, or connect to a streaming server to stream video files.

1. In standby mode, press ●, select **Media Player** and press – (Select).
2. Select **My Videos** and press – (Select).
3. Select the video file you want to play and press ●.

   The playback screen of Media Player appears and playback begins.

   To stop playback, press – (Stop).

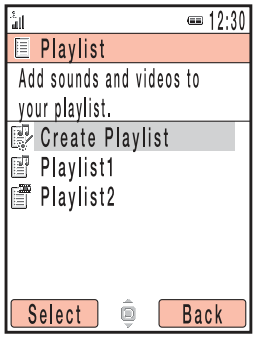
   Press ▲ to increase the playback volume level and press ▼ to decrease the playback volume level.

Creating a Playlist

This feature allows you to create a list of files that you want to play as a set. You can also change the playback order of files in a playlist.

1. In standby mode, press ●, select **Media Player** and press – (Select).
2. Select **Playlist** and press – (Select).
3. Select **Create Playlist** and press – (Select).
4. Enter the name of the playlist and press ●.
5. Select **My Sounds** or **My Videos** and press – (Select).
6. Press – (Options).
7. Select **Select Multi** and press – (Select).
8. Select a file you want to add to the list and press ●.

   To add another file, repeat Step 8.
9. Press – (Options).
10. Select **Add Files** and press – (Select).



Note

A combination of audio and video files cannot be added to the same playlist.

Playing a Playlist

1. In standby mode, press ●, select **Media Player** and press – (Select).
2. Select **Playlist** and press – (Select).
3. Select the playlist you want to play and press ●.

Media Player Operations

You can perform the following operations if you press – (Options) while a file list, history, favourites or playlist is displayed or a file is playing.

- **Play:** Plays a file.
- **View List:** Displays a list of files in the playlist.
- **Send:** Allows you to send a file attached to an MMS message or send a file by infrared.
- **Delete:** Deletes a file or playlist.
- **Delete All:** Deletes all files.
- **Rename:** Allows you to change the name of a file or playlist.
- **Select Multi:** Allows you to select multiple files and then delete or play them or copy or move them to the memory card or phone.
- **Manage File:** Allows you to add a file to a playlist or Favourites. You can also confirm details.

Note

Some items do not appear depending on the screen type.

- **Play Mode:** Plays files repeatedly or in random order.
- **Mute/Unmute:** Allows you to set or cancel mute.
- **Search Time:** Allows you to specify a file playback start time.
- **Full Screen/Normal Screen:** Allows you to change the size of the playback screen.
- **Hide Controller/Show Controller:** Hides or shows the controller.
- **Memory Card/Phone Memory:** Switches the file list display between your phone and memory card.
- **Thumbnail View/List View:** Switches between thumbnails view and list view.
- **Sort by:** Changes the order that files appear. You can select a sort option from **Filename**, **Size**, **Date from Latest** and **Date from Oldest**.
- **Add:** Allows you to add a file to Favourites or a playlist.
- **Add to Favourites:** Allows you to add a file to Favourites.
- **Change Order:** Allows you to change the order of files in the playlist.
- **Details:** Displays file details.

Key Assignment while a File is Playing/Paused

: Pauses/plays the file.

: Increases/decreases the volume.

: Rewinds frame-by-frame a paused file (MP4 file only).

: Forwards frame-by-frame a paused file. You can also slow forward a paused file by pressing and holding the key (MP4 file only).

: Jumps to the next file.

: Jumps to the previous file.

Streaming Playback of Audio/Video

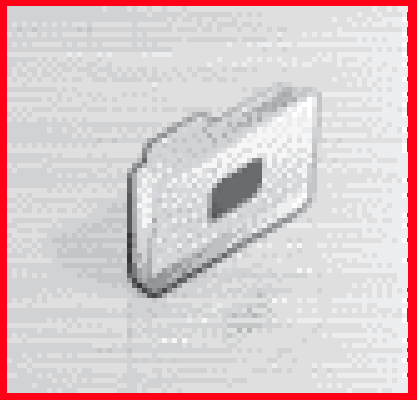
If you select a streaming URL from a Web page or body text of a message, Media Player automatically starts and streams playback so as you can listen to the music or watch the video. The indicator appears at the top of the display during streaming. For details on the display indications that appear during playback, see pages 188 and 189.

My Items

The data you save in your phone is stored in My Items. You can move the data stored in the folders of My Items and edit it for use with other functions.

In This Chapter

- My Items
- Using Files & Folders
- Displaying Files on a TV
- Using vObjects
- Using the Memory Card
- Using the SIM Card



My Items

My Items of your phone contains ten preinstalled folders for storing files. In addition to these, you can create your own folders (personal folders). My Items can store up to a total of a combination of approximately 500 files and personal folders. You can also use My Items of the memory card (page 30). The ability to store the maximum amount of files will depend on available space in the memory card.

Structure of My Items

1. In standby mode, press ●, select **My Items** and press – (Select).

The following folders are preinstalled in your phone.

- **Pictures:** Contains pictures and the Digital Camera folder. Pictures you take in Landscape mode are saved in DCF format to the Digital Camera folder.
- **Videos:** Contains videos.
- **Sounds&Ringtones:** Contains sound files and the Recordings folder. Recordings you record with the voice recorder are saved to the Recordings folder.
- **Games&More:** Contains Java™ applications.
- **My Saved Pages:** Contains URLs and Web pages.
- **Templates:** Contains the SMS Templates folder to store templates for use with SMS messages and the MMS Templates folder to store templates for use with MMS messages.
- **Other Documents:** Contains vCard, vCalendar, SVG and text files, as well as files of unknown types.

Note

- There are no My Saved Pages and Templates folders in My Items of the memory card.
- There are no Java™ applications in Games&More of the memory card.

Tip

- If you select **live! Studio**, you can upload MMS messages, pictures and sounds to the live! Studio album on the Web (page 169).
- To display the memory usage status, select **Memory Status**.
- DCF format files comply with the "Design Rule for Camera File System." This standard was developed for the purpose of facilitating the exchange of digital camera pictures with various devices.

Files Storable in My Items

Folder	File Format (Icon)
Pictures	JPEG ( ), GIF ( ), WBMP ( ), PNG ( )
Digital Camera	JPEG ( )
Videos	MP4 ( ), Real Video ( )
Sounds&Ringtones	AMR/MP3/MP4 ( ), Real Audio ( ), SMF/SP-MIDI ( ), SMAF ( ), XMF ( )
Recordings	AMR ( )
Games&More	Java ( )
My Saved Pages	HTML/XHTML ( )
SMS/MMS Templates	Text (/)
Other Documents	vCard ( ), vCalendar ( ), SVG ( ), Text ( ), Unknown File Types ( )

Using Files & Folders

Connecting to the Web from Folders

You can connect to the Web from within preinstalled folders in My Items.

- **More Pictures:** Allows you to download picture files.
- **More Videos:** Allows you to download video files.
- **More Sounds:** Allows you to download sound files.
- **More Games:** Allows you to download Java™ applications.

Editing Files & Folders

You can perform the following operations if you press (Options) while viewing files or folders in My Items.

- **View:** Displays the selected file.
- **Open:** Opens the selected folder.
- **Connect:** Connects to the preset Web page.
- **Play:** Plays the selected file.
- **Start:** Runs the Java™ application.
- **Send:** Allows you to send the selected file as an MMS attachment or postcard. You can also upload the file to a media album, or send it by infrared or Bluetooth™. Some send functions are unavailable depending on the SIM card inserted.

Note

- Some items do not appear depending on the selected file or folder.
- Some files may not be able to be displayed, played or sent depending on their file size, contents and type.
- Some files saved to the memory card from a PC or other device may not be able to be displayed/played.

Tip

To copy characters selected in a displayed text file to the clipboard (page 60), press (Copy).

- **Delete:** Allows you to delete just the selected file or all files within the folder. Select **One** to delete the selected file and select **All** to delete all files. However, if the folder contains a personal folder, the files within the personal folder are not deleted even if you select **All**.
- **Select Multi:** Allows you to select multiple files and then simultaneously delete, copy or move them.
- **Memory Card/Phone Memory:** Switches the display between My Items in your phone and My Items in your memory card.
- **Details:** Displays the properties of the selected file.
- **Thumbnail View/List View:** Switches the display of files and folders between thumbnails view (icons and images) and list view (text and guide).
- **Slideshow:** Displays the pictures within the folder in sequence automatically.
- **Manage Folder:** Allows you to create a new folder or edit the selected folder. You can select from **Create Folder**, **Rename Folder** and **Delete Folder**.
- **Sort by:** Changes the order that files within the selected folder appear. You can select a sort option from **Filename**, **Size**, **Date from Latest** and **Date from Oldest**.
- **Take Picture:** Activates the camera for you to take a picture. The pictures you take are saved to the Pictures folder.

- **Record Video:** Activates the camera for you to record a video. The videos you record are saved to the Videos folder.
- **Record Voice:** Activates the voice recorder. The recordings you record are saved to the Recordings folder.
- **Create Folder:** Allows you to create a new folder.
- **Create Message:** Displays the Create Message screen for MMS or SMS.
- **Create Template:** Allows you to create a new template.
- **Edit Template:** Allows you to edit the selected template.
- **Rename:** Allows you to change the name of the selected file.
- **Mute/Unmute:** Mutes the playback sound.
- **Search Time:** Allows you to specify a file playback start time and start playback.
- **Full Screen/Normal Screen:** Switches the screen display.
- **Hide Controller/Show Controller:** Hides or shows the controller.
- **Zoom:** Enlarges or reduces the selected picture.
- **Advanced:** Allows you to edit the selected picture.
- **Expand/Reduce:** Expands or reduces the picture attached to the selected file.
- **Save to Contacts/Save to Calendar:** Allows you to save vObjects to the Contacts list or Calendar.
- **Rewind:** Returns the play position of the video being played to the beginning.
- **Reset:** Returns a file to the state directly after it was read.
- **Save:** Allows you to save a file to your phone or memory card.
- **Show Guidance/Hide Guidance:** Shows or hides the key guidance.
- **Security Settings:** Allows you to set the display method for the confirmation screen that appears when you attempt to use certain functions while a Java™ application is activated.
- **Send to live! Studio:** Allows you to upload the MMS message to a media album on the Web.

Displaying Files on a TV

Tip

The use of a TV as a display for the camera is only possible while you are using the external camera.

TV Display Compatible Functions

You can display pictures and videos saved to My Items, screens while the camera is activated and TV display compatible Java™ applications (page 183) on a TV. Also, the camera allows you to use a TV as the display when you take pictures and record videos (page 101).

Switching TV Systems

The TV systems supported by your phone are the NTSC and PAL systems. The SECAM system is not supported.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Settings** and press – (Select).
3. Select **AV Output** and press – (Select).
4. Select **NTSC** or **PAL** and press – (Select).

TV Display

You can display the screens of TV display compatible functions on a TV if you use the supplied video output cable to connect your phone to the video input jacks of the TV.

1. Follow the procedure below to connect your phone to a TV.

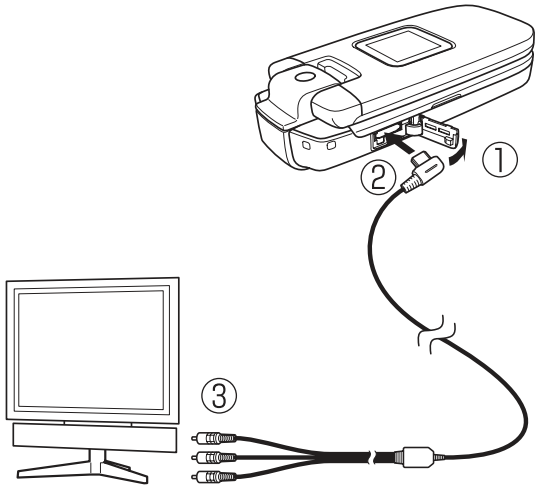
1) Open the AV OUT/earphone microphone jack cover of your phone.
2) Insert the plug of the video output cable into the AV OUT/earphone microphone jack.
3) Connect the video output cable to the video input jacks of the TV.

2. In the main display, open the screen you want to display on the TV, then press and hold AV OUT.

A confirmation screen appears.

3. Press – (Yes). The screen display switches from the main display to the TV.

To switch the screen display from the TV back to the main display, press and hold AV OUT.



Note

- The screen display cannot be switched while you are recording a video or when the delay timer is activated.
- Any of the following may automatically end TV display.
  - Closing your phone
  - Pressing the shutter
  - Ending recording of a video
  - Displaying a submenu or dialog box
  - Displaying the Multi Task screen (page 276)
  - Receiving a voice/video call
  - Receiving a message/Web information or reaching an alarm time up

Using vObjects

About vObjects

vObject is a collective name for file formats that enable your phone and other vObject compatible phones, PCs and other devices to exchange and mutually use data such as Contacts list entries and Calendar data.

You can send and receive vObjects as mail attachments (page 157) or transfer them by Bluetooth™, infrared or via a USB cable. Received files can be used on your phone. If you save vObjects to the memory card, you can use them directly from other memory card compatible phones, PCs and other devices. Similarly, vObjects saved to the memory card from other phones, PCs and other devices can be used on your phone.

- vObject compatible software is required to use the data of vObjects on a PC or other device.
- Depending on the software used, vObjects may not be able to be displayed properly.
- Depending on the contents of vObjects, the exchange of vObjects between a vObject compatible phone and PC or other device may not be possible.
- When vObjects include many characters, all vObject may not be able to be sent or received.

Creating a vObject

1. Display the data for which you want to create a vObject.

   For details on displaying the Contacts list, see page 79.

   For details on displaying Calendar, see page 266.

2. Press – (Options).
3. Select **Send vCard** or **Send vCalendar** and press – (Select).
4. Select a storage place and press – (Select).

   - **To My Items:** Saves the data in vCard/vCalendar format to the Other Documents folder in My Items of your phone.
   - **To Memory Card:** Saves the data in vCard/vCalendar format to the Other Documents folder in My Items of your memory card.

Tip

When importing a vObject that has a picture to the Contacts list, the picture cannot be saved to the Contacts list if it exceeds W112 × H112.

Importing a vObject into a Function

You can add data imported in vObject format from another phone or PC to the Contacts list or Calendar of your phone.

1. In standby mode, press , select **My Items** and press (Select).
2. Select **Other Documents** and press (Select).
3. Select a vObject and press .
4. Press (Options).
5. Select **Save to Contacts** or **Save to Calendar** and press (Select).

Using the Memory Card

You can check and edit pictures and other data saved to the memory card. You can also save a backup of My Items, Contacts list and other data in your phone to the memory card.

Formatting the Memory Card

You can use your phone to format the memory card.

- If the memory card is removed while reading or writing data, the data may be lost or the memory card may be damaged.
- If the memory card is formatted by another device, it may not work properly with your phone. Be sure to use your phone to format the memory card.
- Formatting the memory card deletes all data in the memory card.

1. Insert the memory card in the slot of your phone.
2. In standby mode, press ●, select **Settings** and press – (Select).
3. Select **Memory Settings** and press – (Select).
4. Select **Memory Card** and press – (Select).
5. Select **Format Card** and press – (Select).

6. Enter your security code (page 38).

   A confirmation screen appears.

7. Press – (Yes).

Confirming the Memory Card Usage Status

You can confirm the volume label, total memory size, used memory size and available memory size.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Memory Settings** and press – (Select).
3. Select **Memory Card** and press – (Select).
4. Select **Card Details** and press – (Select).

Using the SIM Card

You can move or copy Contacts list entries from your phone or memory card to the SIM card, as well as move SMS messages from your phone to the SIM card. An indicator at the top of the Contacts list screen (page 74) indicates the storage place of the Contacts list entry. Although the number of Contacts list entries you can save to the SIM card depends on the amount of available memory space, the maximum number of entries is 250.

Moving Contacts List Entries

Moving Entries to the SIM Card

You can move the name and default phone number (page 78) of an entry.

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Contacts List** and press – (Select).
3. Press – (Options).
4. Select **Select Multi** and press – (Select).
5. Select the Contacts list entry with 📱 you want to move from your phone and press ●.

   To select another Contacts list entry, repeat Step 5.
6. Press – (Options).
7. Select **Move** and press – (Select).

Tip

To move Contacts list entries in the memory card to the SIM card, select **Memory Card** after Step 3. After the Contacts list in the memory card appears, proceed from Step 3.

8. Select **To SIM** and press (Select).

- **To Phone Memory:** Moves Contacts list entries with a check mark to the Contacts list of your phone.
- **To Memory Card:** Moves Contacts list entries with a check mark to the Contacts list of your memory card.

Moving Entries from the SIM Card

1. After Step 4 of “Moving Entries to the SIM Card” (page 208), select the Contacts list entries with you want to move from the SIM card and then perform the rest of the Steps.

Copying Contacts List Entries

Copying Entries to the SIM Card

You can copy the name and default phone number (page 78) of an entry.

1. In standby mode, press ●, select **Contacts** and press – (Select).
2. Select **Contacts List** and press – (Select).
3. Press – (Options).
4. Select **Select Multi** and press – (Select).
5. Select the Contacts list entry with you want to copy from your phone and press ●.

   To select another Contacts list entry, repeat Step 5.
6. Press – (Options).
7. Select **Copy** and press – (Select).
8. Select **To SIM** and press – (Select).

- **To Phone Memory:** Copies Contacts list entries with a check mark to the Contacts list of your phone.
- **To Memory Card:** Copies Contacts list entries with a check mark to the Contacts list of your memory card.

Tip

To copy Contacts list entries in the memory card to the SIM card, select **Memory Card** after Step 3. After the Contacts list in the memory card appears, proceed from Step 3.

Copying Entries from the SIM Card

1. After Step 4 of “Copying Entries to the SIM Card” (page 210), select the Contacts list entries with you want to copy from the SIM card and then perform the rest of the Steps.

Moving SMS Messages

You can move messages in the Inbox (page 147) and Sent Messages (page 149) of your phone and messages in your SIM card. Although the number of messages you can save to the SIM card depends on the amount of available memory space, the maximum number of sent and received messages is 50.

Moving Messages to the SIM Card

1. In the Inbox or Sent Messages, select the message you want to move from your phone and press .
2. Press (Options).
3. Select **Move to SIM** and press (Select).
   - **Move to Phone:** Moves messages in the SIM card to your phone.

Moving Messages from the SIM Card

1. In Step 1 of “Moving Messages to the SIM Card” (page 211), select the messages with you want to move from the SIM card and then perform the rest of the Steps.

Settings

You can make various settings to personalise your phone.

In This Chapter

- Display Settings
- Phone Profiles
- Language Setting
- Shortcut Menu
- Shortcut Keys
- External Light Settings
- Flight Mode Setting
- Call Settings
- Using the Stereo Handsfree Headset
- Security Settings
- Network & Internet

Display Settings

Setting the Wallpaper

You can set a picture preinstalled in your phone or taken with the camera as the wallpaper for standby mode.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Display Settings** and press – (Select).
3. Select **Main Display** or **External Display** and press – (Select).
4. Select **Wallpaper** and press – (Select).
5. Select the type of picture you want to set and press – (Select).

- **Wallpaper List:** Allows you to select from pictures preinstalled in your phone. Select the picture you want to set, press ● and press – (Set).
- **My Pictures:** Allows you to select from pictures stored in the Pictures folder of My Items. Select the picture you want to set and press ●. You can set the part within the dotted line as the wallpaper. Use ◆ to adjust the position of the picture within the dotted line. You may also be able to perform the operations described on the right depending on the size of the picture. Confirm the part within the dotted line, press ● and press – (OK).
- **Off:** Sets no picture.

Tip

If the picture you want to set as the wallpaper does not fit the screen, press – (Options) in Step 5 and perform one of the following operations.

- **Cut:** Allows you to trim the picture to fit the screen.
- **Zoom:** Enlarges or reduces the picture and then allows you to position and trim the picture.
- **Fit to Width:** Reduces the picture to fit the width of the screen.
- **Fit to Length:** Reduces the picture to fit the height of the screen.
- **Rotate Image:** Rotates the picture 90 degrees anticlockwise and then allows you to trim the picture.

Setting the Incoming Display

You can set a picture to appear on the main display for incoming calls. You can also set whether the other party's name and phone number appear on the external display for incoming calls.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Call Settings** and press – (Select).
3. Select **Voice Call** or **Video Call** and press – (Select).
4. Select **Caller Details** and press – (Select).
5. Select the item you want to set and press – (Select).

- **Incoming Picture:** Allows you to set the incoming picture. Set **Preset Picture** (default picture) or select the picture you want to set from **My Pictures** (pictures saved to the Pictures folder in My Items).
- **Caller Picture:** Allows you to display a picture associated with a caller in the Contacts list when a call is received from that caller. Select **On** or **Off** and press – (Select). If you want to also display the picture on the external display, set Caller Info to **On**.
- **Caller Info:** Allows you to set the display of the name and phone number set for a caller in the Contacts list on the external display when a call is received from that caller. Select **On** or **Off** and press – (Select).

Note

- You can set a picture of QVGA (W240 × H320) size or smaller for the incoming picture.
- The display area for the incoming picture is W240 × H112.

Tip

For details on the editing (changing the size, etc.) of a picture saved to My Items, see "Editing a Picture" (page 110).

Setting the Clock Display

You can select the clock display for the main display from six types. You can also set whether to display the time on the external display.

Setting the Clock Display for the Main Display

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Display Settings** and press – (Select).
3. Select **Main Display** and press – (Select).
4. Select **Clock Type Display** and press – (Select).
5. Select the type of display you want to set and press – (Select).

- **1-line Digital:** Displays the time and date in one-line digital view.
- **2-line Digital:** Displays the time and date in two-line digital view.
- **Analog Clock:** Displays an analog clock.
- **Digital + Calendar:** Displays the calendar and time in digital view.
- **World Clock:** Displays the city name and the time and date in one-line digital view for both the home city and alternate city if the Alternate City setting is set for the world clock (page 35).
- **Off:** Displays no time and date.

Setting the Clock Display for the External Display

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Display Settings** and press – (Select).
3. Select **External Display** and press – (Select).
4. Select **Time Display** and press – (Select).
5. Select **On** or **Off** and press – (Select).

Switching between the 12-hour and 24-hour Clock

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Settings** and press – (Select).
3. Select **Date&Time** and press – (Select).
4. Select **12 hour/24 hour** and press – (Select).
5. Select **12 hour** or **24 hour** and press – (Select).

Note

You cannot switch the clock that appears in the upper right of the display to the 12-hour clock.

Setting the Date Format

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Settings** and press – (Select).
3. Select **Date&Time** and press – (Select).
4. Select **Date Format** and press – (Select).
5. Select the format you want to set and press – (Select).

Setting the Display Power Saving

You can save battery power by setting the phone to turn off the display after a specified time of inactivity elapses. You can set the display time to 30 seconds, 1 minute or 3 minutes.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Display Settings** and press – (Select).
3. Select **Main Display** or **External Display** and press – (Select).
4. Select **Power Saving** and press – (Select).
5. Select a display time and press – (Select).

Setting the Backlights

You can adjust the brightness and lighting time of the display backlights.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Display Settings** and press – (Select).
3. Select **Main Display** or **External Display** and press – (Select).
4. Select **Backlight** and press – (Select).
5. Select the item you want to set and press – (Select).

- **Brightness:** Allows you to set the brightness. Select **Dark** or **Bright** and press – (Select).
- **Lighting Time:** Allows you to set the lighting time. Enter a time (0 to 60 seconds) and press – (OK).

Setting the Display of Cell Information

You can set whether the cell information sent from a base station is displayed in standby mode when you use your phone on a mobile phone network based on Micro Cellular Network (MCN) technology.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Display Settings** and press – (Select).
3. Select **Main Display** and press – (Select).
4. Select **Cell Information** and press – (Select).
5. Select **On** or **Off** and press – (Select).

Adjusting the Contrast of the External Display

You can adjust the contrast of the external display to one of nine levels.

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Display Settings** and press (Select).
3. Select **External Display** and press (Select).
4. Select **Contrast** and press (Select).
5. Close your phone.

   A screen for adjusting the contrast appears on the external display.

6. Use the side keys (and) to adjust the contrast, open your phone and press (OK).

Phone Profiles

This feature allows you to change the sound and vibration to match your surrounding conditions. Your phone has four preset profiles. You can change the sound and vibration settings of each profile.

- **Normal:** Profile for ordinary use.
- **Silent:** Profile for when you do not want your phone to emit any sound.
- **Car:** Profile for when you want the incoming ringtone volume and multimedia volume set to the maximum levels so that you can hear your phone while you are driving, etc.
- **Meeting:** Profile for meetings, etc.

Switching Profiles

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Profiles** and press – (Select).
3. Select the profile you want to set and press ●.

   If a profile other than Normal is set, the indicator (/ /) for the profile appears at the top of the display.

Note

When your phone is connected to an in-car device or a wireless headset via Bluetooth™, the incoming ringtone for Bluetooth™ plays and your phone does not vibrate for incoming calls regardless of the phone profile settings.

Tip

- To temporarily switch the phone profile to Silent, press and hold #♪ in standby mode. To switch back to previous profile, press and hold #♪ in standby mode.
- You can also set the ringtone and vibration individually for each Contacts list entry (page 67) and each Contacts list category (page 69). When the ringtone and vibration are set for both individual entries and categories, the settings for individual entries take priority over the settings for individual categories. However, when the phone profile is set to **Silent**, the ringtone does not play.

Personalising Profiles

Personalising the Ringtone Volume

For any profile except Silent, you can set the ringtone volume.

1. After Step 2 of “Switching Profiles” (page 222), select **Normal**, **Car** or **Meeting** and press (Options).
2. Select **Personalise** and press (Select).
3. Select **Ringtone Volume** and press (Select).
4. Select **Voice Call**, **Video Call** or **Received Message** and press (Select).
5. Use to adjust the volume and press (OK).
   Use or to increase the volume and use or to decrease the volume.

Tip

- Only the vibration and alarm settings can be changed for Silent profile.
- When the ringtone and vibration are set for both individual Contacts list entries and Contacts list categories, the settings for individual entries take priority over the settings for individual categories. However, when the phone profile is set to **Silent**, the ringtone does not play.

Personalising the Ringtone

For any profile except Silent, you can set a preinstalled sound in your phone or a sound or video in My Items as the ringtone.

1. After Step 2 of "Switching Profiles" (page 222), select **Normal**, **Car** or **Meeting** and press (–) (Options).
2. Select **Personalise** and press (–) (Select).
3. Select **Assign Ringtone** and press (–) (Select).
4. Select **Voice Call**, **Video Call** or **Received Message** and press (–) (Select/Options).

   If you selected **Received Message**, select **Ringtone** and press (–) (Select).
5. Select the type of tone you want to set and press (–) (Select).
   - **Preset Patterns:** Allows you to select from patterns preinstalled in your phone.
   - **Preset Sounds:** Allows you to select from melodies and sound effects preinstalled in your phone.
   - **My Sounds:** Allows you to select from sound and video files stored in My Items.
6. Select the tone you want to set and press ●.
7. Press (–) (Assign).

Note

- A video file cannot be set as the ringtone for incoming messages.
- If a video file is set as the ringtone, the video is displayed for incoming calls and the picture set as the incoming picture (page 215) is not displayed.

Tip

To set the ringtone duration for incoming messages, select **Received Message** in Step 4, press (–) (Options) and select **Ringtone Duration**.

Personalising the Vibration

1. After Step 2 of “Switching Profiles” (page 222), select the profile you want to set and press – (Options).
2. Select **Personalise** and press – (Select).
3. Select **Vibration** and press – (Select).
4. Select **Voice Call**, **Video Call** or **Received Message** and press – (Select).

   If you selected **Silent** in Step 1, select **On** or **Off** and press – (Select).
5. Select the vibration pattern you want to set and press ●.

Personalising the Keypad Tone Volume

For any profile except Silent, you can set the keypad tone volume.

1. After Step 2 of “Switching Profiles” (page 222), select **Normal**, **Car** or **Meeting** and press – (Options).
2. Select **Personalise** and press – (Select).
3. Select **Keypad Volume** and press – (Select).
4. Use ◆ to adjust the volume and press – (OK).

   Use ▲ or ▶ to increase the volume and use ▼ or ◀ to decrease the volume.

Personalising the Keypad Tone

For any profile except Silent, you can set the keypad tone.

1. After Step 2 of “Switching Profiles” (page 222), select **Normal**, **Car** or **Meeting** and press – (Options).
2. Select **Personalise** and press – (Select).
3. Select **Keypad Tones** and press – (Select).
4. Select **Original 1** or **Original 2** and press – (Select).

Personalising the Sound Effects Volume

For any profile except Silent, you can set the volume level of each of the sound effects for turning on/off the power, opening/closing your phone and errors.

1. After Step 2 of “Switching Profiles” (page 222), select **Normal**, **Car** or **Meeting** and press – (Options).
2. Select **Personalise** and press – (Select).
3. Select **Sound Effects Vol.** and press – (Select).
4. Select the item you want to set and press – (Select).
5. Use ◆ to adjust the volume and press – (OK).
   Use ▲ or ▶ to increase the volume and use ▼ or ◀ to decrease the volume.

Personalising the Sound Effects Tones

For any profile except Silent, you can set each of the sound effects for turning on/off the power and opening/closing your phone.

1. After Step 2 of “Switching Profiles” (page 222), select **Normal**, **Car** or **Meeting** and press (Options).
2. Select **Personalise** and press (Select).
3. Select **Sound Effects** and press (Select).
4. Select the item you want to set and press (Select).
5. Select the type of tone you want to set and press (Select).

- **Preset Pattern:** Allows you to set the default sound effect.
- **Preset Sounds:** Allows you to select from melodies and sound effects preinstalled in your phone. Select the sound you want to set, press and then press (Assign).
- **My Sounds:** Allows you to select from sound files stored in My Items. Select the sound you want to set, press and then press (Assign).

Personalising the Multimedia Volume

For any profile except Silent, you can set the volume level for games, messaging, Vodafone live! and playing sound data in My Items.

1. After Step 2 of "Switching Profiles" (page 222), select **Normal**, **Car** or **Meeting** and press (Options).
2. Select **Personalise** and press (Select).
3. Select **Multimedia Volume** and press (Select).
4. Use to adjust the volume and press (OK).
   Use or to increase the volume and use or to decrease the volume.

Personalising the Battery Alarm Tone

When the battery level is very low and your phone is about to run out of power, the battery alarm tone plays. For any profile except Silent, you can set whether to play the battery alarm tone.

1. After Step 2 of "Switching Profiles" (page 222), select **Normal**, **Car** or **Meeting** and press (Options).
2. Select **Personalise** and press (Select).
3. Select **Battery Alarm** and press (Select).
4. Select **On** or **Off** and press (Select).

Note

Whether an alarm tone plays in Normal profile and Car profile depends on the alarm (page 267) and Calendar (page 263) settings.

Personalising the Alarm Tone

You can set whether the alarm tone plays for Silent profile and Meeting profile.

1. After Step 2 of “Switching Profiles” (page 222), select **Silent** or **Meeting** and press (–) (Options).
2. Select **Personalise** and press (–) (Select).
3. Select **Alarm** and press (–) (Select).
4. Select **On** or **Off** and press (–) (Select).

Resetting Profiles

You can reset the settings of each profile.

1. After Step 2 of “Switching Profiles” (page 222), select the profile you want to reset and press (–) (Options).
2. Select **Set to Default** and press (–) (Select).
3. Enter your security code (page 38).

   A confirmation screen appears.
4. Press (–) (Yes).

Language Setting

You can change the display language.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Settings** and press – (Select).
3. Select **Language** and press – (Select).
4. Select the language you want to set or **Automatic** and press – (Select).

Tip

If the language is set to **Automatic**, the language is set automatically in accordance with the language priority setting of the SIM card. If your phone does not support the language set for the SIM card, the default language of your phone is selected.

Shortcut Menu

If you register frequently used functions in the Shortcut menu, you can access them quickly and easily.

Setting the Shortcut Menu

You can set up to nine frequently used functions.

1. In standby mode, press .
2. Select **<Empty>** and press .
3. Press (Yes).
4. Select the function you want to set and press (Select).

   If you selected **My Items** or **Contacts List**, you can set a shortcut for a file, folder or Contacts list entry. Select the item you want to set.

Accessing a Function from the Shortcut Menu

1. In standby mode, press .
2. Select the function you want to access and press .

Tip

To edit a name, cancel a setting or switch the view (**Thumbnail View/ List View**), select a function in Step 2 and press (Options).

Shortcut Keys

This feature allows you to access a function from standby mode easily and quickly by pressing the side key ( ) or navigation key. You can change the functions accessed.

Setting the Side Shortcut Key Function

You can change the function accessed if you simply press and hold the side key ( ) from standby mode. The functions you can set are Main menu (page 37), Calendar (page 263), Profile switch (page 222) and Torch (page 281).

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Phone Settings** and press (Select).
3. Select **Shortcuts** and press (Select).
4. Select **Side Key** and press (Select).
5. Select the function you want to set and press (Select).

Setting the Navigation Key Shortcuts

You can change the functions accessed when you press the navigation keys (up), (down), (left) and (right) from standby mode. The functions you can set are Shortcut menu (page 231), Contacts list (page 63), Create Message (page 133) and Calendar (page 263).

1. In standby mode, press (centre), select **Settings** and press (Select).
2. Select **Phone Settings** and press (Select).
3. Select **Shortcuts** and press (Select).
4. Select **Navigation Keys** and press (Select).
5. Press (Options).
6. Select **Change** and press (Select).
7. Select the function you want to assign to (up) and press (Select).
8. Select the function you want to assign to (down) and press (Select).
9. Select the function you want to assign to (left) and press (Select).

   The remaining function is assigned automatically to (right).

Tip

To reset which functions are assigned to the navigation keys, select **Set to Default** after Step 5.

External Light Settings

Setting the Notification External Light

If you have unchecked information (missed calls and unread messages), the external light flashes when your phone is closed. You can select from three colours for the flashing of the external light or set the external light not to flash.

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Phone Settings** and press (Select).
3. Select **External Light** and press (Select).
4. Select **Notification** and press (Select).
5. Select **Missed Calls** or **Unread Messages** and press (Select).
6. Select the colour you want to set and press (Select).

Setting the Incoming External Light

You can select from five colours for the external light that flashes when you have an incoming voice call, video call or message. You can also set the external light not to flash.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Settings** and press – (Select).
3. Select **External Light** and press – (Select).
4. Select **Incoming** and press – (Select).
5. Select **Voice Calls**, **Video Calls** or **Messages** and press – (Select).
6. Select the colour you want to set and press – (Select).

Tip

When the incoming external light is set for both individual Contacts list entries and Contacts list categories, the settings for individual entries takes priority over the settings for individual categories.

Flight Mode Setting

You can use flight mode to block signal reception and transmission without turning off the power. Flight mode disables the use of network services for making and receiving calls, sending and receiving messages, etc.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Phone Settings** and press – (Select).
3. Select **Flight Mode** and press – (Select).
4. Select **On** and press – (Select).

   The indicator appears at the top of the display.

Note

You can cancel flight mode and make an emergency call if you dial the phone number of an emergency service (page 27) while flight mode is set.

Note

Regardless of this function setting or network setting, you can still show/hide your phone number when you make a call if you directly enter "✳ 31#" or "#31#" (page 57) or if you make a call from the Contacts list to a phone number that has "✳ 31#" or "#31#" added.

Tip

To connect to the network to confirm the setting, select **Network Status** after Step 3 and press (Request).

Note

Even if Auto Answer is set to **On**, a call cannot be answered automatically unless a stereo handsfree headset is connected to your phone. Furthermore, this function cannot be used to answer a video call automatically.

Showing/Hiding Caller ID

You can set whether to automatically notify the other party of your phone number when you make a call.

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Call Settings** and press (Select).
3. Select **Send My Number** and press (Select).
4. Select **Settings** and press (Select).
5. Select the item you want to set and press (Select).

- **Show My Number:** Sets your phone to notify the other party of your phone number.
- **Hide My Number:** Sets your phone to not notify the other party of your phone number.
- **Network Default:** Uses the default network setting.

Setting the Auto Answer

You can answer a call without having to press a key while the stereo handsfree headset is connected. You can also change the length of time before a call is answered.

When Auto Answer is set, the auto answer tone plays regardless of the setting for the phone profile (page 222).

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Call Settings** and press (Select).
3. Select **Voice Call** and press (Select).

4. Select **Auto Answer** and press (Select).
5. Select **On** and press (Select).
6. Enter the answer time (1 to 29 seconds) and press (OK).

Setting Mute

You can mute the outgoing voice or both the outgoing voice and incoming voice for calls.

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Call Settings** and press (Select).
3. Select **Voice Call** or **Video Call** and press (Select).
4. Select **Mute** and press (Select).
5. Select **Mute My Voice**, **Mute All** or **Off** and press (Select).

Enabling/Disabling Incoming Voice Calls during Data Communication

You can set whether to receive incoming voice calls during data communication.

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Call Settings** and press (Select).
3. Select **Voice Call** and press (Select).
4. Select **Call Priority** and press (Select).
5. Select **Enable** or **Disable** and press (Select).

Setting the Earpiece/Speaker Volume

You can set the earpiece/speaker volume for voice calls and video calls.

1. In standby mode, press , select **Settings** and press (Select).
2. Select **Call Settings** and press (Select).
3. Select **Common Settings** and press (Select).
4. Select the volume you want to set and press (Select).
   - **Earpiece Volume:** Allows you to set the volume for sound heard from the earpiece.
   - **Speaker Volume:** Allows you to set the volume for sound heard from the speaker.
5. Use to adjust the volume and press (OK).

   Use or to increase the volume and use or to decrease the volume.

   While you are adjusting the volume, a confirmation tone is played to enable you to hear the volume level.

Setting the Open to Answer

This feature allows you to answer an incoming call by simply opening your phone.

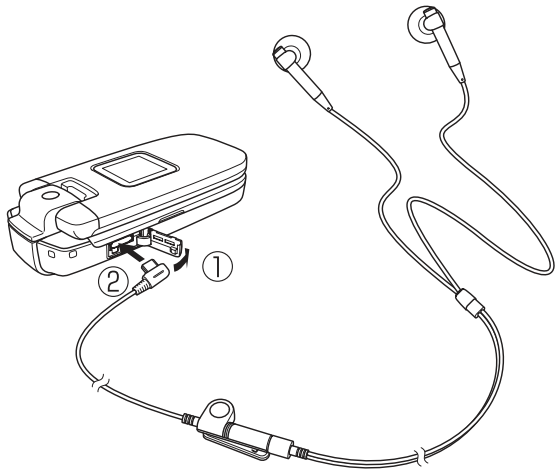
1. In standby mode, press OK, select **Settings** and press Select (Select).
2. Select **Call Settings** and press Select (Select).
3. Select **Common Settings** and press Select (Select).
4. Select **Open to Answer** and press Select (Select).
5. Select **On** or **Off** and press Select (Select).

Setting the Any Key Answer

This feature allows you to answer incoming calls with any key. If Any Key Answer is set to **On**, you can also answer an incoming call if you press any of 0+␣ to 9wxyz, *A/a and #.

1. In standby mode, press OK, select **Settings** and press Select (Select).
2. Select **Call Settings** and press Select (Select).
3. Select **Common Settings** and press Select (Select).
4. Select **Any Key Answer** and press Select (Select).
5. Select **On** or **Off** and press Select (Select).

Using the Stereo Handsfree Headset



If you use the stereo handsfree headset with switch, simply pressing the switch of the stereo handsfree headset allows you to dial a preset phone number or answer a call without even opening your phone.

1. Open the earphone microphone jack cover.
2. Insert the plug of the stereo handsfree headset into the earphone microphone jack.

Setting the Phone Number

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Call Settings** and press – (Select).
3. Select **Voice Call** and press – (Select).
4. Select **Earphone Call** and press – (Select).
5. Select **On** and press – (Select).
6. Select the input method for the phone number and press – (Select).
   - **Set Number:** Allows you to directly enter a phone number.
   - **From Contacts:** Allows you to select a phone number from the Contacts list (page 74).

One-touch Calling

1. Press and hold the switch of the stereo handsfree headset.

   Short beeps are heard from the earphone and a call is made to the preset phone number.

   If you press and hold the switch again during dialling, a beep is heard and the call is cancelled.

2. Press and hold the switch of the stereo handsfree headset to end the call.

   A beep is heard from the earphone and the call ends.

   Alternatively, you can press to end the call.

Note

Making a call with the stereo handsfree headset is only possible from standby mode.

One-touch Answering

1. A call is received.
2. Press and hold the switch of the stereo handsfree headset.

   Short beeps are heard from the earphone and a connection is established.

   If the caller made a video call, the video call begins.

3. Press and hold the switch of the stereo handsfree headset to end the call.

   A beep is heard from the earphone and the call ends.

   Alternatively, you can press to end the call.

Rejecting Incoming Calls

Adding Phone Numbers to the Rejection List

You can save up to 20 phone numbers to the Rejection list to reject calls from those phone numbers.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **Reject Calls** and press – (Select).
4. Select **Select Contact** and press – (Select).
5. Select **On** and press – (Select).
6. Enter your security code (page 38).
7. Press – (Add).
8. Select an input method for the phone number and press – (Select).
   - **From Contacts:** Allows you to select the phone number you want to add from the Contacts list (page 74).
   - **Set Number:** Allows you to directly enter a phone number.
   - **From Call Log:** Allows you to select a phone number from the call log (page 43).

   To add a second or subsequent phone number, press – (Options) after Step 6, select **Add** and proceed from Step 8.

Tip

To check details or edit/delete a phone number, select a phone number after Step 6 and press – (Options).

Rejecting Specific Incoming Calls

You can set your phone to reject calls with no Caller ID or calls from phone numbers not in the Contacts list.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **Reject Calls** and press – (Select).
4. Select the type of call you want to reject and press – (Select).
   - **Withheld:** Rejects calls with no caller ID, calls for which the phone number cannot be displayed and calls from pay phones.
   - **Unknown:** Rejects calls from phone numbers not in the Contacts list.
   - **Select Contact:** Rejects calls from phone numbers in the Rejection list (page 243).
5. Select **On** and press – (Select).

Reception Restriction

Adding an Email Address or Phone Number to the Rejection List

You can add up to 50 email addresses or phone numbers to the Rejection list to reject the reception of messages from those email addresses and phone numbers.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **Reject Addresses** and press – (Select).
4. Select **On** and press – (Select).
5. Enter your security code (page 38).
6. Press – (Add).
7. Select an input method for the email address or phone number and press – (Select).
   - **From Contacts:** Allows you to select the email address or phone number you want to add from the Contacts list (page 74).
   - **Enter Address:** Allows you to directly enter an email address or phone number.

   To add a second or subsequent email address or phone number, press – (Options) after Step 5, select **Add** and proceed from Step 7.

Tip

To check details or edit/delete an email address or phone number, select the email address or phone number after Step 5 and press – (Options).

PIN Codes

You can set the PIN code (page 26) used for SIM card security.

Setting PIN Code Request

You can set whether to request the entering of your PIN code to perform verification each time a SIM card is inserted into the phone and the power is turned on.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **PIN Code Request** and press – (Select).
4. Select **On** and press – (Select).
5. Enter your PIN code and press – (OK).

Note

This setting may not be able to be set for some types of SIM card.

Note

Set PIN Code Request to **On** before you change a PIN code (page 246).

Changing PIN Codes

You can change the PIN code and PIN2 code (page 26).

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **Change PIN** or **Change PIN2** and press – (Select).
4. Enter your current PIN code or PIN2 code and press – (OK).
5. Enter your new PIN code or PIN2 code and press – (OK).
6. Re-enter your new PIN code or PIN2 code for confirmation and press – (OK).

Note

If the PUK/PUK2 code is incorrectly entered ten times in a row, the PUK/PUK2 code lock is set. If the PUK code lock is set, calls other than emergency calls cannot be made. If the PUK2 code lock is set, data saved to the SIM card cannot be modified. If the PUK/PUK2 code lock is set, the lock cannot be cancelled without assistance. For details on how to cancel the lock, contact your service provider.

Cancelling the PIN Lock

If the PIN code or PIN2 code is incorrectly entered three times in a row, the PIN/PIN2 lock is set. You can cancel the PIN/PIN2 lock by entering a personal unblocking key code (PUK/PUK2 code). For details on the personal unblocking key codes, contact your service provider.

1. Enter the PUK/PUK2 code in the PUK/PUK2 code input screen.
2. Enter your new PIN code or PIN2 code and press – (OK).
3. Re-enter your new PIN code or PIN2 code for confirmation and press – (OK).

Changing the Security Code

You can change the security code (page 38) required to use some functions and modify the settings of your phone. The initial security code is “0000” or the four-digit number you selected when you concluded your contract.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **Change Password** and press – (Select).
4. Enter your current security code (page 38).
5. Enter your new security code.
6. Re-enter your new security code for confirmation.

Phone Lock

The phone lock allows you to lock the keys to prevent another person from using your phone without entering your security code (page 38). When the phone lock is set, “Phone Lock” appears in standby mode. Until you set the phone lock to **Off**, the keys are locked each time the power is turned on.

Setting the Phone Lock

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **Phone Lock** and press – (Select).
4. Enter your security code (page 38).
5. Select **On** and press – (Select).

   The indicator appears on the display.

Cancelling the Phone Lock Temporarily

1. Enter your security code while the phone lock is set and press – (OK).

   The indicator disappears.

   To cancel the phone lock, cancel the lock temporarily and then set it to **Off**.

Note

When the phone lock is set, the information prompt (page 22) does not appear.

Tip

When the phone lock is set, you can still perform the following operations.

- Turn the power on and off.
- Cancel the phone lock temporarily.
- Make calls to emergency services (page 27).
- Answer voice calls and video calls.
- Divert calls (page 49).
- Reject calls (page 40).
- Adjust the ringtone volume while a call is being received (page 40).
- Stop the alarm.
- Pause a Java™ application (page 184) set to run in standby mode.

Fixed Dialling Numbers

You can restrict the making of calls and sending of messages to only phone numbers in the Fixed Dialling Number list of the SIM card.

Setting Fixed Dialling Numbers

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **Fixed Dialling No.** and press – (Select).
4. Select **Setting** and press – (Select).
5. Enter your PIN2 code and press – (OK).
6. Select **On** and press – (Select).

Note

This function is unavailable for some SIM cards.

Tip

When Fixed Dialling Numbers is set to **On**, you can still make calls to emergency services (page 27).

Note

Before performing this operation, set the Fixed Dialling Number setting to **On** beforehand (page 250).

Tip

To display details, make a call, create a message or delete/edit a phone number, select a phone number after Step 4 and press – (Options).

Adding Phone Numbers to the Fixed Dialling Number List

You can add up to 40 phone numbers to the Fixed Dialling Number list. The ability to store the maximum amount of phone numbers will depend on available space in the SIM card.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Security Settings** and press – (Select).
3. Select **Fixed Dialling No.** and press – (Select).
4. Select **Edit Dial List** and press – (Select).
5. Select **<Empty>** and press – (Add).
6. Enter your PIN2 code and press – (OK).
7. Select **Name** or **Dial Number** and press – (Options).
8. Select **Edit** and press – (Select).
9. Enter a name or phone number and press ●.
10. Press – (Options) after setting the items.
11. Select **OK** and press – (Select).

Key Guard

The key guard allows you to disable the keys to prevent unintentional operations while your phone is in your bag or pocket.

Setting the Key Guard

1. In standby mode, press and hold ✱A/a.

   The indicator appears on the display.

Cancelling the Key Guard

1. Press and hold ✱A/a while the key guard is set.

Note

When the key guard is set, the information prompt (page 22) does not appear.

Tip

When the key guard is set, you can still perform the following operations.

- Cancel the key guard.
- Make calls to emergency services (page 27).
- Answer voice calls and video calls. Key operation is enabled when calls are received, but the Any Key Answer (page 240) function remains disabled.
- Divert calls (page 49).
- Reject calls (page 40).
- Adjust the ringtone volume while a call is being received (page 40).
- Stop the alarm.
- Pause a Java™ application (page 184) set to run in standby mode.

Initialising Your Phone

You can delete all saved data such as Contacts list entries, My Items files and messages, as well as reset all function settings.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Memory Settings** and press – (Select).
3. Select **Phone Memory** and press – (Select).
4. Select **Clear Memory** and press – (Select).
5. Enter your security code (page 38).

   A confirmation screen appears.
6. Press – (Yes).

   Your phone is initialised and then automatically turned off and on.

Note

This operation does not reset the data of the security code (page 38), SIM card and memory card.

Tip

To view an approximate indication of the memory status for Emails, messages, My Items, Contacts list and Calendar, select **Memory Status** after Step 3.

Network & Internet

You can set the network (telecommunications carrier) and system mode to use. You can also set the network connection information for using the Web and email.

Selecting the Network

You can set the network by selecting an available network in your current area automatically or selecting a network manually from a list.

1. In standby mode, press ●, select **Settings** and press (Select).
2. Select **Network&Internet** and press (Select).
3. Select **Select Network** and press (Select).
4. Select **Select Network** and press (Select).
5. Select the item you want to set and press (Select).
   - **Automatic:** Selects an available network automatically.
   - **Manual:** Allows you to select a network from the displayed list and connect to the network. An available network is indicated by the or indicator.

Adding a Network

You can add up to five new networks.

1. After Step 3 of "Selecting the Network," select **Add New Network** and press (Select).
2. Select **<Empty>** and press (Options).
3. Select **Edit** and press (Select).
4. Select the item you want to set and press ●.

Note

- Note that you may no longer be able to connect to the home network if the settings are set incorrectly.
- If you select **Manual**, another network needs to be selected if the network you set is unavailable when you turn on the power. When the settings screen appears, proceed from Step 5.

Tip

To delete an added network, select the network you want to delete after Step 1, press (Options) and select **Delete**.

5. Enter the item and press ●.
6. Press – (Options) after the settings the items.
7. Select **Save** and press – (Select).

Preferred Setting

In the Preferred Network list, you can set the priority order for selecting networks. The Preferred Network list is saved to the SIM card. You can add up to 100 networks to the list. The ability to store the maximum amount of networks will depend on available space in the SIM card.

1. After Step 3 of "Selecting the Network" (page 254), select **Set Preferred** and press – (Select).
2. Press – (Options).
3. Select the operation you want to perform and press – (Select).

- **Add:** Allows you to select the network you want to add from the Network list and add it to the bottom of the Preferred Network list.
- **Insert:** Allows you to select the network you want to add from the Network list and insert it in a specified place in the Preferred Network list.
- **Move:** Allows you to select the network you want to move and change the order by moving the network in the list.
- **Delete:** Deletes the selected network.

Setting the System Mode

You can set the phone to select the system mode from UMTS (3G) or GSM automatically or set the system mode fixed to UMTS or GSM.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Network&Internet** and press – (Select).
3. Select **System Mode** and press – (Select).
4. Select the item you want to set and press – (Select).

- **Dual:** Allows you to set your phone to select UMTS or GSM automatically. Select **UMTS** or **GSM** and press – (Select). To change the GSM preferred area, press – (Yes), select **Europe, Asia, etc** or **America** and press – (Select).
- **UMTS Only:** Sets the system mode to UMTS only.
- **GSM Only:** Sets the system mode to GSM only. To change the area, press – (Yes), select **Europe, Asia, etc** or **America** and press – (Select).

Note

If you select **UMTS Only** or **GSM Only**, you cannot make or receive any calls including emergency calls (page 27) when the selected network is unavailable. Functions that use a network connection are also unavailable. In such a case, change the system mode.

Application Settings

You can set and edit the network connection information for the browser, Email, MMS and other applications individually.

Setting the Network Connection Information

You can set all the network connection information (network access point, proxy, etc.) for each application. You can set the information for up to six connections per application.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Network&Internet** and press – (Select).
3. Select **Settings** and press – (Select).
4. Select the application you want to set and press – (Select).
5. Select **<Empty>** and press – (Options).
6. Select **Edit** and press – (Select).
7. Select the item you want to set and press ●.
8. Enter/select information.

   For each item, press ● or – (OK) and set the information.
9. Press – (Options) after the settings the items.
10. Select **Save** and press – (Select).

    A confirmation screen appears.
11. Press – (Yes).

Modifying Application Settings

1. After Step 3 of “Setting the Network Connection Information” (page 257), select the application you want to set and press ●.
2. Select the connection information you want to set and press ●.

Tip

To display, edit, copy or delete connection information, select connection information after Step 1 and press – (Options). However, any profile indicated by cannot be displayed, edited or copied. Also, a preset factory profile cannot be deleted.

Internet Settings

You can edit the network access point (NAP) information used when modifying application settings (page 258). You can register information for up to 20 NAP.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Network&Internet** and press – (Select).
3. Select **Internet** and press – (Select).
4. Select **<Empty>** and press – (Add).
5. Select the item you want to set and press ●.
6. Enter/select information.

   For each item, press ● or – (OK) and set the information.
7. Press – (Options) after the settings the items.
8. Select **Save** and press – (Select).

   A confirmation screen appears.
9. Press – (Yes).

Tip

To display, edit, copy or delete NAP information, select information after Step 3 and press – (Options). However, any profile indicated by cannot be displayed or copied. Also, preset factory NAP cannot be deleted.

External Device Setting

You can set the access point name (APN) of the network information to write to your phone in order to perform data communication from an external device such as a PC.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Network&Internet** and press – (Select).
3. Select **External Device** and press – (Select).
4. Select **<Empty>** and press – (Options).
5. Select **Edit** and press – (Select).
6. Enter the access point name and press – (Options).
7. Select **OK** and press – (Select).

   A confirmation screen appears.
8. Press – (Yes).

Convenient Functions

Your phone includes various convenient functions.

In This Chapter

- SIM Tool Kit
- Calendar
- Alarms
- Calculator
- Converter
- Voice Recorder
- Countdown Timer
- Notepad
- World Clock
- Multi Task
- Barcode
- Torch

SIM Tool Kit

The SIM card has preinstalled services available for use on your phone. For details on the services, contact your service provider.

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **SIM Tool Kit** and press – (Select).

   A menu appears. Follow the on-screen instructions.

Note

A name other than SIM Tool Kit may appear depending on the type of SIM card.

Month View Screen

Note

- If you change the Home City setting (page 35) in the clock settings, the start and end dates and times of appointments are automatically changed to those in the time zone of the city. Also, when DST (Daylight Saving Time) is set to **On**, the start and end dates and times are automatically changed for summer time.
- If the power is turned off at the specified time, it turns on automatically to start the alarm.
- When the phone profile (page 222) is set to Silent or Meeting and the alarm is set to **Off**, the alarm does not play.

Calendar allows you to save your appointments and use your phone as a scheduler.

Adding a New Appointment

You can save up to 100 appointments.

1. In standby mode, press ●, select **Organiser&Tools** and press –/ (Select).
2. Select **Calendar** and press –/ (Select).
3. Press –/ (Options).
4. Select **New Appointment** and press –/ (Select).
5. Select the item you want to set and press ●.

- **Title:** Allows you to enter the title (up to 16 characters) of the appointment.
- **Start Date&Time:** Allows you to set the start date and time for the appointment. To set both the date and time, select **Date&Time**. To select only the date, select **Date only**.
- **End Date&Time:** Allows you to set the end date and time for the appointment.
- **No Repeat/Daily/Weekly/Monthly/Yearly/End of Month:** Allows you to set a repeat interval and period for the appointment. If you set **Monthly** for the 29th, 30th or 31st, the repeat is only set for months that include that date. If you set the start date to the last day of the month, you can set the setting to **End of Month**.
- **Memo:** Allows you to enter the contents (up to 128 characters) of the appointment.

- **Alarm:** Allows you to set the alarm. Select **On** and then set the alarm date and time, alarm tone, alarm volume and vibration. After setting the items, press (–) (Options) and select **Save**.
- **Location:** Allows you to enter the location information (up to 50 characters).
- **None Category/Meeting/Date/Travel/Holiday/Anniversary/ Miscellaneous:** Allows you set the category of the appointment.

6. Press (–) (Options) after setting the items.
7. Select **Save** and press (–) (Select).

Alarm Date & Time

At the date and time set for an alarm, the alarm plays and “Appointment” appears in the external display. To stop the alarm, press any key. After the alarm stops, press (–) (View) to check the appointment details.

Tip

If the time set for an alarm is reached during an incoming/outgoing voice call or video call, while taking a picture or recording a video or during infrared or other data communication, the alarm plays after the call, taking of a picture, recording of a video or communication ends.

Checking Appointments

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **Calendar** and press – (Select).

   The month view screen appears.

   Press * A/a to switch to the previous month and press # to switch to the next month.
3. Use ◆ to select a date and press ●.

   A list of appointments for the selected date appears.
4. Select the appointment you want to check and press ●.

   The details of the appointment appear.

Tip

To switch the view between month, week, day and all appointments, press – (Options) after Step 2 and select **Calendar View**.

Managing Appointments

You can perform the following operations if you select a date or appointment and press (Options) from the month, week, day or all appointments view.

- **View:** Displays the details of the selected appointment.
- **Day View:** Displays a list of appointments set for the selected date.
- **Edit:** Allows you to edit the appointment.
- **Delete:** Deletes the appointment.
- **Go to Date:** Allows you to enter a date and then display the appointments for that date.
- **Select Multi:** Allows you to select multiple appointments in all appointments view and then delete or export them. To select or unselect appointments, select an appointment with the cursor and press or press (Options) and select **Mark/Unmark** or **Mark all/Unmark all**.
- **Send vCalendar:** Allows you to convert the appointment to vCalendar format and then save it to My Items or attach it to a message (page 133).
- **Calendar View:** Switches the view between month, week, day and all appointments.

Note

- The items displayed vary depending on the Calendar view (page 265).
- To save an edited appointment as a new appointment without overwriting the original appointment, press (Options) and select **Save as**.

Alarms

Note

- If the power is turned off at the specified time, it turns on automatically to start the alarm.
- When the phone profile (page 222) is set to Silent or Meeting and the alarm is set to **Off**, the alarm does not play.

You can set an alarm to play at a certain time.

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **Alarms** and press – (Select).
3. Select the alarm you want to set and press – (Select).
4. Select **On** and press – (Select).

   The alarm settings screen appears.
5. Select the item you want to set and press ●.

◆ **Alarm Time:** Allows you to enter an alarm time in accordance with the 24-hour system. After you enter a time, press – (OK).

◆ **Alarm Tone:** Allows you to set the following items. Select an item and press – (Select). After setting the items, press – (Options) and select **Save**.

- **Alarm Tone:** Allows you to set a sound preinstalled in your phone or a sound or video saved to My Items as the alarm tone. For details on how to set a tone, see from Step 5 of "Personalising the Ringtone" (page 224).
- **Alarm Volume:** Allows you to set the alarm volume.
- **Vibration:** Allows you to set the alarm vibration.

- **Everyday (default):** Allows you to set the alarm to repeat at a specified interval. Select one of the following items and press ●.
  - **Everyday:** Starts the alarm everyday.
  - **Weekdays:** Starts the alarm each day from Monday to Friday.
  - **Select Day:** Allows you to specify which days to start the alarm. Press ● to add a check mark, press – (Options) and select **OK**.
  - **Once:** Starts the alarm once only on a specified day. To specify a day, press ◀▶ or ▲▼.
- **Snooze:** Allows you to set the snooze. If the snooze is set to **On**, the alarm plays in five minute intervals up to five times.

6. Press – (Options) after setting the items.
7. Select **Save** and press – (Select).

   The 🔔 indicator appears in standby mode and the alarm is set.

Alarm Time

At a time set for an alarm, the alarm plays and the time-up screen appears. To stop the alarm, press any key.

To stop the snooze function, press any key while the alarm is playing and then press – (No).

Tip

If the time set for an alarm is reached during an incoming/outgoing voice call or video call, while taking a picture or recording a video or during infrared or other data communication, the alarm plays after the call, taking of a picture, recording of a video or communication ends.

Calculator

You can use your phone as a calculator.

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **Calculator** and press – (Select).

   The Calculator screen appears. Follow the onscreen instructions to enter digits. Press * A/a to enter a decimal point and use ↶ to switch between + and –.

Calculator Operations

You can perform the following operations if you press – (Options) from the Calculator screen.

- **=:** Repeats the last arithmetic operation.
- **Clear All:** Deletes the input value and data stored in memory.
- **MS:** Saves the input value to memory.
- **M+:** Adds the input value to the value stored in memory.
- **MR:** Displays the value stored in memory.
- **%:** Calculates the percentage.
- **1/X:** Calculates the reciprocal.
- **SQRT:** Calculates the square root.
- **Set Tax Rate:** Allows you to set the tax rate. To change the tax rate, enter a new rate and press – (OK).

Tip

To calculate the tax rate from the Calculator screen, press AV OUT. To display the result of the tax rate calculation in red, press AV OUT once. To display the amount including tax in green, press AV OUT again.

Converter

You can set a currency exchange rate and then perform currency conversion calculations.

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **Converter** and press – (Select).
3. Select the Exchange rate input field and enter the exchange rate.

   To enter a decimal point, press *A/a.
4. Select the Amount input field and enter the amount you want to convert.

   To enter a decimal point, press *A/a.
5. Press – (Result).

   The conversion result appears.

Voice Recorder

The voice recorder allows you to record sound and then save the recording data to the Recordings folder in the Sounds&Ringtones folder of My Items. Although the possible length of recording time depends on the amount of available memory space in My Items, the maximum recording time is 90 minutes for each recording. Sound is recorded via the main microphone (mouthpiece).

Recording Sound

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **Voice Recorder** and press – (Select).
3. Select **Record** and press – (Select).

   The Recording screen appears.
4. Press – (Options).
5. Select **Record** and press – (Select).

   Recording begins.
6. Press – (Pause) to pause recording.

   To resume recording, press ●. To save the recording data, press – (Save).

   If the phone is in turnover style, use the side key (▣) to start recording or stop recording and save the recording data automatically. To cancel recording, press the side key (▢).

Note

If a call is received during recording, the call takes priority and recording stops. All recording data is saved automatically. To prohibit the reception of calls, set flight mode (page 236).

Tip

- The default storage place for recording data is your phone. To switch the storage place to the memory card, select **Save sound to** after Step 4 and then select **Memory Card**.
- To stop recording and save all recording data automatically, press ●.

Playing Recordings

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **Voice Recorder** and press – (Select).
3. Select **Recordings** and press – (Select).

   The contents of the Recordings folder in the Sounds&Ringtones folder of My Items appear.
4. Select the recording data you want to play and press – (Options).
5. Select **Play** and press – (Select).

Tip

To play recording data saved to the memory card, select **Memory Card** after Step 4.

Countdown Timer

Note

The level of the alarm volume is that set for the Multimedia Volume setting (page 228) of the phone profile currently set. If the phone profile is set to **Silent**, no sound is emitted for the alarm. Your phone vibrates only.

You can set an alarm to notify you when a certain amount of time elapses. The alarm plays for approximately one minute.

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **Countdown Timer** and press – (Select).
3. Enter a start time (10 seconds to 60 minutes) and press – (OK).
4. Press – (Start).

   The timer starts.

   To stop the timer, press – (Stop). To restart the timer, press – (Restart). To reset the timer, press – (Reset) while the timer is stopped.

   When your phone is in turnover style, you can also operate the timer with the side keys. To start/stop/restart the timer, press the side key (). To reset the timer, press the side key () while the timer is stopped.

Notepad

You can use your phone as a notepad for storing text input. You can also access the saved data during character input and editing. You can enter up 256 characters for each memo and store up to 20 memos in the notepad.

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **Notepad** and press – (Select).
3. Select the position to which you want to save the memo and press ●.
4. Enter the contents of the memo and press ●.

Note

To edit or delete a memo, select the memo after Step 2 and press – (Options).

World Clock

Tip

If you press – (DSTon) after Step 3, the time switches to Daylight Saving Time (DST) and the indicator appears on the display.

World Clock Viewer allows you to check the date and local time in major cities around the world, as well as the time difference.

1. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
2. Select **World Clock** and press – (Select).

   World Clock Viewer appears.
3. Use ◀▶ to select a city.

   The date, local time and time difference for the selected city appear.

   A green circle indicates your home city on the map. A red circle indicates the alternate city.

   For details on changing the Home City and Alternate City settings, see “World Clock Setting” (page 35).

Multi Task

This feature allows you to run up to two functions (applications) simultaneously and switch between them.

Starting a New Application

You can start another application without ending the application you are using.

1. Press while an application is in use.

   The Multi Task screen appears.

2. Select **Organiser&Tools** and press (Select).

3. Select the application you want to start and press (Select).

   The selected application starts.

Note

- This operation is not possible while the camera/video camera is activated.
- There may be insufficient memory to start a second application depending on the applications running.
- An application may not be able to be switched to in the Multi Task screen depending on how the application was started.

Tip

To make a call, press (Options) after Step 1 and select **Dial Number**.

Switching Applications

1. Press while an application is in use.

   The Multi Task screen appears.

2. Select the application to which you want to switch and press .

   The application is switched to the selected application.

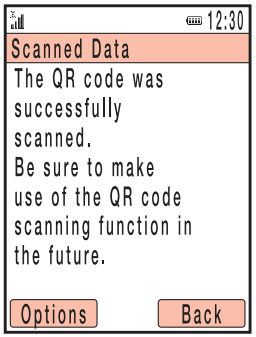
Barcode

The external camera allows you to scan barcodes (QR codes). You can connect to a URL included in the scanned information or create a message to send to an address included in the scanned information. You can save up to ten scanned data items. However, this number depends on the amount of available memory space. When a barcode has been divided into data areas, you can scan up to 16 data areas consecutively.

QR Code

Note

- Some barcodes have save/forward restrictions and some barcodes cannot be scanned.
- The camera may not be able to scan a barcode that is dirty or in a shadow.



After Scanning Barcode

Tip

- If the scanned data begins with MAILTO:, press ● after Step 4 to create an SMS/MMS message. If it begins with MEMORY:, you can save it to the Contacts list (page 64).
- If you select the text of a link (indicated by a blue underline) and press ●, you can make a call, create a message, save data to the Contacts list, connect to a URL, etc. If the scanned data contains image or sound data, you can display/play the data, save the data to My Items, etc.

Scanning a Barcode

1. In standby mode, press ●, select **Camera** and press –/ (Select).
2. Select **Scan Data** and press –/ (Select).

   The Scan QR Code screen appears.
3. Align the barcode you want to scan in the guide of the main display.

   To adjust the exposure, use ◀▶. Press ◀ to make the barcode darker and press ▶ to make the barcode lighter.
4. Press ●.

   Scanning begins.

   To perform auto focus, press AV OUT.

   The scanned data appears in the display. If the barcode has been divided, scan the other data areas.

   To save the data, press –/ (Options) and select **Save**.

Saved Barcodes

1. After Step 2 of “Scanning a Barcode” (page 279), press (Options).
2. Select **Scanned Data List** and press (Select).
3. Select the scanned data you want to use and press .

   The barcode data appears.

   For details on the operations you can perform while barcode data is displayed, see “Scanning a Barcode” (page 279).

Tip

To rename or delete scanned data, press (Options) after Step 2.

Torch

Note

- Do not turn on the mobile light while it is close to anyone's eyes as doing so may damage the person's eyesight. Also, check the direction with which light will be emitted before turning on the mobile light.
- If the side key ( ) is set to another function (page 232), this function is unavailable.
- While the phone lock is set (page 249), the key guard is set (page 252) or the countdown timer is activated (page 273), the mobile light cannot be turned on.

When the Torch function has been assigned to the side key ( ) in the shortcut settings (page 232), you can turn on the mobile light if you press and hold the side key ( ).

1. Press and hold the side key ( ).

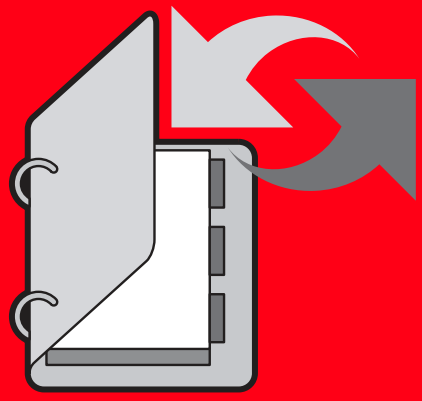
The mobile light turns on and remains lit while you hold the side key ( ).

File Transfer & Synchronisation

You can use Bluetooth™, infrared, a USB cable or a memory card to transfer data between your phone and other phones, PCs and other devices. These capabilities allow you to back up data and manage the same data on multiple devices.

In This Chapter

- File Transfer
- File Synchronisation



File Transfer

Using Bluetooth™ for Transferring Data

You can transfer the data of the Contacts list, Calendar and My Items between your phone and Bluetooth™ compatible PCs and phones. Bluetooth™ also allows you to use a wireless headset or an in-car device for handsfree calls. We recommend using Bluetooth™ while your phone and the other device are within 10 metres of each other. For details on the operating procedures of the other device, refer to the instruction manual for that device.

About Bluetooth™

Bluetooth™ is a technology that facilitates wireless communication between PCs and devices such as handsfree compatible devices.

Activating Bluetooth™

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Connectivity** and press – (Select).
3. Select **Bluetooth** and press – (Select).
4. Select **Switch On/Off** and press – (Select).
5. Select **On** and press – (Select).

   The indicator appears at the top of the display.

Note

- If a USB cable is connected to your phone while you are using Bluetooth™, the Bluetooth™ connection ends.
- When Bluetooth™ is used to send/receive data, flight mode is set. The indicator appears at the top of the display while flight mode is set, except when a dial-up connection was established. When the sending/receiving of data is complete, flight mode is cancelled.

Tip

To transfer the data of My Items, perform the transfer operation from the other Bluetooth™ compatible device after Step 5 of "Activating Bluetooth™." However, files in Games&More, My Saved Pages and Templates and copyright protected files cannot be sent.

Registering a Bluetooth™ Compatible Device

Before establishing a Bluetooth™ connection, you need to perform a search for the Bluetooth™ compatible device to be connected. You can register up to 20 detected Bluetooth™ compatible devices.

1. After Step 3 of "Activating Bluetooth™" (page 284), select **Paired Devices** and press (Select).
2. Select **Search** and press (Select).
3. Select a Bluetooth™ compatible device from the detected devices that appear and press (Select).
4. Enter your PIN code (4 to 16 digits) and press (OK).

Tip

If you enter the same PIN code (4 to 16 digits) on both your phone and a Bluetooth™ compatible device, the Bluetooth™ compatible device is registered.

Setting a Bluetooth™ Compatible Device as a Trusted Device

If you set a registered Bluetooth™ compatible device as a trusted device, a confirmation screen is not displayed and a connection is established when a connection request is received from that device.

1. After Step 3 of "Activating Bluetooth™" (page 284), select **Paired Devices** and press (Select).
2. Select the Bluetooth™ compatible device you want to set as the trusted device and press (Select).
3. Select **Trust Device** and press (Select).
4. Select **On** and press (Select).

Tip

To cancel this setting for a device you no longer want to trust, select **Off** in Step 4.

Displaying Details of a Registered Bluetooth™ Compatible Device

You can display the device name, device address, device class and supported profiles of a Bluetooth™ compatible device.

1. After Step 3 of "Activating Bluetooth™" (page 284), select **Paired Devices** and press (Select).
2. Select the Bluetooth™ compatible device for which you want to display the details and press (Select).
3. Select **Details** and press (Select).

Changing the Name of a Registered Bluetooth™ Compatible Device

1. After Step 3 of "Activating Bluetooth™" (page 284), select **Paired Devices** and press (Select).
2. Select the Bluetooth™ compatible device for which you want to change the name and press (Select).
3. Select **Renames** and press (Select).
4. Enter your security code (page 38).
5. Change the name and press .

Deleting a Registered Bluetooth™ Compatible Device

1. After Step 3 of "Activating Bluetooth™" (page 284), select **Paired Devices** and press (Select).
2. Select the Bluetooth™ compatible device you want to delete and press (Select).
3. Select **Delete** and press (Select).

Response to Detection by Other Bluetooth™ Compatible Devices

1. After Step 3 of "Activating Bluetooth™" (page 284), select **My Phone ID** and press (Select).
2. Select **Visibility** and press (Select).
3. Select **Show My Phone** or **Hide My Phone** and press (Select).
   - **Show My Phone:** Allows your phone to be recognised when it is detected during a search by a Bluetooth™ compatible device in the vicinity.
   - **Hide My Phone:** Prevents your phone from being recognised when it is detected during a search by a Bluetooth™ compatible device in the vicinity.

Tip

You may still receive a connection request even if Visibility is set to **Hide My Phone**.

Displaying Details of Your Phone

You can display the device name, device address, device class and supported profiles of your phone.

1. After Step 3 of "Activating Bluetooth™" (page 284), select **My Phone ID** and press (Select).
2. Select **My Phone** and press (Select).
3. Select **Details** and press (Select).

Changing the Name of Your Phone

You can change the name displayed on another Bluetooth™ compatible device when your phone is detected.

1. After Step 3 of "Activating Bluetooth™" (page 284), select **My Phone ID** and press (Select).
2. Select **My Phone** and press (Select).
3. Select **Rename** and press (Select).
4. Enter your security code (page 38).
5. Change the name and press .

Note

Copyright protected files cannot be sent.

Tip

To send the owner information of the Contacts list, select **Send My vCard** from the Contacts menu (page 63) and then select **Via Bluetooth**.

Using Bluetooth™ for Sending Data

You can send the Contacts list, Calendar and JPEG files saved to the Pictures and Digital Camera folders of My Items to a Bluetooth™ compatible device.

1. Set up the other Bluetooth™ compatible device to receive data.
2. Select **Via Bluetooth** from the Options menu of a function and press (Select).
3. Press (OK) to switch to flight mode.
4. Select the destination Bluetooth™ compatible device and press (Select).

Using Bluetooth™ for Receiving Data

When Bluetooth™ is enabled, you can receive data.

1. Press (Yes) when a confirmation screen appears after a connection request is received from a Bluetooth™ compatible device in the vicinity.
2. Enter your PIN code (4 to 16 digits) and press (OK).
3. Press (OK) to switch to flight mode.
4. Select **Save** and press (Select).

   If you select **Reject**, the connection ends if there is only one data item to receive. However, if there are multiple data items to receive, the confirmation screen for the next data item appears.

Tip

- The received Contacts list and Calendar data is saved to the Contacts list and Calendar.
- The save locations of data are determined by the extensions.

Connecting to a Handsfree Compatible Device

1. After Step 3 of "Activating Bluetooth™" (page 284), select **Paired Devices** and press (Select).
2. Select the handsfree compatible device and press (Select).
3. Select **Connect** and press (Select).

Tip

To perform handsfree communication, the handsfree compatible device needs to be registered. For details, see "Registering a Bluetooth™ Compatible Device" (page 285).

Note

The other party's voice cannot be recorded during a handsfree call.

Performing Handsfree Communication

1. Press (–) ( ) and switch to handsfree communication.

   The indicator appears on the display during handsfree communication.

Setting Handsfree

You can set the mode for making and receiving calls while a handsfree compatible device is connected.

1. After Step 3 of "Activating Bluetooth™" (page 284), select **My Phone ID** and press (–) (Select).
2. Select **Handsfree Setting** and press (–) (Select).
3. Select the mode you want to set and press (–) (Select).

   - **Handsfree Mode:** Allows you to make and receive handsfree calls from your phone.
   - **Private Mode:** Allows you to make and receive regular calls from your phone.

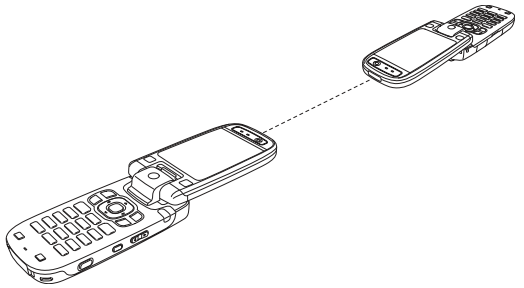
Using Bluetooth™ for Dial-up Connections

When Bluetooth™ is enabled, you can establish a dial-up connection.

1. Press (–) (Yes) when a confirmation screen appears after a connection request is received from a Bluetooth™ compatible device in the vicinity.
2. Enter your PIN code (4 to 16 digits) and press (–) (OK).

Using Infrared for Transferring Data

You can use infrared to exchange the Calendar data of your phone, Contacts list entries of your phone, memory card or SIM card, pictures/videos taken or recorded with the camera and My Items data that can be forwarded with an infrared compatible phone, PC or other device. You can also restore or backup of My Items data. The indicator appears at the top of the display during transfer. To transfer data between your phone and a PC, the supplied PC management software My Mobile needs to be installed on the PC. The infrared function of your phone complies with IrMC 1.1. As shown in the illustration on the right, bring your phone and an infrared compatible device to within 30 centimetres of each other and point both infrared ports directly towards each other. Do not place an object between them. For details on the operating procedures of the other device, refer to the instruction manual for that device.



Note

- If a USB cable is connected to your phone while you are using infrared, the infrared communication ends.
- When infrared is used to send/receive data, flight mode is set. The indicator appears at the top of the display while flight mode is set, except when a dial-up connection was established. When the sending of data is complete, flight mode is cancelled.

Using Infrared for Sending Data

1. Set up the other infrared compatible device to receive data.
2. Select **Via Infrared** from the Options menu of a function and press – (Select).
3. Press – (OK) to switch to flight mode.

Note

The following files cannot be sent.

- Files in Games&More, My Saved Pages and Templates of My Items
- Copyright protected files

Using Infrared for Receiving Data

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Connectivity** and press – (Select).
3. Select **Infrared** and press – (Select).
4. Select **Incoming Data** and press – (Select).
5. Enter your security code (page 38).
6. Press – (OK) to switch to flight mode.
7. Select **Save** and press – (Select).

   If you select **Reject**, the connection ends if there is only one data item to receive. However, if there are multiple data items to receive, the confirmation screen for the next data item appears.

Tip

The save locations of data are determined by the extensions.

Using Infrared for Backing Up Data

You can back up files and folders in Pictures, Videos, Sounds&Ringtones and Other Documents of My Items to a PC. Copyright protected files cannot be backed up.

1. After Step 6 of “Using Infrared for Receiving Data” (page 293), follow the instructions on the PC to back up data from your phone to the PC.

Using Infrared for Restoring Data

You can restore Pictures, Videos, Sounds&Ringtones and Other Documents of My Items saved on a PC to your phone.

1. After Step 6 of “Using Infrared for Receiving Data” (page 293), follow the instructions on the PC to restore data from the PC to your phone.

Using Infrared for Dial-up Connections

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Connectivity** and press – (Select).
3. Select **Infrared** and press – (Select).
4. Select **Dial-up Connection** and press – (Select).
5. Select **On** and press – (Select).

Infrared Remote Controller Function

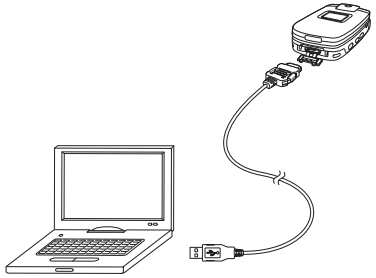
You can use your phone as a remote controller for TVs and other electric home appliances.

- This function requires a separate Java™ application (page 181) compatible with the infrared function.

- Bring the infrared port (page 292) of your phone to within approximately 5 metres of the TV or other electric home appliance. Do not place an object between them.
- Your phone may not work properly as a remote controller in direct sunlight, directly under fluorescent lighting or near other infrared devices.
- A dirty infrared port may cause an operation failure. Gently remove any dirt with a soft cloth while making sure not to scratch the port.

Using a USB Cable for Transferring Data

As shown in the illustration on the left, you can use a USB cable to connect your phone to a PC and then transfer Contacts list, Calendar and My Items data. Before you connect the USB cable, the USB host driver and PC management software My Mobile included on the CD-ROM supplied with your phone need to be installed on the PC. This function supports USB 1.1 and USB 2.0. For details on the PC operating environment required to use this function, refer to My Mobile.



Note

- When you send/receive data, flight mode is set automatically. The indicator appears at the top of the display while flight mode is set, except when a dial-up connection was established. When the sending/receiving of data is complete, flight mode is cancelled.
- The following files cannot be sent.
  - Files in Games&More, My Saved Pages and Templates of My Items
  - Copyright protected files

Using a USB Cable for Sending Data

You can send the data of the Contacts list, Calendar and My Items.

1. Follow the procedure below to connect your phone and a PC with a USB cable.

1) Open the external connector cover of your phone.
2) Insert the plug of the USB cable into the external connector.
3) Connect the USB cable to the USB port of the PC.

2. In standby mode, press ●, select **Settings** and press (Select).

3. Select **Connectivity** and press (Select).

4. Select **USB** and press (Select).
5. Select **Data Transfer** and press (Select).
6. Press (OK) to switch to flight mode.
7. Follow the instructions on the PC to receive data from your phone to the PC.

Using a USB Cable for Receiving Data

You can receive data to the Contacts list, Calendar and My Items.

1. After Step 6 of “Using a USB Cable for Sending Data” (page 295), follow the instructions on the PC to send data from the PC to your phone.

Note

When you receive all vObjects (page 203), any of the previous vObjects in your phone that are the same as the received vObjects are deleted.

Using a USB Cable for Backing Up Data

You can back up files and folders in Pictures, Videos, Sounds&Ringtones and Other Documents of My Items.

1. After Step 6 of “Using a USB Cable for Sending Data” (page 295), follow the instructions on the PC to back up data from your phone to the PC.
2. Enter your security code (page 38).

Note

Files that cannot be transferred are not backed up.

Using a USB Cable for Restoring Data

Note

All the data may not be able to be restored from some backup files.

You can restore Pictures, Videos, Sounds&Ringtones and Other Documents of My Items saved on a PC to your phone.

1. After Step 6 of “Using a USB Cable for Sending Data” (page 295), follow the instructions on the PC to restore data from the PC to your phone.
2. Enter your security code (page 38).

Using a USB Cable for Dial-up Connections

You can use a USB cable to connect your phone to a PC and then access the Internet, etc. For details on the configuration/operation of the PC modem, refer to the instruction manual for the PC.

Using a USB Cable for Charging

Note

- Charging is not possible while your phone is turned off.
- Charging may not be possible depending on the connection settings of the PC.

1. After Step 4 of “Using a USB Cable for Sending Data” (page 295), select **Battery Charge** and press (–) (Select).
2. Select **On** and press (–) (Select).

Using the Memory Card for Transferring Data

Note

When you back up/restore data, flight mode is set. The indicator appears at the top of the display while flight mode is set. When the backing up/restoring of data is complete, flight mode is cancelled.

You can transfer Contacts list and Calendar data between your phone and memory card. We recommend using the memory card for backing up personal data. The memory card needs to be formatted before it is used for the first time. For details on formatting, see “Formatting the Memory Card” (page 206).

Backing Up Data to the Memory Card

1. Insert the memory card in the slot of your phone.
2. In standby mode, press ●, select **Organiser&Tools** and press – (Select).
3. Select **Backup** and press – (Select).
4. Select **Backup** and press – (Select).
5. Select the data you want to back up and press ●.

   A check mark is added to the check box.

   - **Contacts List:** Backs up the Contacts list.
   - **Calendar:** Backs up the Calendar.
6. Press – (Options).
7. Select **Backup** and press – (Select).
8. Enter your security code (page 38).

   A confirmation screen appears.
9. Press – (Yes).

   A confirmation screen appears.
10. Press – (Yes) or – (No) in accordance with the confirmation screen.

    Press – (Yes) to include pictures or press – (No) to not include pictures when backing up the Contacts list and press – (Yes) to include past appointments or press – (No) to not include past appointments when backing up the Calendar.
11. Press – (OK) to switch to flight mode.

    A backup file is created in the memory card.

Note

It is recommended that you do not use a PC or other device to view or edit a backup file in the memory card because doing so may result in the file being damaged.

Tip

After Step 6, select **Unmark** to remove the check mark from the select data and select **Unmark All** to remove all check marks.

Tip

To delete one or all backup files, press (Options) after Step 5 and select **Delete** or **Delete All**.

Restoring Data from the Memory Card

1. Insert the memory card in the slot of your phone.
2. In standby mode, press , select **Organiser&Tools** and press (Select).
3. Select **Backup** and press (Select).
4. Select **Restore** and press (Select).
5. Select the data you want to restore and press (Select).
   - **Contacts List:** Displays a list of Contacts list backup files.
   - **Calendar:** Displays a list of Calendar backup files.
6. Select the backup file you want to restore and press .
7. Enter your security code (page 38).

   A confirmation screen appears.
8. Press (Yes).

   A confirmation screen appears.
9. Press (Yes) or (No) in accordance with the confirmation screen.

   Press (Yes) to overwrite all the data in the restore destination and press (No) to add the data.
10. Press (OK) to switch to flight mode.

File Synchronisation

You can use the network of a service provider, infrared or USB cable to synchronise the data on a network server or PC with the Contacts list and Calendar of your phone. The supplied data management software My Mobile needs to be installed.

Using a Network for Synchronisation

You can register a server on your phone to synchronise the Contacts list via the network of a service provider.

Creating a Server Profile

You can create up to five server profiles.

1. In standby mode, press ●, select **Settings** and press – (Select).
2. Select **Connectivity** and press – (Select).
3. Select **Synchronise** and press – (Select).
4. Select **Server Profile** and press – (Select).
5. Press – (Options).
6. Select **Add** and press – (Select).

   A server profile is created.

Tip

- To display the Edit screen for your phone name, select **Phone Name** after Step 3.
- You can perform the following operations after Step 7.
  - **Synchronise:** Synchronises the Contacts list using the selected server profile.
  - **View:** Displays the details of the selected server profile.
  - **Add:** Allows you to add a server profile.
  - **Delete:** Deletes the selected server profile.
  - **Copy:** Creates a copy of the selected server profile.

7. Select a server profile and press (–) (Options).
8. Select **Edit** and press (–) (Select).
9. Select the item you want to set and press ●.

- **Rename:** Allows you to change the name of the selected server.
- **Username:** Allows you to set the user name for the server.
- **Password:** Allows you to set a password.
- **URL:** Allows you to set the server URL.
- **Sync. Mode:** Allows you to select **Manual** or **Automatic** for synchronisation. If you set Sync. Mode to **Automatic**, the data is synchronised at regular intervals automatically.
- **Sync. Type:** Allows you to set the synchronisation direction for data.
  - **Normal:** Updates both the data on your phone and the data on the server so as both sets of data of match. Your phone and the server send to each other any data that has been updated since the last synchronisation.
  - **Client Update:** Updates the data on the server. Your phone sends to the server any data that has been updated on your phone since the last synchronisation.
  - **Server Update:** Updates the data on your phone. The server sends to your phone any data that has been updated on the server since the last synchronisation.
  - **Backup:** Backs up the Contacts list on your phone to the server.
  - **Restore:** Restores the data on the server to the Contacts list of your phone.

- **Confirmation:** Allows you to set whether a confirmation screen is displayed each time synchronisation starts.
- **Database Settings:** Allows you to set the database of the selected server.
  - **Location:** Allows you to set the location for saving data on the server.
  - **User ID:** Allows you to set the User ID for the database.
  - **Password:** Allows you to set the login password for the database.
  - **Synchronisation:** Allows you to set **Enable** or **Disable**.
- **Network Settings:** Allows you to set the network connection information (network access point, proxy) of the selected network.

10. Press (–) (Options).

11. Select **Save** and press (–) (Select).

Synchronising the Contacts List

1. In standby mode, press ●, select **Contacts** and press (–) (Select).

2. Select **Synchronise** and press (–) (Select).

3. Select **Server Profile** and press (–) (Select).

4. Select a server and press ●.

A confirmation screen appears.

5. Press (–) (Yes).

A confirmation screen appears.

6. Press (–) (OK).

Tip

You can register a server if you press (–) (Options) after Step 3 and then proceed from Step 6 of “Creating a Server Profile” (page 300).

Tip

To delete one or all logs, press – (Options) and select **Delete** or **Delete All** after Step 1.

Checking Synchronisation Logs

1. After Step 2 of "Synchronising the Contacts List" (page 302), select **Sync. Log** and press – (Select).

   Logs for the last five synchronisations performed using a network appear.

2. Select the log for which you want to check details and press ●.

Using Infrared for Synchronisation

You can use infrared to synchronise data on a PC with the Contacts list and Calendar of your phone.

1. After Step 6 of "Using Infrared for Receiving Data" (page 293), follow the instructions on the PC to synchronise data from the PC.

Using a USB Cable for Synchronisation

You can use a USB cable to synchronise data on a PC with the Contacts list and Calendar of your phone.

1. After Step 6 of "Using a USB Cable for Sending Data" (page 295), follow the instructions on the PC to synchronise data from the PC.

Appendix

In This Chapter

- Troubleshooting
- Specifications & Accessories
- EU Warranty
- Index
- Glossary
- Health and Safety Information
- Menu Structure

Troubleshooting

Problem	Possible Causes and Remedies
Cannot turn the power on.	• Make sure the battery pack is inserted correctly (page 28). • Make sure the battery is charged (page 29).
Cannot charge the battery.	• Make sure the battery pack is inserted correctly (page 28). • Make sure the connectors or contacts of the AC adapter and battery pack are not dirty (page 29).
Cannot make voice and video calls.	• If the indicator appears on the display, a call cannot be made because you are in a location where a signal cannot reach your phone or that is out of the service area. Move to a location where a signal can reach your phone or that is in the service area. • If the indicator appears on the display, cancel flight mode (page 236). • A video call can only be made in an area with 3G coverage. Make sure the indicator for indicating you are in an area with 3G coverage appears on the display in standby mode. • If a PIN code is incorrectly entered three times in a row, the PIN lock is set and a call cannot be made because access to the SIM card is blocked. Enter the PUK code to cancel the PIN lock (page 26). • If the indicator appears on the display, enter your security code (page 38) to cancel the phone lock (page 249). • If the indicator appears on the display, press and hold to cancel the key guard (page 252).
Cannot receive voice and video calls.	• A video call can only be received in an area with 3G coverage. Make sure the indicator for indicating you are in an area with 3G coverage appears on the display in standby mode. • Make sure your phone is not set to reject calls (page 243) or divert calls (page 49).
Cannot hear the other party.	• Check the volume level of the earpiece/speaker (pages 42, 87) and/or move to a quiet location.

Problem	Possible Causes and Remedies
Cannot use the Web.	• If the indicator appears on the display, cancel flight mode (page 236). • Check your subscription status. Contact your service provider. • The network settings may be incorrect. Check the network settings (page 257). For details on the network settings, contact your service provider.
Cannot use SMS and MMS.	• If the indicator appears on the display, cancel flight mode (page 236). • If the indicator appears on the display, a message cannot be received because memory is full. Delete messages no longer required (page 151). • Check your subscription status. Contact your service provider. • Make sure the service centre number (page 149) is correct. For details on the service centre number, contact your service provider.

Specifications & Accessories

Specifications

TS 921

Frequency Range		
Within 3G (UMTS) 2100	1920 - 2170 MHz	
Within GSM 900	880 - 960 MHz	
Within DCS 1800	1710 - 1880 MHz	
Within PCS 1900	1850 - 1990 MHz	
Continuous Talk Time		
Within 3G (UMTS) area	Approx. 180 min.	
Video Call	Approx. 100 min.	
Within GSM area	Approx. 320 min.	
Continuous Standby Time		
Within 3G (UMTS) area	Approx. 350 hrs.	
Within GSM area	Approx. 270 hrs.	
Charging Time	Approx. 140 min.	
Dimensions (W × H × D)	Approx. 50 × 111 × 25 mm	
Maximum Output		
Within 3G (UMTS) 2100	Class 3	0.25 W
Within GSM 900	Class 4	2 W
Within DCS 1800	Class 1	1 W
Within PCS 1900	Class 1	1 W
Weight	Approx. 148 g	

AC Adapter		
Input Voltage	100 to 240 VAC	50/60 Hz
Charging Temperature Range	5 to 35°C	

Accessories

- Battery Pack (TSBS01EU)
- AC Adapter (TSCS01EU/TSCS01UK)
- Desk Top Cradle (TSES01EU)
- Cigarette Lighter Charger (TSJS01EU)
- USB Cable for PC Connection (TSFD01EU)

EU Warranty

Your Toshiba mobile telephone contains no user serviceable parts. For further information on service please contact your retailer or service provider.

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Glossary

3G/UMTS

Universal Mobile Telecommunications System. A third generation (3G) mobile communication system.

DTMF Tone

Dial Tone Multi Frequency tones. The touch tones used for dialling. You can use DTMF tones to operate digital phone systems such as answering machines.

GPRS

General Packet Radio Service. A data transmission technique used for GSM mobile phone networks. It allows you to send and receive data in packets.

GSM

Global System for Mobile Communication. A wireless system for digital mobile phones. GSM is the predominant system in Europe and Asia, and is used in over 160 countries around the world.

MMS

Multimedia Message Service. This service allows messages containing data such as text, sounds, pictures and videos to be exchanged between mobile phones.

PIN

Personal Identification Number. A number used for SIM card security. The number is provided by your service provider. If the PIN code is incorrectly entered three times in a row, the PIN code lock is set.

PIN2

Personal Identification Number. A number used for modifying Fixed Dialling Numbers and other data saved to the SIM card. The number is provided by your service provider. If the PIN2 code is incorrectly entered three times in a row, the PIN2 code lock is set.

PUK/PUK2

Personal Unblocking Key. A number used to cancel the PIN/PIN2 lock. The number is provided by your service provider. If the PUK/PUK2 code is incorrectly entered ten times in a row, the PUK/PUK2 code lock is set. The PUK/PUK2 lock cannot be cancelled without assistance. For details on cancelling the lock, contact your service provider.

Roaming
A service that allows you to use a network provided by another telecommunications carrier when you are out of the service area of your home network.

Security Code
A number required for using the functions of your phone. The initial security code is “0000” or the four-digit number you selected when you concluded your contract.

Service Provider
A company that provides services for mobile phone users.

SIM
Subscriber Identity Module. A smart card that stores subscriber information. Use your phone with the card inserted. The SIM card is provided by your service provider.

SMS
Short Message Service. This service allows short text messages to be exchanged.

Health and Safety Information

Safety Guidelines

Follow the guidelines below to use your phone in a safe and legal manner.

General

- Use your phone in the intended manner (holding it to your ear). Incorrect usage may affect its performance. Only qualified service personnel should install or repair the phone and its accessories.
- Use only compatible batteries and accessories. Using incompatible items may permanently damage the phone.
- Do not connect the phone to any other device without reading the provided documentation. The other device may be incompatible.
- When making emergency calls from your phone, ensure that the phone is switched on and in service.
- Interference may affect your phone's performance. Once you move away from the source of the interference, the phone should operate as usual.
- When the phone is used for extended periods of time, especially in high temperature conditions, the phone surface could become hot. Please use caution when touching the phone under such conditions.

Operating environment

- Do not use a hand-held phone while driving or otherwise operating machinery. If using a hand-held phone, park the vehicle before conversing. If using an integrated handsfree device, make sure the phone is securely in its holder.
- Switch your phone off if you are entering a hospital or other such institution. Medical equipment may be affected by the phone so you should observe any building regulation governing phone usage.
- Switch your phone off when on an aircraft. The aircraft's systems may be affected by the phone signal. You are legally obliged to comply with this recommendation.
- Switch your phone off in any facility where posted notices so require.
- Do not use your phone when refuelling. You should keep your phone away from fuel and chemicals.
- Switch your phone off when blasting is in progress. Observe any provided guidelines or regulations.
- Switch your phone off when in an area with a potentially explosive atmosphere (for example fuel storage areas, spray paint facilities etc.).
- Only qualified personnel should install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty. For more information, check with the manufacturer or its representative of your vehicle.

Electronic devices

- If you wear a pacemaker, or are in the company of someone who does, you should be aware that there is small risk of your phone interfering with the operation of the pacemaker. Only certain types of pacemaker are affected and only if the mobile phone is placed next to it. You should contact your doctor or the manufacturer of the pacemaker for more information.

- Your phone may interfere with some hearing aids. If this happens you should contact your service provider or doctor.
- Your phone may interfere with the functionality of inadequately shielded medical devices. Consult a physician or the manufacturer of the device to ensure safe procedure.
- Your phone may interfere with the functionality of any inadequately shielded electronic system in a motor vehicle. Examples of this type of system include air-bags and fuel injection. You should contact the manufacturer of the vehicle to ensure that it is properly shielded.

Battery safety

Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, buy a new battery.

- A new battery or one that has not been used for a long time could have reduced capacity the first few times it is used. The battery can only be charged in temperatures between +5°C (+41°F) and +35°C (+95°F).
- Only use batteries approved by Toshiba and only recharge the battery with the recommended charger supplied by Toshiba.
- When the charger is not in use disconnect it from the power source.
- Do not leave the battery connect to the charger and power source for longer then necessary as overcharging it will shorten its life.
- Do not short-circuit the battery. Accidental short-circulating can occur when a metallic object causes a direct connection between the + and - terminals of the battery.
- Do not leave the battery in a cold (for example, a fridge) or hot place (for example, in a car exposed to direct sunlight) as this will effect its performance.
- Do not dispose of the battery in a fire.
- Do not dispose of the battery in an ordinary bin. The battery contains toxic chemicals and must be disposed of in the correct manner. Contact your local authority for more information.

Emergency Calls

Calls cannot be made to emergency services (page 27) while data communication is being performed within a GSM area. If the system mode (page 256) is set to **UMTS Only** or **GSM Only**, calls cannot be made to emergency services if the selected network is unavailable. Also, calls may not be able to be made to emergency services depending on the network services of some service providers.

You can still make calls to emergency services when the SIM card is not inserted, the SIM card is locked, the phone lock is set, Fixed Dialling Numbers is set, flight mode is set or call barring service is set.

However, there is no guarantee that a connection can be established in all countries and areas because operation of your phone differs depending on the wireless network, wireless signal and your phone's setting status. Do not rely on just your mobile phone when you need to make important calls such as calls to emergency services.

FCC RF Exposure Information

Your handset 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.

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 handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. 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 handset when tested for use at the ear is 0.197W/kg and when worn on the body, as described in this user guide, is 0.652W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of beltclips, 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.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset 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 SP2-CC4-E01.

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

European RF Exposure Information

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 0.419 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 0.708 W/kg*.

As SAR is measured utilizing the devices 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 reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body. Additional Information can be found on the websites of the World Health Organization (http://www.who.int/emf).

* The tests are carried out in accordance with international guidelines for testing.
* Please see the <FCC RF Exposure Information> section about body worn operation.

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Purchase Record

For your future reference, we recommend that you fill in your purchase details in the form below.

Serial Number*	
Dealer Name	
Purchase Date	

* The serial number is printed on the bottom of the battery compartment.