

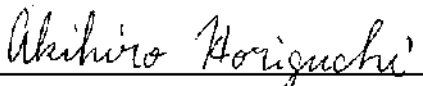
# **Technical Document for Application**

**Trade Name: Vodafone 904T**

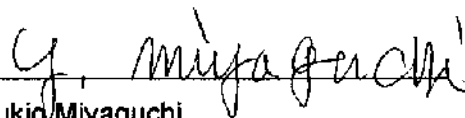
**Document Name: User Guide**

Toshiba Corporation  
Mobile Communication Company  
Mobile Communication Development Center  
Hardware Design Engineering Dept.

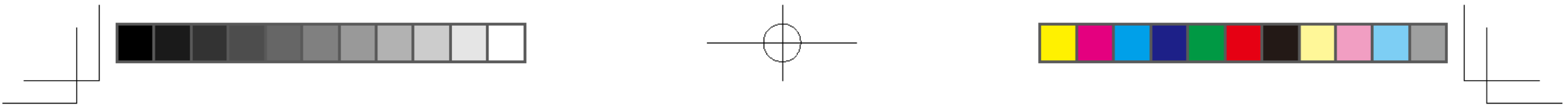
Approved by

  
Akihiko Horiguchi Group Manager

Prepared by

  
Yukio Miyaguchi

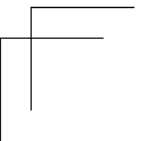
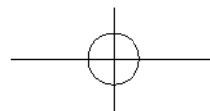
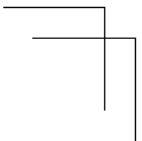
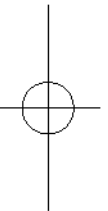
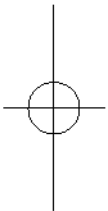
Date: 2005-12-07



# **Vodafone 904T User Guide for Japan**

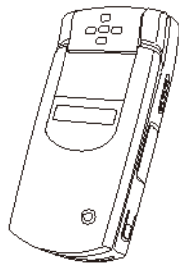
## **Japanese**

### **Draft 7 Dec, 2005**

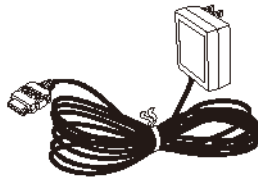


## What's in the Box

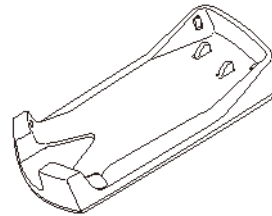
- Phone



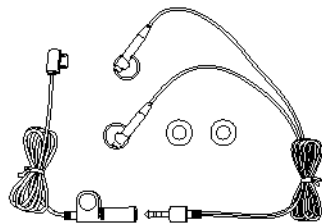
- Rapid Charger (TSCS01)



- Desk Top Cradle (TSEAC1)



- Stereo Handsfree Headset (TSLAC1)



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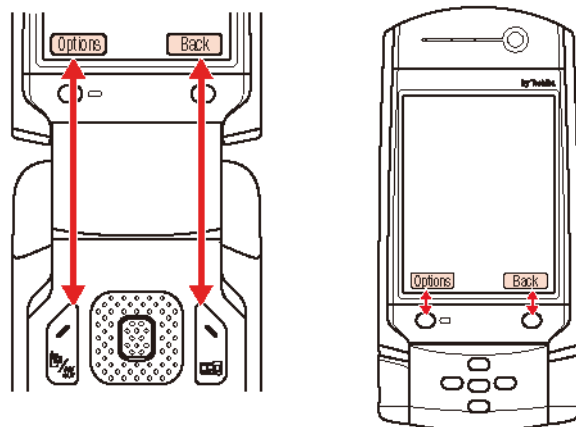
- Battery Cover (TSTAC1/2/3)
- Battery Pack (TSBS01)
- USB Cable (TSDAC1)
- USB Host Driver for 904T (CD-ROM)\*
- Analogue adapter cable (white) (TSDAC2)
- User Guide
- First Step Guide
- 3G Guide (Japanese only)





\*: Upgrades or updates of included utility software may become available on the Vodafone Website ([www.vodafone.jp](http://www.vodafone.jp)) without prior notification. Please check for the newest versions of utility applications and download as required.

- In addition to the above items, optional items such as a cigarette lighter charger and video output cable are available. For details, contact your nearest Vodafone Shop or Vodafone General Information (page 29-56).
- You can use the miniSD™ memory card (hereafter referred to as the memory card) with your phone. Your phone supports memory cards with a storage capacity of up to ▲▲▲ MB (as of XXXXX ▲▲▲▲). There is no guarantee that all memory cards will work with your phone.

### Using Soft Keys

Press soft keys to perform operations indicated at the bottom of the main display.













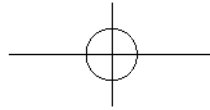
- Press  to access Options menu.
- Press  to return to the previous menu.
- The  and  external soft keys are only enabled in turnover style.

### Using the Navigation (External Navigation) Key

Use the navigation key to move the cursor, access functions, display the Main menu, confirm selected items and perform selected operations.

In turnover style, the external navigation key works in the same way as the navigation key.

Operation (Notation Used in This Manual)	Function
<b>Press up</b>  	Accesses the Shortcut menu Increases the volume Moves the cursor up
<b>Press down</b>  	Accesses the Contacts list Decreases the volume Moves the cursor down
<b>Press left</b>  	Access Dialed Numbers Decreases the volume Moves the cursor left
<b>Press right</b>  	Access Received Calls Increases the volume Moves the cursor right
<b>Press centre</b>  	Accesses the Main menu Confirms the selected item or performs the selected operation Acts as the shutter button for the camera



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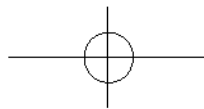
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## Safety Precautions

- To ensure proper usage, be sure to read the Safety Precautions thoroughly before using your phone. Always keep this manual available for future reference.
- Be sure to follow the safety information contained in the instruction manuals and indicated on the product to prevent injury to the user and other persons, as well as damage to property.
- When a child uses the phone, it is recommended that a parent or guardian reads the instruction manuals thoroughly and provides proper instructions to the child.
- The following describes the meaning of safety symbols and signal words. Be sure to understand their meanings before proceeding to read this manual.

### Pictograph Descriptions





Pictograph	Meaning
 <b>Danger</b>	Indicates an imminently hazardous operation that could result in death or serious injury <sup>1</sup> of the user.
 <b>Warning</b>	Indicates a potentially hazardous operation that could result in death or serious injury <sup>1</sup> of the user.
 <b>Caution</b>	Indicates a potentially hazardous operation that could result in minor or moderate injury <sup>2</sup> to the user or damage to property <sup>3</sup> .

- <sup>1</sup> Serious injury includes loss of sight, wounds, high temperature burns, low temperature burns (burns causing reddish areas, blistering and other

damage to the skin as a result of heat exceeding the body temperature contacting your skin for a prolonged time), electric shock, fractures and poisoning requiring hospitalization or long-term medical treatment.

- 2 Injury includes wounds, burns and electric shock not requiring hospitalization or long-term medical treatment.
- 3 Damage to property includes extensive damage to homes and household property, as well as livestock and pets.

### Symbol Descriptions

Symbol	Meaning
 <b>Prohibited</b>	 indicates a prohibited action. The prohibited action is indicated graphically or described in text in or near the symbol.
 <b>Compulsory</b>	 indicates a compulsory action that must be carried out. The compulsory action is indicated graphically or described in text in or near the symbol.

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- Vodafone and Toshiba accept no liability whatsoever for corruption or loss of stored data resulting from failures or malfunctions of the product, regardless of the cause. Be sure to keep a separate memo of important data to limit damage caused by data corruption or loss to a minimum.

## Danger



No  
disassembly

### Do not disassemble, modify or repair the phone, battery pack, charger or Stereo Handsfree Headset

Doing so may cause overheating, rupturing, fire, electric shock, injury or malfunction. Modification of the phone is prohibited by Japanese Radio Law. For repair, contact your nearest Vodafone Shop or Vodafone Customer Assistance (page 29-56).



No flames

### Do not dispose of the phone, battery pack or Stereo Handsfree Headset in a fire or expose it to heat

#### If the phone or battery pack is exposed to water, do not dry it artificially in heating equipment (microwave oven, etc.)

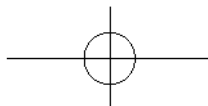
Doing so may cause overheating, rupturing, fire or malfunction.



No flames

### Do not charge, use or leave the phone, battery pack or Stereo Handsfree Headset in hot places such as near a fire or heater

Doing so may cause overheating, rupturing, fire or malfunction.



## Danger



Keep water  
away

**Do not expose the phone, charger, battery pack or Stereo Handsfree Headset to fluids such as water, perspiration or seawater**

Doing so may cause overheating, rupturing, fire, electric shock or malfunction. If the phone is dropped accidentally in water or any other fluid, immediately turn off the phone and contact your nearest Vodafone Shop or Vodafone Customer Assistance (page 29-56).



Keep water  
away

**Do not leave the phone, charger, battery pack or Stereo Handsfree Headset outdoors, in a bathroom or wherever water or any other fluid is used**

**Do not place the phone, charger or battery pack near cups, vases or other containers of fluids**

Exposure to water or other fluids may cause electric shock, overheating, rupturing or fire.



Prohibited

**Do not use excessive force when inserting the battery pack into the phone or connecting the phone to the charger**

**Do not connect any cords with reverse polarity**

Doing so may cause the battery pack to leak, rupture, overheat or catch fire, as well as cause electric shock or malfunction.



Prohibited

**Do not touch the battery pack connectors (metal parts) with any metal objects (necklace, hairpin, etc.)**

Doing so may cause the battery pack to overheat, rupture or catch fire, as well as the metal object to overheat.



Compulsory

**Do not use a battery pack other than one supplied with or designated for the phone**

**Do not use the battery pack for any other phone**

Doing so may cause overheating, rupturing, fire or malfunction.



Compulsory

**Do not use a charger other than one supplied with or designated for the phone to charge the battery pack**

**Do not use the charger for any other phone**

Doing so may cause overheating, rupturing, fire or malfunction.

## Warning



Prohibited

### Do not charge the battery pack while it is wet or damp

Doing so may cause overheating, rusting, fire, electric shock or short circuit. If the battery pack is exposed to fluids such as water, unplug the rapid charger immediately.



Prohibited

### Do not use the phone while driving

**Do not make or receive a call and do not use other functions (messaging, game, camera, video, music, mobile light, etc.)**

Doing so may cause a traffic accident. Use of the phone while driving is prohibited by law. Before using the phone, stop the vehicle in a safe area where parking or stopping is permitted.



Prohibited

### Do not use the phone wherever there is the risk of a fire or explosion such as in a petrol station

Doing so may ignite the gases and start a fire or explosion. Turn off the phone and do not charge it wherever gases may be present (petrol station, etc.).



Prohibited

### Do not swing the phone by its strap, a video output cable or the Stereo Handsfree Headset

Doing so may cause an injury, accident or damage.



Compulsory

### Turn off the phone while you are near any precision electronic equipment

Radio waves may adversely affect the operation of electronic equipment. Examples of such equipment: medical electronic equipment such as cardiac pacemakers and hearing aids or fire alarms and automatic doors. If you use medical electronic equipment, consult with the equipment manufacturer or distributor about the influence of radio waves.



Unplug power cable

### Remove the power plug from the outlet if the rapid charger is not to be used for a long period of time or before cleaning

Failing to do so may cause an electric shock, fire or malfunction.



Compulsory

### Turn off the phone wherever its use is prohibited such as on an aircraft

**Turn off the phone after cancelling any settings such as schedule and alarm settings that turn on the phone automatically**

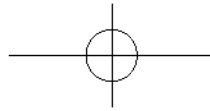
Use of the phone on an aircraft is prohibited by law.



Compulsory

### Check your surroundings to confirm that it is safe to make/receive calls, send/receive messages, take pictures or record videos

Failing to do so may cause you to trip over or cause a traffic accident.



## Warning



### **Do not use the phone with any power voltage other than the specified voltage**

**Compulsory**

Doing so may cause a fire. The power voltages are 100 to 240 V AC for the rapid charger and 12 or 24 V DC (for a negative ground car only) for a cigarette lighter charger.



### **Wipe away any dust on the plug of the rapid charger with a dry cloth after removing the plug from the outlet**

**Compulsory**

Dust on the plug or outlet may cause a fire.



### **Follow the instructions below when installing and wiring in-vehicle devices**

**Compulsory**

- **Make sure that devices do not interfere with driving and safety equipment such as airbags**
- **Make sure that wires are not caught in seatbelt buckles, doors or other moving parts**

Any wire caught around a foot, brake pedal, accelerator pedal, etc. may interfere with driving and cause a traffic accident. If any part of an in-vehicle device drops onto the floor, it may startle you into abrupt braking or steering, leading to a traffic accident.



### **If electrolyte fluid leaking from the battery pack gets into your eyes, wash your eyes immediately with clean water and have your eyes treated by an ophthalmologist**

**Compulsory**

Failing to receive treatment for your eyes may result in eye injury.



### **When thunder is heard outside, stop using the phone immediately**

**Compulsory**

#### **Turn off the phone and do not touch it**

Failing to do so may attract lightning and cause electric shock. When thunder is heard, stop using the phone and move to a safe place such as inside a building.



### **If the battery pack fails to charge in the specified time, stop charging immediately**

**Compulsory**

Failing to do so may cause overheating, rupturing or fire. Contact your nearest Vodafone Shop or Vodafone Customer Assistance (page 29-56).



### **When inserting the rapid charger plug into an AC household outlet, make sure that a metal strap or any other metal object does not touch the plug**

**Compulsory**

Failing to do so may cause electric shock, short circuit or fire.

## Warning



**Compulsory**

**If something unusual happens to the phone, battery pack or charger; for example, it emits smoke or an unusual odour or is damaged, perform the following steps immediately**

1. If the battery pack is charging, unplug the rapid charger from the AC household outlet or unplug the cigarette lighter charger from the cigarette lighter socket.
2. Make sure that the phone is not hot, then turn it off and remove the battery pack.

Failing to do so and continuing use (charging) may cause the battery pack to overheat, rupture or catch fire or the phone to overheat. If something unusual happens, contact your nearest Vodafone Shop or Vodafone Customer Assistance (page 29-56).



**Prohibited**

**Do not drop the phone or battery pack or subject it to excessive shock**

Doing so may cause overheating, rupturing, fire or malfunction.



**Prohibited**

**Do not sit down with the phone in your trousers pocket**

Excess weight may damage the display, battery pack or other parts resulting in overheating, fire or injury.

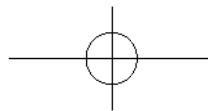


**Compulsory**

**If the phone is used near an implanted cardiac pacemaker, defibrillator or other electronic medical equipment, radio waves may interfere with such a device or equipment**

**Observe the following guidelines**

1. If you have an implanted cardiac pacemaker or defibrillator, carry and use the phone at a distance of at least 22 centimetres away from the implanted device.
2. Turn off the phone in crowded places such as packed trains because a person with an implanted cardiac pacemaker or defibrillator may be nearby. Radio waves can interfere with the operation of a cardiac pacemaker or other medical device.
3. Follow the precautions below in medical institutions.
  - Do not bring the phone into an operating room, intensive care unit or coronary care unit.
  - Turn off the phone in a hospital ward.
  - Turn off the phone in a lobby or other location close to medical equipment.
  - Observe the instructions of individual medical institutions and do not use the phone in or bring it into prohibited areas.
  - Turn off the phone after cancelling any settings such as schedule and alarm settings that turn on the phone automatically.



## Warning

4. When using electronic medical devices other than an implanted cardiac pacemaker or defibrillator outside of medical institutions (such as at home), consult with the individual medical device manufacturer about the possible influence of radio waves.

The above information conforms to "The Guidelines on Use of Mobile Phones and Other Devices to Prevent Electromagnetic Wave Interference with Electronic Medical Equipment" (Electromagnetic Compatibility Conference Japan, April 1997), as well as refers to "The Investigative Research Report on the Influence of Electromagnetic Waves on Medical Equipment" (Association of Radio Industries and Businesses, March 2001).



Prohibited

**Do not use the rapid charger with any power supply other than a 100 to 240 V AC household power supply**

Doing so may result in a fire, as well as cause the charger to overheat, catch fire or malfunction.

## Caution



Prohibited

**Do not use or leave the phone or battery pack in places where it will be exposed to direct sunlight or in hot places such as inside a car in the sun**

Doing so may cause overheating, fire or malfunction.



Prohibited

**Keep the phone, battery pack and charger away from infants and small children**

Failing to do so may result in the battery pack or memory card being accidentally swallowed or cause an injury.



Prohibited

**Make sure that the charger terminals (metal parts) do not come into contact with wires or other metal objects**

Failing to do so may cause overheating or burns.



Prohibited

**Do not pull the cord when unplugging the rapid charger or cigarette lighter charger from an AC household outlet or socket**

Damage to the cord may cause electric shock, overheating or fire.  
Hold the plug when unplugging the rapid charger or cigarette lighter charger.



Prohibited

**Do not pull, bend with excessive force or twist the cords of the rapid charger and cigarette lighter charger**

**Do not damage or modify them**

**Do not place objects on them**

**Do not apply heat and keep them away from heaters**

Damage to a cord may cause electric shock, overheating or fire.



No wet hands

**Do not plug or unplug the rapid charger with wet hands**

Doing so may cause electric shock or malfunction.



Prohibited

**Keep magnetic cards away from the phone and make sure that a magnetic card is not trapped when closing the phone**

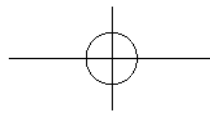
Failing to do so may cause the magnetic data on a cash card, credit card, telephone card or floppy disk to be lost.



Prohibited

**Do not use the phone in a vehicle if it affects in-vehicle electronic devices**

Use of the phone in some types of vehicles may, in some rare cases, affect in-vehicle electronic devices and interfere with safe driving.



## Caution

**Prohibited****Do not place the phone on an unstable or unlevel surface**

Doing so may result in the phone falling and causing injury or malfunction. Be particularly careful when vibration is set.

**Prohibited****Do not dispose of the used battery pack with ordinary garbage**

Insulate the connectors with tape and then dispose of the used battery pack separately from ordinary garbage or take it to your nearest Vodafone Shop. Be sure to observe local regulations on the separate collection of used batteries, wherever applicable.

**Prohibited****Do not touch the phone with sweaty hands or place it into a pocket of sweaty clothes**

Sweat and humidity may erode the internal components of the phone and cause overheating or malfunction.

**Prohibited****Do not use the cigarette lighter charger when the car engine is not running**

Doing so may result in a flat battery.

**Compulsory****If the fuse for the cigarette lighter charger blows, replace it with a designated fuse**

Replacing the fuse with other than a designated fuse may cause overheating and fire.

For details on replacing the fuse, refer to the instruction manual of the cigarette lighter charger.

**Compulsory****If fluid leaking from the battery pack comes into contact with skin or clothing, wash it away immediately with clean water**

Failing to do so may cause skin irritation.

**Compulsory**

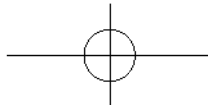
**If your skin becomes irritated, immediately stop using the phone and consult with a dermatologist**

The following materials and surface treatments have been used for the phone. Some of these materials may cause itching, irritation, eczema, etc. in some rare cases depending on the individual's constitution and physical condition.

Part	Material (Surface Treatment)
Outer housing (keypad, main display side, external display side, hinge side covers, camera section)	PC resin (UV cured acrylic coating)
Outer housing (battery compartment, front key section)	PPE/PS res coating)
Main display panel, camera panel	Acrylic resin (UV cured acrylic ink)
External display panel	Tempered glass (polyester film)
Keypad	PC resin
Keys other than keypad	PC resin (UV cured acrylic coating)
Stops	Urethane rubber
External light LED lamp	Acrylic resin
Flash panel (screw covers)	Acrylic resin (UV cured acrylic ink)
Logo badges	UV cured acrylic resin

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Part	Material (Surface Treatment)
Earphone microphone jack cap, memory card slot cap	PC resin (UV cured acrylic coating)
Cable connector cap	Polyester elastomer resin (urethane coating)
Phone charging connector	Stainless steel (gold coating, nickel undercoat)
Infrared port/charging LED window	Acrylic resin
-	Steel (nickel coating, copper undercoat)
-	PC resin (UV cured acrylic coating)
Screw covers (below main display)	PC resin (UV cured acrylic coating)
Speaker hole mesh	Stainless steel (acrylic baking coating)
Stereo Handsfree Headset	PC/ABS resin



## Caution



**Before using the phone, make sure that no metal objects (such as pins) are stuck to the earpiece**

**Compulsory** Failing to do so may result in a metal object causing an ear injury, etc.



**If you have a weak heart, be careful with the call vibration and ringtone volume settings**

**Compulsory** Failing to do so may startle you and may be harmful to your heart.



**Be careful not to trap your fingers or objects when closing the phone and not to trap your fingers in the hinge when opening the phone**

**Compulsory** Failing to do so may cause injury or damage to the LCD display.



**Do not use the mobile light and flashlight for purposes other than taking pictures, recording videos or lighting**

**Prohibited** Doing so may dazzle the eyes and cause impaired vision or other injury.



**Make sure things like paper, cloth and bedding are not placed on the phone during charging using a USB connection, AC adapter, etc.**

**Prohibited** Failing to do so may cause overheating, fire, burns or malfunction.



**Do not turn the volume up too high while using the Stereo Handsfree Headset**

**Compulsory** Prolonged exposure to high sound levels may impair hearing or sound leakage may annoy other people around you. Surrounding sounds may not be heard clearly resulting in an accident.



**Do not insert objects other than the memory card into the memory card slot**

**Prohibited** Doing so may cause overheating, electric shock or malfunction. Cover the slot with the cap at times other than when you are inserting or removing the memory card.



**Keep your face away from the memory card slot when inserting or removing the memory card**

**Prohibited** **Keep the memory card out of the reach of small children**  
If the memory card is let go of suddenly, it may fly out and hit your face resulting in injury.

## Caution

**Prohibited**

**Do not subject the memory card to vibration or shock or remove it from the slot or turn off the phone while data is being written to or read from the memory card**

Doing so may cause data loss or malfunction.

**Prohibited**

**Use only the memory card supported by the phone**

Failing to do so may cause data loss or malfunction.

The phone supports memory cards with a storage capacity of up to ▲▲▲MB (as of XXXXXX ▲▲▲▲).

**Prohibited**

**Do not let children use cables such as a video output cable or the Stereo Handsfree Headset unsupervised and keep cables out of infant's reach.**

An injury may be caused if, for instance, the cable is wrapped around a neck.

**Prohibited**

**Do not point the infrared port towards eyes while using the infrared communication**

Doing so may cause eye damage.

**Prohibited**

**Do not use the mobile light close to eyes**

Doing so may cause eye damage. Be especially careful not to take pictures or record videos with the mobile light too close to the eyes of infants.

**Prohibited**

**Do not use excessive force when inserting or removing the USIM card**

Doing so may cause a malfunction. Be careful not to injure a hand or finger when removing the card.

**Prohibited**

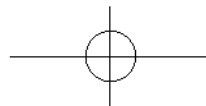
**Use only a USIM card designated for the phone**

Failing to do so may cause data loss or malfunction.

**Prohibited**

**Do not remove the polyester film from the external display**

Using the phone without the polyester film to protect against shattering of the reinforced glass may result in an injury if the external display is damaged.



## General Notes for Handling

### Using Your Phone

- The phone employs radio waves. Signals may be disrupted even within service areas if you are indoors, underground, inside a tunnel or inside a vehicle. If you move to a location with poor signal reception, a call may be suddenly cut off.
- When using the phone in public places, take care not to annoy other people around you. Use of the phone is prohibited in some public places such as in theatres or on buses and trains.
- The phone is a radio transceiver under Japanese Radio Law. You may be requested to submit the phone for inspection based on this law.
- Use of the phone near a landline phone, TV or radio may affect the image and sound quality of the equipment.
- The phone employs a digital system to maintain a high level of communication quality even at very low signal levels. However, calls may be suddenly cut off when the signal strength becomes too weak.
- The digital system provides a high level of privacy protection. However, the possibility of someone eavesdropping on your conversation cannot be ruled out as long as radio waves are used.
- Data stored on the phone may be corrupted or lost on the following occasions.
  - The phone is used improperly.
  - The phone is exposed to static electricity or electric noise.
  - The phone is turned off during operation.
  - The battery pack is completely discharged.
  - The phone malfunctions or is sent for repairs.

Vodafone and Toshiba accept no liability whatsoever for the corruption or loss of stored data. Be sure to keep a separate memo of important data to limit damage caused by data corruption or loss to a minimum.

- Be sure to charge the battery pack before using the phone for the first time or if the phone has not been used for a long time. When the battery pack is stored for a long time, it discharges over time even if it is not used.
- 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.
- When certain items are taken out of the country, documentation may be required to certify that the export of the items is not controlled, prohibited, or restricted by the Export Trade Control Order and Foreign Exchange Order. Basically, no such documentation is required if you take the phone out of the country and bring it back for the purpose of personal use when going on vacations or short business trips. In some cases, however, an export permit may be required if the phone is to be used by or transferred to anyone else.

Furthermore, a US government export permit may be required when taking the phone to countries for which the US government has imposed export restrictions (Cuba, Libya, North Korea, Iran, Sudan, Syria).  
For details on export laws, regulations and procedures, refer to the Web page of the Security Export Control Policy Division of the Ministry of Economy, Trade and Industry.
- If you have hearing aids, use of the phone may interfere with some operations of the hearing aids. If there is any interference, consult with the manufacturer or distributor of the hearing aids.

## Inside Vehicles

- Do not use the phone while driving. Use of the phone while driving is prohibited by law.
- Before using the phone, stop the vehicle in a safe area where parking or stopping is permitted.

## Aboard Aircraft

- Do not use the phone on an aircraft. Turn off the phone after cancelling any settings such as schedule and alarm settings that turn on the phone automatically. Do not turn the phone back on while you are on the aircraft. Use of the phone on an aircraft is prohibited by law.

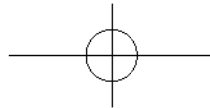
## Handling Basics

- Do not use the phone in extreme temperatures, direct sunlight and humid or dusty places.
- Do not drop the phone or subject it to excessive shock.
- To clean the phone, wipe it with a dry soft cloth. Do not use alcohol, thinner, benzene or other solvents. Doing so may cause discoloration and remove the printed logo.
- Take care not to expose the phone to rain, snow or high humidity. The phone, battery pack, charger, Stereo Handsfree Headset and other optional accessories are not waterproof.
- Do not remove the battery pack while the power is turned on. Doing so may cause a malfunction.

- If the battery pack has been removed from the phone or the phone has not been charged for a long time, stored data and settings may be lost or altered. Vodafone and Toshiba accept no liability whatsoever for any damage or loss resulting from such negligence.
- The battery pack is a consumable item employing lithium ions. Replace the battery pack with a new one if the operation time becomes extremely short after it is fully charged. Buy a new battery pack designated for the phone.
- When disposing of a used battery pack after battery pack replacement or discontinued use of the phone, insulate the connectors with tape or place the battery pack into a plastic bag and then take it to your nearest Vodafone Shop or battery pack recycling cooperative store. Be sure to observe local regulations on the separate collection of used batteries, wherever applicable.
- Some phone display pixels may be missing or remain lit. This is not a defect or malfunction. If the display is left on for a long period of time, pictures may be permanently burned into it.
- Make sure the Stereo Handsfree Headset or Analogue adapter cable is securely plugged into the earphone microphone jack. Failing to do so may generate noise on the other party's phone during calls.
- Do not turn the volume up too high when using the Stereo Handsfree Headset. Prolonged exposure to high sound levels may impair hearing or sound leakage may annoy other people around you. Surrounding sounds may not be heard clearly while you are doing something such as walking resulting in an accident.
- When not using the earphone microphone jack and external connector, make sure they are covered with the caps. Otherwise, dust and water may enter the phone, resulting in malfunction.



**Li-ion**



- Hold the plug and do not pull the cord when unplugging the Stereo Handsfree Headset, Analogue adapter cable or a video output cable. Pulling the cord may cause damage or malfunction.
- Do not close the phone with the strap, USB cable, Stereo Handsfree Headset or a video output cable inside. Doing so may cause malfunction or damage.
- The antenna of the phone is built into the body and does not protrude. Signal sensitivity may be reduced if you touch or cover the portion of the body containing the internal antenna (page 29-26). In particular, do not affix things like stickers onto this portion of the body.
- When you replace the phone or send it for repair, messages and other data stored in the phone cannot be transferred to another phone.
- Do not drop the USIM card or subject it to excessive shock. Doing so may cause a malfunction.
- Do not bend the USIM card or place a heavy object on it. Doing so may cause a malfunction.
- Do not allow the USIM card to get wet or leave it in places of high humidity. Doing so may cause a malfunction.
- Do not use or leave the USIM card in hot places such as near a fire or heater. Doing so may cause a malfunction.
- Avoid storing the USIM card in direct sunlight or hot and humid places. Failing to do so may cause a malfunction.
- Keep the USIM card out of infants' reach. Failing to do so may result in the USIM card being accidentally swallowed or cause an injury.
- Before using the USIM card, read the instruction manual of the USIM card thoroughly to ensure safe and proper operation.

### Mobile Camera

- Be sure to observe proper etiquette when using the camera.
- Do not expose the camera lens to direct sunlight. Concentrated sunlight through the lens may cause the phone to malfunction.
- Be sure to try taking and previewing pictures before using the camera on important occasions like wedding ceremonies.
- Do not commercially use or transfer pictures taken with the camera without the permission of the copyright holder (photographer), except for personal use.
- Do not use the camera in locations where taking photos and recording videos are prohibited.

### Mobile Light & External Light

- Do not use the mobile light in hot, cold or humid places. Doing so may shorten its life.
- The mobile light and external light have a limited life. Repeated use will decrease the light intensity.

## Copyrights

Copyrighted materials, such as music, images, computer programs and databases, and their respective holders are protected by copyright laws. Duplication of copyrighted materials is permitted only for individual or home use. Making copies (including data conversion), modifications, transfers or network distributions of copies for purposes other than stated above without proper authorization constitutes an infringement of copyrights and moral rights, potentially resulting in claims for reparations or criminal punishment. If you use the phone to make copies, observe the copyright laws. Furthermore, recording materials using the camera is also subject to the same laws.

## Right of Portrait

Portrait right is the right of an individual to refuse to be photographed by others and protects from the unauthorized publication or use of an individual's photograph by others. Right of personality is a portrait right applicable to all citizens and right of publicity is a portrait right (property right) designed to protect celebrities' interests. Be careful when taking pictures with the phone camera. Photographing, publicizing and distributing photographs of citizens and celebrities without permission are illegal.

## FCC Notice

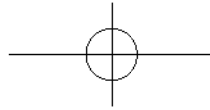
The handset may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the handset if such interference cannot be eliminated.

## 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.



## 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 organisations 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 ▲▲▲▲ W/kg and when worn on the body, as described in this user guide, is ▲▲▲▲ W/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 Authorisation 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-E02.

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.

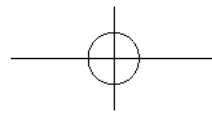
The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was ▲▲▲▲ W/kg\*. As mobile devices offer a range of functions, they can be used in other positions, such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

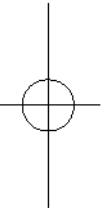
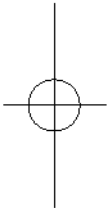
\*\* Please see the <FCC RF Exposure Information> section about body worn operation.



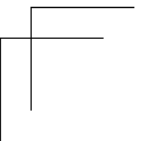
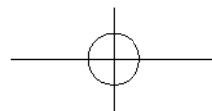
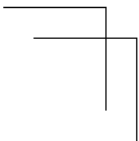
21

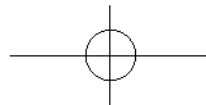
Abridged English Manual

DECLARATION OF CONFORMITY  
作成中



21-22





## USIM Card

The USIM card is an IC card that stores customer information such as your phone number. Only insert the USIM card in a USIM card compatible Vodafone mobile phone.

- If the USIM card is not inserted, the phone cannot be used.

## PIN Codes

For security, the USIM card has two security codes: PIN1 and PIN2. Do not reveal them to other people or forget them.

### PIN1

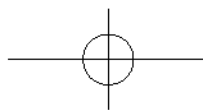
This is a four to eight digit security code to prevent others from using your phone. The default setting is "9999."

### PIN2

This is the four to eight digit security code required for operations such as resetting Call Costs and setting Fixed Dialling Numbers. The default setting is "9999."

## PUK (Personal Unblocking Key) Codes

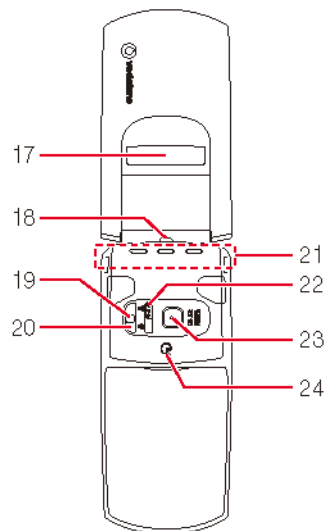
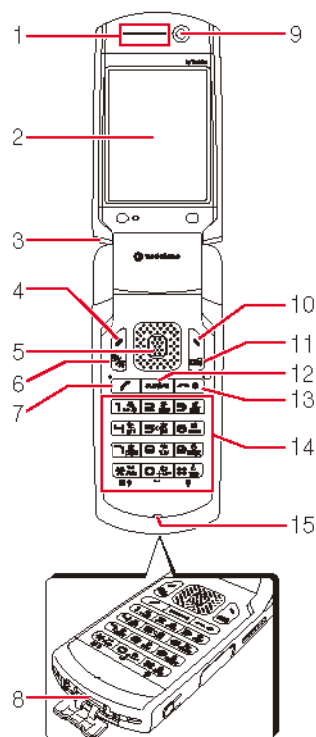
PUK codes are required to cancel PIN1 lock and PIN2 lock. PIN1/PIN2 lock is set when an incorrect PIN1 or PIN2 is entered three times consecutively. To obtain the PUK1/PUK2 code, contact Vodafone General Information (page 29-56). If the PUK1/PUK2 code is incorrectly entered ten times in a row, the USIM card is locked. There is no way to cancel the USIM card lock. Contact Vodafone General Information (page 29-56).



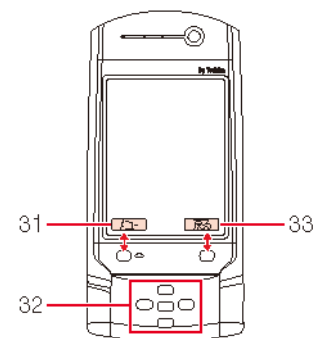
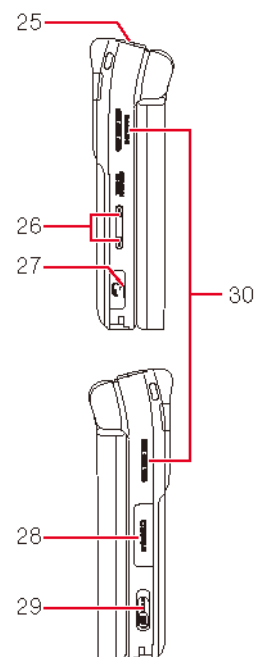
21

## Name & Function of Each Part

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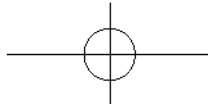











### Attaching the Handstrap




\*When in turnover style


21-24




1. **Earpiece**
2. **Main Display**
3. **External Light**: Flashes for incoming calls, messages, etc.
4. **Left Soft Key** : Allows you to select items and use the Options menu. You can also use this key to access the Messaging menu from standby mode.
5. **Navigation Key** : Moves the cursor up, down, left or right, accesses functions assigned to the navigation key, etc.  
**Centre Key** : Displays the Main menu from standby mode. You can use this key to confirm selected items and perform selected operations.
6. **Video Call Key** : Make and answer video calls.
7. **Send Key** : Makes and answers calls.
8. **Cable and Phone Charging Connector**: Connect Rapid Charger and other devices.
9. **Internal Camera Lends**: Used for video calls, etc.
10. **Charging Indicator**: Lights during charging and goes out when charging is complete.
11. **Right Soft Key** : Takes you back to the last operation, cancels operations, etc. You can also use this key to access Vodafone live! from standby mode.
12. **Media Player Key** : Starts Media Player from standby mode.
13. **Clear/Memo Key** : Deletes input characters and takes you back to the last operation. You can also use this key to access Answerphone from standby mode.
14. **End/Power Key** : Turns on/off the power, ends calls/operations and takes you back to standby mode.
15. **Keypad**: Allows you to enter phone numbers, characters, etc. To listen to the Voicemail service, press and hold 1 from standby mode.

To enter " + " for making an international call, press and hold  from standby mode.

**\*/[Key]** : Allows you to switch between uppercase and lowercase. You can also use this key to scroll to the previous page in a screen displaying a list or turn the mobile light on or off during camera use.

To set/cancel the key guard, press and hold  from standby mode.

**#/[Key]** : Allows you to enter symbols, etc. You can also use this key to scroll to the next page in a screen displaying a list.

To set or cancel Silent, press and hold  from standby mode.

## 16. Microphone

**17. External Display**: Notifies of incoming calls, received messages and other information while your phone is closed.

**18. Infrared Port**: Used for exchanging data by infrared.

**19. Mobile Light**: Used as a light when taking pictures or recording videos at night time or while indoors.

**20. Camera/Video Indicator**: Flashes when the camera or video is activated.


**21. Internal Antenna**: The antenna is built into your phone.

**22. Macro Switch**: Use to switch between standard mode and macro mode.

**23. External Camera Lens**: Used for taking pictures and recording videos.



**24. IC Card**: A built-in IC card for using Vodafone live! FeliCa. Place the  logo near a reader/writer.

## 25. Handstrap Hole



**26. Side Key** /Side Key : Used for moving cursor up and down and adjusting the volume. Press and hold  to use it as a shortcut key.


**27. Earphone Microphone/AV OUT Jack**: Connect the Stereo Earphone-Microphone with Audio Remote Control or video output cable.



## 28. Memory Card Slot


**29. Side Key** : Activates the camera, etc. This key also acts as the shutter button during camera use. Press and hold  while your phone is closed to set/cancel the Hold setting for the side keys and Music Player keys.

### 30. Stereo Speakers

**31. External Left Soft Key** : This key is only enabled in turnover style. (It is identical to the Left Soft Key .)

**32. External Navigation Key** : This key is only enabled in turnover style. (It is identical to the Navigation Key .)





**External Centre Key** : This key is only enabled in turnover style. (It is identical to the Centre Key .)

**33. External Right Soft Key**: This key is only enabled in turnover style. (It is identical to the Right Soft Key .)

## Main Display Indicators



### ① Signal Strength

 Strong  Weak  
 Moderate  Faint

### Out of Range

### Offline Mode On

### External Connection for Data Synchronisation

### ② Voice/Video Call

### Secret Mode On

### Dial-up Connection

### Location Position

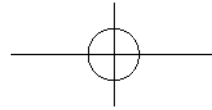
### Quick Positioning Activated/Paused

### ③ Exchanging Data

### Displaying Picture File with Location Information

### Packet Transmission Ready

### Packet Network Range

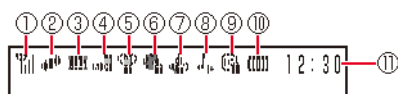


- ④ **3G [UMTS] Network Connection/Roaming**
  - GSM Network Connection/Roaming**
  - GPRS Network Connection/Roaming**
  - Service Area of Operator Other than Vodafone**
- ⑤ **Reception of High Priority MMS**
  - Reception of Rights Object**  
Indicates the reception of a content key during operation.
  - New MMS/SMS**
  - New WAP Push Message**
  - New CAST**
- ⑥ **Silent**
  - Car**
  - Meeting**
- ⑦ **Web SSL**  
Indicates a connection to an information page with security protection.
  - Bluetooth™ Connection Established/Connection Standby**
  - Bluetooth™ Connection Lost**
  - Infrared Communication**
- ⑧ **V-appli Activated/Paused**
- ⑨ **Music File Playing**
  - Music File Playback Paused**
  - Video File Playing**
  - Streaming Playback**
  - Memory Card Inserted**
- ⑩ **Battery Level**
  - Sufficiently charged Very Low
  - Moderate Charge Immediately
  - Low
  - Charging

- ⑪ **Time**
- ⑫ **Key Guard Set**
- ⑬ **Phone Lock Set**
- ⑭ **Secret Mode On**
- ⑮ **Alarm Set**
- ⑯ **IC Card Lock Set**
- ⑰ **Silent and Vibration Set**
  - Silent Set**
  - Vibration Set**
- ⑱ **Information Prompt**
- ⑲ **Missed Call**
- ⑲ **SMS maximum for Received Msgs.**  
Indicates Received Msgs. contains the maximum number of SMS messages.
- ⑳ **New Voicemail Message**
  - Call Diverting without Ringer Set for Voice Call**
  - Call Diverting without Ringer Set for Video Call**
  - Call Diverting without Ringer Set for Voice and Video Calls**
- ㉑ **Answerphone On and You Have a Message**  
 **Answerphone Off and You Have a Message**

## External Display Indicators

Allows you to confirm information when your phone is closed.



### ① Signal Strength

Strong    Weak  
 Moderate    Faint

Out of Range

Offline Mode On

External Connection for Data Synchronisation

### ② Exchanging Data

Location Position

Quick Positioning Activated/Paused

Packet Transmission Ready

Packet Network Range

### ③ 3G [UMTS] Network Connection/Roaming

GSM Network Connection/Roaming

GPRS Network Connection/Roaming

Service Area of Operator Other than Vodafone

### ④ Missed Call

Reception of High Priority MMS

Reception of Rights Object

Indicates the reception of a content key during operation.

New MMS/SMS

New WAP Push Message

New CAST

Memory Card Inserted

### ⑤ Silent

Car

Meeting

### ⑥ Web SSL

Indicates a connection to an information page with security protection.

Bluetooth™ Connection Established/Connection Standby

Bluetooth™ Connection Lost

Infrared Communication

Key Guard Set

Phone Lock Set

### ⑦ V-appli Activated/Paused

Alarm Set

### ⑧ Music File Playing

Music File Playback Paused

Video File Playing

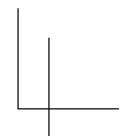
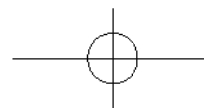
Streaming Playback

New Voicemail Message

Answerphone On and You Have a Message

Answerphone Off and You Have a Message

### ⑨ IC Card Lock Set



- ⑩ **Battery Level**
- Sufficiently charged
  - Moderate
  - Low
  - Charging
- ⑪ **Time**
- Very Low
- Charge Immediately

## Codes

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

### Security Code

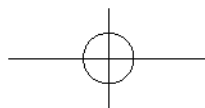
Your security code is "9999" or the four-digit number you selected when you concluded your contract. It is required to use various functions.

### Centre Access Code

Your centre access code is the four-digit number you wrote on your application form 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 code is the four-digit number you selected when you concluded your contract. It is required to set call barring.



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## Charging the Battery Pack

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- 1 Connect the rapid charger to your phone**  
Open the external connector cover of your phone. With the inscription facing upwards, insert the connector of the rapid charger into the external connector.
- 2 Insert the plug of the rapid charger into an AC outlet**  
The charging indicator lights up in red and charging begins.
- 3 After the charging indicator goes out, remove the plug of the rapid charger from the AC outlet**
- 4 Disconnect the rapid charger from your phone**  
When you remove the connector, press the release buttons on both sides of the connector.

### Note

- The rapid charger supports a power supply of 100 to 240 V AC.
- To use the rapid charger in another country, purchase and use an appropriate adapter plug for the country. Vodafone accepts no liability whatsoever for any problem resulting from charging overseas.

## Basic Operations

### Turning On the Power

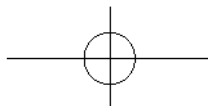
- 1 Press and hold**   
The standby screen appears.

### Turning Off the Power

- 1 Press and hold** 

### Language Setting

- 1 In standby mode, press**   
The main menu appears.
- 2 Select** 設定 → 一般設定 → *Language*
- 3 Select language and press**  (選択)  
**自動選択** : Selects the language set for the language setting in the USIM card automatically.  
**日本語** : Sets the language to Japanese.  
**English** : Sets the language to English.



## Time & Date Setting

- 1 In standby mode, press
- 2 Select *Settings* → *Phone Settings* → *Date&Time* → *Set Date/Time*
- 3 Enter the year, month, day and time and press

## Making a Call

- 1 Make sure the power is on
- 2 In standby mode, enter a phone number and press
- 3 Press to end the call

## Redialing a Phone Number

- 1 In standby mode, press
- 2 Select a phone number and press
- 3 Press to end the call

## Answering a Call

- 1 A call is received
- 2 Press
- 3 Press to end the call

## Placing a Call on Hold

- 1 Press (Hold) when a call is received  
Voice guidance in Japanese notifies the caller that you are unable to answer the call at the moment.
- 2 Press (Unhold) to answer the call
- 3 Press to end the call

## Rejecting a Call

- 1 Press when a call is received

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## Viewing Call Log

### 1 In standby mode, press

Dialled Numbers appears.

### 2 Press

Received Calls appears.

### 3 Press

Missed Calls appears.

#### Tip

- To display Received Calls, press  from standby. Press  once to switch to Dialled Numbers and twice to switch to Missed Calls.

## Viewing the Call Time

### 1 In standby mode, press

### 2 Select *Phonebook* → *Call Log* → *Call Timers*

### 3 Select *Last Call* or *All Calls* and press

#### Note

- The displayed call time serves as a guide only and may differ from the actual call time.

## Viewing the Call Cost

### 1 In standby mode, press

### 2 Select *Phonebook* → *Call Log* → *Call Costs*

### 3 Select *Last Call* or *All Calls* and press

#### Note

- The displayed call cost serves as a guide only and may differ from the actual call cost.

## Viewing the Data Transfer Volume

### 1 In standby mode, press



### 2 Select *Phonebook* → *Call Log* → *Data Counter*

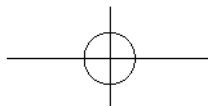
### 3 Select *Last Data* or *All Data* and press

#### Note

- The displayed data transfer volume serves as a guide only and may differ from the actual data transfer volume.

#### Tip

- To view your phone number during a call, press  (Options), select *My Details* and press .



## Setting the Network

To use your phone when travelling outside Japan, change the network setting.

- 1 In standby mode, press
- 2 Select *Settings* → *Network Settings* → *Select Network* → *Select Network*
- 3 Select **Automatic** or **Manual** and press (OK)

**Automatic:** Selects an available network automatically.

**Manual:** Allows you to select the network you want to use from the Network list.

## Setting the System Mode

You can switch the system mode depending on the country or area in which you are located.

- 1 In standby mode, press
  - 2 Select *Settings* → *Network Settings* → *System Mode*
  - 3 Select **Dual**, **UMTS Only** or **GSM Only** and press
- Dual:** Selects the available system mode automatically. If both system modes are available, the phone selects your preferred mode.
- UMTS Only:** Sets the system mode to UMTS only.
- GSM Only:** Sets the system mode to GSM only.

## Setting/Cancelling Manner Mode

- 1 In standby mode, press and hold

## Answerphone

This feature can record a caller's message when you are unable to answer a voice call.

### Setting Answerphone




- 1 In standby mode, press and hold
- To cancel Answerphone, press and hold again.

### Playing a Message

- 1 In standby mode, press
- 2 Select a message and press

Your phone has four text entry modes.

### Switching Text Entry Modes









- 1 From a text entry window, press  (Options)
- 2 Select *Input Method* and press 
- 3 Select a text entry mode and press 

**T9 abc/T9 Abc/T9 ABC:** Allows you to enter characters in T9 mode. abc/Abc/ABC (Multi Tap mode): Enter roman letters using the keypad.

**Symbols:** Symbols input mode.

**Numeric:** Numeric input mode.

#### Tip

- You can perform the following operations from an input screen 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 enter a space, press .
  - To enter a number, press and hold a digit key.
- To enter a symbol, press  once. To enter a pictograph, press  twice.
- To delete a character, press  (Clear) or .
- To enter +, press and hold  in a number entry mode.



### Entering Characters in T9 Mode

In T9 mode, press a key once for each letter you want to enter. This feature displays word predictions while you enter characters.

Example: Entering "dog"

- 1 Press   
- 2 Press  to display the next prediction
- 3 Press  to confirm your selection

#### Tip

- To enter a symbol, press  and use  to select a symbol.

### Entering Characters in Multi Tap Mode

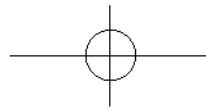
In Multi Tap mode, each press of key cycles through the letters and symbols assigned to the key.

Example: Entering "dog"

- 1 Press  once,  three times and  once

#### Tip

- To enter a symbol, press .



## Contacts List

Saving phone numbers, email addresses and other information to the Contacts list makes it easier to make calls and send messages. You can also save Contacts list entries to the USIM card and the memory card. The maximum number of entries you can save differs depending on the capacity of the USIM card and the memory card.

### Adding an Entry to the Contacts List

- 1 In standby mode, press
- 2 Select *Phonebook* → *Create Contact*
- 3 Select an item, enter information and press
- 4 Press (Options)
- 5 Select *Save* and press


### Making a Call from the Contacts List

- 1 In standby mode, press
- 2 Select *Phonebook* → *Contacts List*
- 3 Select an entry and press
- 4 Select phone number and press




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

- A video call is only possible in areas with 3G-network coverage (UMTS areas). When you are in an area with 3G-network coverage,  appears on the display.




### Making a Video Call

- 1 Make sure you are in an area with 3G-network coverage (UMTS area)
- 2 Enter a phone number and press  (Options)
- 3 Select *Video Call* and press 
- 4 Press  to end the call

### Answering a Video Call

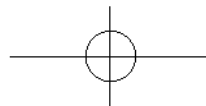
- 1 A video call is received
- 2 Press 
- 3 Press  to end the call

### Placing a Call on Hold

- 1 Press  (Hold) when a video call is received  
Voice guidance in Japanese notifies the caller that you are unable to answer the call at the moment.
- 2 Press  (Unhold) to answer the call
- 3 Press  to end the call

### Rejecting a Call

- 1 Press  when a video call is received



## Camera

### Taking a Picture

**Digital Camera:** Allows you to take pictures at VGA (W640×H480) size or larger.

**Mobile Camera:** Allows you to take pictures at QVGA (W240 × H320) size or smaller for use as wallpaper, etc.

**Scanner:** Allows you to scan QR Codes.

**1** In standby mode, press 

**2** Frame the subject in the main display and press  or 

The shutter sound is heard and the picture is saved automatically to the preset storage place.

### Recording a Video

**Camcorder:** Allows you to record videos up to approximately 20 minutes long and save them to your phone or the memory card.

**For MMS:** Allows you to record videos for sending as MMS attachments.

**Short Video:** Allows you to record videos for sending as MMS attachments to MPEG-4 compatible Vodafone mobile phones (PDC).

**1** In standby mode, press and hold 

**2** Frame the subject in the main display and press  or 

The start sound is heard and recording begins.

**3** Press  or 

The end sound is heard and the video is saved automatically to the preset storage place.

#### Tip

- In Camcorder mode, press  to pause recording and press  to resume recording.

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## 21 Media Player

Media Player allows you to play video/melody files, stream files and add files to Favourites.

### Playing a Media File

- 1 In standby mode, press   
Media Player appears.
- 2 Select a file and press 

### Creating a Playlist

A playlist allows you to group files together so that you can play them as a set.

- 1 In standby mode, press 
- 2 Select *Playlists* → *Phone Memory/Memory Card* → *Create Playlist*
- 3 Enter the name of the playlist and press 
- 4 Select *Beat Engine Box*, *My Sounds* or *Recent* and press 
- 5 Select a file and press   
To add another file, repeat Step 5.

- 6 Press  (Options)

- 7 Select *Add to Playlist* and press  (Select)

### Playing a Playlist

- 1 In standby mode, press 
- 2 Select *Playlists* → *Phone Memory/Memory Card*
- 3 Select a playlist and press 

## Navigation & Location Information

The 904T is equipped with navigation and location information functions. Use location information to determine your current location. Send and receive location information to and from compatible Vodafone mobile phones.

### Navigation

You can use the navigation application to obtain information for your current location or check the route to your destination.

#### Note

- The preinstalled navigation application is only in Japanese.

### Current Position











You can locate your current position and display a map in real time or send location information for your current position by MMS.

## Memory Card

You can save the pictures you take, videos you record and various downloaded files to memory cards.

- If the battery level is low, your phone may not be able to read or write files.
- Processing may take a while for some types of files.
- When a file is saved to a memory card from a PC or other device, you may not be able to open the file on your phone.

### Memory Card Configuration

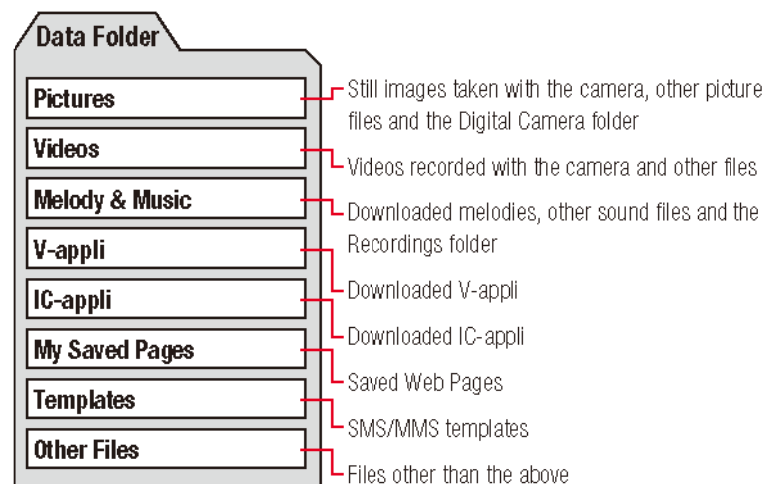
Folder Name	Description
 <b>DCIM</b>	Stores pictures taken in Digital Camera mode.
 <b>PRIVATE</b>	—
 <b>TOSHIBA</b>	—
 <b>Musiclib</b>	Only available from Media Player and Music Player.
 <b>VODAFONE</b>	—
 <b>My Items</b>	The folder configuration (Pictures, Videos, Melody&Music, V-appli, Other Files) is identical to that of Data Folder in your phone (page 29-43).
 <b>TS_Folder</b>	—
 <b>Utility</b>	—
 <b>Calendar</b>	Stores appointment backup files.
 <b>Contacts</b>	Stores Contacts list backup files.

## Data Folder





























You can save the pictures you take, videos you record and various downloaded files to Data Folder.

- You can directly access Vodafone live! from the Pictures, Videos, Melody&Music and IC-appli folders and then download data.

### Data Folder Configuration



## Files Storable in Data Folder

Folder	File Format (Extension)
 <b>Pictures</b>  <b>Digital Camera<sup>1</sup></b>	 JPEG (.jpeg, .jpg, .jpe)  GIF (.gif)  WBMP (.wbmp)  PNG (.png)
 <b>Videos</b>	 MPEG-4 <sup>2</sup> (.3gp, .3g2, .mp4)
 <b>Melody &amp; Music</b>  <b>Recordings<sup>3</sup></b>	 AMR (.amr)  SMF, SP-MIDI <sup>2</sup> (.mid, .midi)  SMAF (.mmf)  XMF (.xmf0, .xmf1)  MPEG-4 <sup>4</sup> (.3gp)
 <b>V-appli</b>	 Java (.jad, .jar, .rms)
 <b>IC-appli</b>	
 <b>My Saved Pages</b>	 HTML, XHTML (.htm, .html, .xml, .xhtml, etc.)
 <b>Templates</b>	 Template
 <b>Other Files</b>	 vCard (.vcf)  vCalendar (.vcs)  SVG (.svg)  Text (.txt)  Files other than the above <sup>4</sup> (extensions other than the above)

1: Files that do not comply with the DCF standard cannot be displayed.

2: Some files may not be able to be played.

3: Only files of AMR (.amr) format can be saved to the Recordings folder.

4: These files cannot be displayed/played on your phone.

## Note

- You may not be able to open a file on a PC, PDA, or other device if: You change the file name on your phone or the file name includes a " ~ " or " \_ ".

## Tip

- DCF is an abbreviation for "Design rule for Camera File system," a standard developed by the Japan Electronic Industry Development Association (JEIDA) for the purpose of facilitating the transfer of digital camera images between various devices.
- Whether a file can be sent by infrared or moved to the memory card depends on the forwarding and external device forwarding permission properties.




## Data Communication

### Using Infrared




Use the Infrared feature to transfer files between your phone and other infrared compatible devices.

- Bring the infrared port of your phone to within 20 cm of the infrared port of the other infrared compatible device and align both ports. Make sure no objects are placed between them.
- Do not move the devices until the file transfer is complete.
- Direct sunlight or fluorescent light may interfere with infrared communication.
- A dirty infrared port may cause an infrared communication failure. If the infrared port is dirty, gently wipe it with a soft cloth while making sure not to scratch the port.

### Sending Data

- 1 Select a file from a function that supports infrared**
- 2 Press  (Options)**
- 3 Select *Send*, *Send vCard* or *Send vCalendar* and press **
- 4 Select *Via Infrared* and press **

### Receiving Data

- 1 In standby mode, press **
- 2 Select *Settings* → *Connectivity* → *Infrared* → *Incoming Data***
- 3 Enter your security code (page 29-31)**
- 4 Press  (OK) to switch to offline mode**
- 5 Select *Save* and press **





To reject the reception of files, select Reject.

### Using Bluetooth™



You can transfer Contacts list, picture and other files between your phone and another Bluetooth™ compatible device. You can also use a handsfree compatible device to make a handsfree call.

- Communication tests have not been performed for all Bluetooth™ compatible devices. There is no guarantee of connection with all Bluetooth™ devices.
- The security function used for wireless communication complies with the standard specifications of Bluetooth™. However, take care when using Bluetooth™ for data communication because, in some cases, security may be inadequate depending on the operating environment and configuration.
- Vodafone accepts no liability whatsoever for any data generated or information leaked during Bluetooth™ communication.
- The default setting for the Bluetooth™ connection standby status is Off.
- The default setting for Visibility is Show My Phone.

**Sending Data**

- 1** Select a file from a function that supports Bluetooth™
- 2** Press  (Options)
- 3** Select *Send*, *Send vCard* or *Send vCalendar* and press 
- 4** Select *Via Bluetooth* and press 
- 5** Select the destination device and press 

**Receiving Data**


- 1** Press  (Yes) when a confirmation screen appears after a connection request is received from a Bluetooth™ compatible device in the vicinity
- 2** Select *Save* and press   
To reject the reception of files, select *Reject*.

**Using USB**

You can use the USB cable to connect your phone to a PC and then transfer Data Folder files.

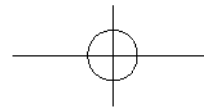
- The supplied USB driver and My Mobile software need to be installed before you connect your phone and PC by the USB cable. For details on the installation procedure, refer to the Installation Guide supplied with the USB cable.
- For details on the PC operating environments supported, refer to the Installation Guide supplied with the USB cable.
- For details on connecting the USB cable to a PC, refer to the Installation Guide supplied with the USB cable.

**Transferring Music Files from a PC**

- 1** In standby mode, use the USB cable to connect your phone to the PC  
A confirmation screen appears.
- 2** Press  (Yes)  
Your phone switches to music transfer mode.
- 3** From the PC, transfer music files to the memory card of your phone

**Sending Data**

- 1** In standby mode, press 



**2** Select *Settings* → *Connectivity* → *USB* → *Data Transfer*

**3** Follow the instructions on the PC to receive data from your phone to the PC

#### Receiving Data

**1** In standby mode, press 

**2** Select *Settings* → *Connectivity* → *USB* → *Data Transfer*

**3** Follow the instructions on the PC to receive data from the PC to your phone

## Optional Services

### Call Divert

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

### Voicemail

This service allows a caller to leave a message at the Voicemail Centre when your phone is out of range or a call is in progress. This service is unavailable when Call Waiting is set.

### Call Waiting

This service allows you to place a call on hold to receive another incoming call.

### Multiparty Call

This service allows you to call another party during a call and talk to multiple parties simultaneously.

### Call Barring





This service allows you to stop all outgoing and incoming calls including international calls.

### Caller ID

This service allows you to notify the other party of your phone number when you make a call and allows you to confirm the phone number of a caller.

Vodafone live! is an online service that enables you to use the Internet to access various genres of content. You can also download pictures, sounds and various applications.

### Retrieving Network Information

Before you can use Vodafone live!, you need to retrieve the network connection information. The first time you press , ,  or  after purchasing your phone, a prompt appears.

**1 In standby mode, press **

**2 Press  (Yes)**

A network connection is established and the network information is retrieved.

## Messaging

### MMS

This service allows you to exchange long text messages and picture, melody and other attachments with MMS compatible Vodafone mobile phones and email compatible devices connected to the Internet.

### SMS

This service allows you to exchange short text messages with SMS compatible Vodafone mobile phones.

### Changing Your Mail Address

You can change the account name (part before @) of your email address.

**1 In standby mode, press  (Ⓢ)**

**2 Select *My Vodafone* and press **

**3 Select 各種変更手続き and press **

**4 Select オリジナルメール設定・各種メール設定 and press **

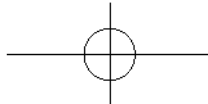
**5 Select the centre access code input field and press **

**6 Enter your centre access code and press **

**7 Select OK and press **

**8 Select 1. 各種メール設定 and press **

**9 Select 1. メールアドレス編集 and press **



**10** Select the character input field and press

**11** Enter an account name and press

**12** Select *OK* and press

**Note**

- If *ご希望のEメールアドレスは既に登録されています。他のアドレスを入力してください* (The address has already been registered. Enter another address.) appears repeat from Step 10.

## Receiving Messages

### Checking the Contents of a Message

**1** In standby mode, press (

**2** Select *Received Msgs.* and press

**3** Select the message you want to check and press

MMS      MMS Notification      SMS  
 WAP Push      Report

**Note**

You can perform the following operations if you press J (Options) after Step 3. (The items that are available depend on the screen.)

Menu Item	Description
Extract	Allows you to use a phone number, email address, URL or file in the message.
Play <sup>1</sup>	Plays the MMS message.
View 3D Mail	Displays a 3D view of the message.
Delete	Deletes the message.
Save Sender	Allows you to save the phone number of the sender to the Contacts list.
View Item <sup>1</sup>	Allows you to play or save a file attached to an MMS message.
Save as Template <sup>2</sup>	Allows you to save the message as a template.
Copy Text	Allows you to copy text to the clipboard.
Move to Phone/USIM <sup>2</sup>	Allows you to move the SMS message to your USIM card or phone.
Details	Displays the message properties.

1: Only available for MMS.

2: Only available for SMS.

### Retrieving MMS Message

When an MMS exceeds 285 characters (285 bytes) the initial portion of the message is delivered as a notification. To retrieve the complete message, perform the following steps:


#### 1 Display the MMS notification

For details on displaying messages, see page 29-49.

#### 2 Select *Retrieve MMS* and press

The complete message is downloaded.

#### Tip

- To delete the message from the server, press  (Options) after Step 1 and select *Delete*.

### Replying to a Message

#### 1 Display the message

For details on displaying messages, see page 29-49.

#### 2 Press (Options)

#### 3 Select *Reply* and press (Select)

#### 4 Select *Reply as MMS*, *Reply All* or *Reply as SMS* and press

For details on creating messages, see below.

### Forwarding a Message

#### 1 Display the message

For details on displaying messages, see page 29-49.

#### 2 Press (Options)

#### 3 Select *Forward* and press

For details on creating messages, see below.

### Sending Messages

#### Sending an MMS Message

#### 1 In standby mode, press (Envelope)

#### 2 Select *Create Message* → *MMS* → *Add Recipients*

#### 3 Select *Enter Recipient* and press

Alternatively, you can specify an address from the Contacts list or specify a group as an address.

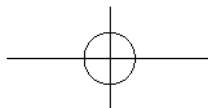
#### 4 Enter an address and press

#### 5 Select *Add Subject* and press

#### 6 Enter the subject and press

#### 7 Select *Add Text* and press

#### 8 Enter the body text and press



**9** Select *Add Picture, Add Sound, Add Video or Add Other Files* and press

**10** Specify an attachment file and press

**11** press

#### Sending an SMS Message

**1** In standby mode, press

**2** Select *Create Message* → **SMS**

**3** Enter the body text and press

**4** Select *Enter Recipient* and press

Alternatively, you can specify a phone number from the Contacts list.

**5** Enter a phone number and press

**6** press

#### Messaging Settings

**1** In standby mode, press

**2** Select *Settings* and press

**3** Select an item and press

You can configure the following settings.

MMS Settings	Receiving Settings	<ul style="list-style-type: none"><li>● Retrieve Mode</li><li>● Auto-extract File</li><li>● Reply for Delivery</li><li>● Anonymous Msg.</li></ul>
	Sending Settings	<ul style="list-style-type: none"><li>● Delivery Report</li><li>● Delivery Time</li><li>● Expiry Time</li><li>● MMS Signature</li><li>● MMS Priority</li></ul>
	Default Recipient	
SMS Settings	<ul style="list-style-type: none"><li>● Delivery Report</li><li>● Expiry Time</li><li>● SMS Signature</li><li>● Message Centre</li><li>● SMS Type</li></ul>	
3D Mail Settings	Play in 3D	<ul style="list-style-type: none"><li>● All</li><li>● Unread Only</li><li>● Off</li></ul>
	Colour Settings	<ul style="list-style-type: none"><li>● Random</li><li>● Colour Sample 1-6</li></ul>
Common Settings	<ul style="list-style-type: none"><li>● Reply Settings</li><li>● Display Font Size</li><li>● Page Scroll</li></ul>	

**Vodafone live!**

Obtain text information, pictures, melodies and other content from Vodafone information provider services.

**Searching the Internet**

You can search for information from the Vodafone live! home page.

**1 In standby mode, press**  

**2 Select *English***

The English version of the Vodafone live! home page appears.

**3 Select the item you want to check and press** 

The information appears.

To display more information, repeat Step 3.

**WAP Push Message**

A WAP Push message is a message delivered automatically from the service centre. Use the included links to access information.

**V-appli**

V-appli are Java™ compatible applications for use on Vodafone mobile phones. You can download a variety of applications.

**CAST**

This service enables you to register to your favorite sites to receive the latest content automatically.

- The only charges for using CAST are the monthly fees of registered sites. Content is delivered free of charge.
- CAST is only available in Japan.

**V-appli****Downloading V-appli**

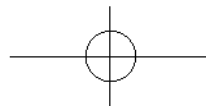
You can download applications from the Web pages of V-appli providers.

**Network V-appli**


You can play network games online and download information in real time.

**Standby Setting**

You can set an application to run in standby mode.





## Vodafone live! FeliCa

FeliCa is a service that can be used by mobile phones incorporating contactless IC card technology. To use your phone as, for example, electronic money for shopping, a membership card, or a point card, just place the  logo on the rear of the phone near the reader/writer. This even works if your phone is turned off or the battery level is low.

### Downloading an IC-appli

Connect to the Web and download the IC-appli you want to add to your phone.

- 1 In standby mode, press 
- 2 Select *Tool* → *IC-appli* → *IC-appli Library* → *Download IC-appli*
- 3 Connect to the Web, select an IC-appli and press  (Downld.)

Downloading of the IC-appli begins.

### Registering the Service

Perform the initial setup of the downloaded IC-appli.

- 1 In standby mode, press 
- 2 Select *Tool* → *IC-appli* → *IC-appli Library*

- 3 Select the IC-appli → select the initial setup and press

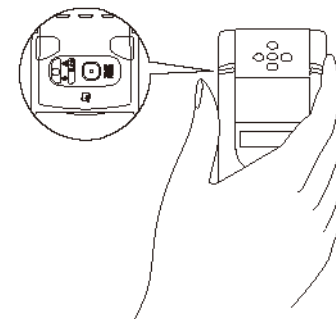


For the following procedure, follow the onscreen instructions.

### Using Vodafone live! FeliCa

Register the service, perform the initial setup and buy credits prior to using FeliCa. There is no need to start an IC-appli to complete a transaction.

- 1 Place the  logo(side of the camera) near the reader/writer



- 2 Make sure the IC Card was read.


Check the results of reading on the display of the reader/writer, etc.  
If reading is taking a long time, try moving your phone slightly.

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Abridged English Manual

## IC Card Lock



Set your phone to disable communication with a reader/writer (external device). While the lock is set,  appears on Standby Display.

- 1** In standby mode, press 
- 2** Select *Settings* → *IC Card Settings* → *IC Card Lock*
- 3** Enter your security code (page 00-00)
- 4** Select *On* or *Off*




## Remote Lock

Call your phone from another phone to remotely set the IC card lock and prohibit the use of Vodafone live! FeliCa.




### Setting the Remote Lock

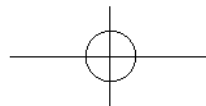
- 1** In standby mode, press 
- 2** Select → *Settings* → *IC Card Settings* → *Remote Lock*
- 3** Enter your security code (page 00-00)
- 4** Select *Call Remote Lock* and press 
- 5** Select *On* or *Off*

### Setting the Count

- 1** In standby mode, press 
- 2** Select → *Settings* → *IC Card Settings* → *Remote Lock*
- 3** Enter your security code (page 00-00)
- 4** Select *Count for Lock* and press 
- 5** Enter the number of calls to receive and press 

### Setting a Phone Number for the Lock

- 1** In standby mode, press 
- 2** Select *Settings* → *IC Card Settings* → *Remote Lock*
- 3** Enter your security code (page 00-00)
- 4** Select *Phone No. to Lock* and press 
- 5** Select a blank entry and press 



## Main Specifications

### 904T

**Frequency Range:** 3G (UMTS) 2100 1920-2170 MHz  
: GSM 900 880-960 MHz  
: DCS 1800 1710-1880 MHz  
: PCS 1900 1850-1990 MHz

**Continuous Talk Time:** Within 3G (UMTS) area Approx. ▲▲▲min.  
: Video call Approx. ▲▲▲min.  
: Within GSM area Approx. ▲▲▲min.

**Continuous Standby Time:** Within 3G (UMTS) area Approx. ▲▲▲hrs.  
: Within GSM area Approx. ▲▲▲hrs.

**Charging Time:** Approx. ▲▲▲ min.

**Dimensions (W×H×D):** Approx. ▲▲▲×▲▲▲×▲▲▲ mm (camera  
(when closed) portion approx. ▲▲ mm)

**Maximum Output:** 3G (UMTS) 2100 Class 3 ▲ W  
: GSM 900 Class 4 ▲ W  
: DCS 1800 Class 1 ▲ W  
: PCS 1900 Class 1 ▲ W

**Weight:** Approx. ▲▲▲ g (when the battery pack is attached)

- The values above were calculated with the battery pack attached.
- The continuous talk time refers to the average length of time a signal can be received normally when the phone is in a stationary state and a new fully charged battery pack is attached.
- The continuous standby time refers to the average length of time a signal can be received normally when the phone is closed, the phone is in a stationary state, a new fully charged battery pack is attached and there are no calls made/received or operations performed. If the phone is in a

location outside the service area or where it is difficult to receive a signal (in a building, vehicle, bag, etc.), this time may be reduced by up to half. This time may also be affected by other factors such as the operating environment (battery state, temperature, etc.). The value for continuous standby time is when the system mode was set to **3G**.

- The operating time of the battery was calculated when a stable signal was received constantly. However, this time is reduced by up to half if the phone is used in a location where the signal is weak or the phone is left in standby mode when it is outside the service area. Repeated charging and discharging a battery shortens the operating time. If the operating time becomes too short, purchase a new battery pack.
- If the mobile light is used frequently for taking pictures and recording videos or as a flashlight, the continuous talk time and continuous standby time become shorter.
- When a V-appli is activated, the continuous talk time and continuous standby time become significantly shorter.
- If the phone is used with the main display and external display illuminated frequently (for Vodafone live! use, etc.), the continuous talk time and continuous standby time become shorter.

### Rapid Charger

**Input Voltage:** 100 to 240 V AC  
: 50/60 Hz

**Charging Temperature Range:** 5 to 35°C

If you have any questions about a Vodafone mobile phone or service, please call General Information. For service or phone repairs, please call Customer Assistance.

#### Vodafone Customer Centres

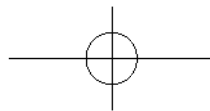
From a Vodafone mobile phone, dial toll free at 157 for General Information or 113 for Customer Assistance.

#### Vodafone International Call Centres

From outside Japan, dial  
+81-3-5351-3491 (fee applicable)

#### Call These Numbers Toll Free from Fixed Line Phones

Hokkaido, Aomori, Akita, Iwate, Yamagata, Miyagi, Fukushima, Niigata, Tokyo, Kanagawa, Chiba, Saitama, Ibaraki, Tochigi, Gunma, Yamanashi, Nagano, Toyama, Ishikawa, Fukui	General Information	☎ 0088-240-157
	Customer Assistance	☎ 0088-240-113
Aichi, Gifu, Mie, Shizuoka	General Information	☎ 0088-241-157
	Customer Assistance	☎ 0088-241-113
Osaka, Hyogo, Kyoto, Nara, Shiga, Wakayama	General Information	☎ 0088-242-157
	Customer Assistance	☎ 0088-242-113
Hiroshima, Okayama, Yamaguchi, Tottori, Shimane	General Information	☎ 0088-259-157
	Customer Assistance	☎ 0088-259-113
Tokushima, Kagawa, Ehime, Kochi	General Information	☎ 0088-247-157
	Customer Assistance	☎ 0088-247-113
Fukuoka, Saga, Nagasaki, Oita, Kumamoto, Miyazaki, Kagoshima, Okinawa	General Information	☎ 0088-250-157
	Customer Assistance	☎ 0088-250-113



# Vodafone 904T 取扱説明書

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＊ ご不明な点はお求めになられたボーダフォン携帯電話取扱店にご相談ください。

機種名：Vodafone 904T

製造元：株式会社 **東芝**



モバイル・リサイクル・ネットワーク  
携帯電話・PHSのリサイクルに協力中

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- ※ 回収した電話機・電池・充電器はリサイクルするためご返却できません。
- ※ プライバシー保護の為、電話機に記憶されているお客様の情報（アドレス帳・通信履歴・メール等）は事前に消去願います。