

^{NTT}
docomo

***A*scend** HW-03E

INSTRUCTION MANUAL '13.03

docomo **with** series

Introduction

Thank you for purchasing "HW-03E" mobile terminal.

Before using your terminal, or when necessary, read this manual to ensure safe use and handling.

Learning operations

Operations of HW-03E are described in the followings.

■ "Quick Start Guide" (included accessory) (in Japanese only)

This manual provides information about operations and screens of basic functions.

■ "取扱説明書 (Instruction manual)" (application in the terminal) (in Japanese only)

This manual provides detail information about functions, operations, screens, etc.

Tap "Ascendアプリ (Ascend application)" from the Application screen (P.58) → "取扱説明書 (Instruction manual)" to activate.

- For the first activation, follow onscreen instructions to download and install the application.

Because data of the application is large, a high packet communication fee will be applied for downloading. Subscription of packet flat-rate service is highly recommended.

■ "Instruction manual" (PDF file)

This manual provides detail information about functions, operations, screens, etc.

Download from the following NTT DOCOMO website.

<http://www.nttdocomo.co.jp/english/support/trouble/manual/download/index.html>

- * The latest information of "Quick Start Guide" (Japanese) is available. The URL and contents are subject to change without prior notice.

■ スマホなるほどツアーズ for docomo with series (Widget in the terminal) (Tips of smartphone for docomo with series) (In Japanese only)

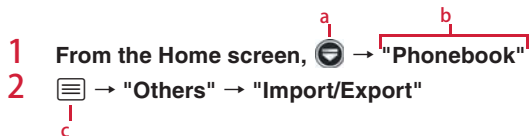
It is a widget with which you can learn useful functions and basic operations you should know in a joyful way with Docomodake.

From the Home screen (P.53), tap  .

Operation steps

In this manual, consecutive operation steps for menu operation etc. are simplified as follows.

<Example: Operation steps when operating an icon on the Home screen and then selecting an application, menu item, etc. consecutively>



a Icon without name

b Selection item with name such as icon or menu

c Key (P.18)

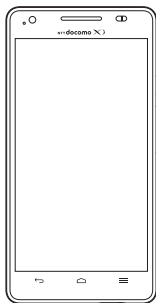
Information

- In this manual, "HW-03E" mobile terminal is usually referred to as "the terminal". Please be forewarned.
- Operation steps and screens are mainly described for the terminal in the default state. They may vary by adding/changing the applications, services, etc.
- The images or illustration used in this manual are examples. They may differ from the actual product or screen.
- In this manual, explanations and screens for docomo Palette UI as Home application are provided.
- For several ways of operating functions or settings, it is explained with the simple one.
- Registration methods or operations of application in this manual are subject to change by registration destination or update of application without prior notice.

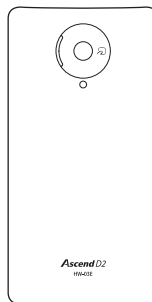
- The contents in this manual, URL and contents are subject to change without prior notice.

Basic package

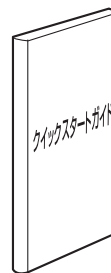
■ HW-03E terminal (including warranty)



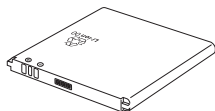
■ Back Cover HW06



■ Quick Start Guide (in Japanese only)



■ Battery Pack HW03



■ microSDHC card (4GB) (Sample)



Contents

■ Basic package	2
■ Before using the terminal	5
■ Precautions (Always follow these directions)	6
■ Handling precautions	13

Before using the terminal

Part names and functions	18
docomo mini UIM card	20
microSD card	21
Battery pack	22
Charging	24
Turning power ON/OFF	27
Basic operation	28
Initial settings	30
Screen/Icon	31
Character entry	36

docomo Palette UI

Home screen	53
Managing the Home screen	54
Application screen	58
Managing applications	63
Managing groups	64
Searching applications	65
Switching display of Application screen	65
Installing "Recommends" applications	65
Home application information	65

Calling

Making a call	66
Receiving a call	69
Operations during a call	69
Call history	70
Call settings	71
Phonebook	73

Mail/Browser

sp-mode mail	78
Message (SMS)	78
Email	80
Gmail	83
Google Talk	84
Early warning "Area Mail"	84
Web browser	85

Settings

Setting menu	91
WIRELESS & NETWORKS	91
DEVICE	98
PERSONAL	103
SYSTEM	110

File management

File Manager	113
Bluetooth communication	115
Connecting external device	117

Application

dmenu	120
dmarket	120
Play Store	121
Osaifu-Keitai	121
Mobacas	124
1Seg	127
Camera	133
Gallery	137
Media Player	141
YouTube	143
GPS/Navigation	144
Clock	148
Calendar	150
Memo	154
Calculator	154
SD card backup	155
Movie Studio	157
Polaris Office	159

International roaming

Outline of international roaming (WORLD WING)	160
Available service overseas	160
Checking for using	161
Making settings for overseas use	162
Making/Receiving a call in the country you stay	163
Making settings for international roaming	165
After returning to Japan	166

Appendix/Index

Options and related devices	167
Troubleshooting (FAQ)	168
Smartphone Anshin Remote Support	174
Warranty and After-Sales Service	174
Software update	176
Main specifications	180
Specific Absorption Rate (SAR) of Mobile Phones	182
Operating Environment	183
Certification Information (SAR)	183
FCC Statement	184
Disposal and Recycling Information	184
Reduction of Hazardous Substances	185
EU Regulatory Conformance	185
Software complying with GPL/LGPL	186
Export Controls and Regulations	186
Intellectual Property Right	187
SIM unlock	188
Index	189




Before using the terminal

- This terminal supports LTE, W-CDMA, GSM/GPRS, Wireless LAN System.
- Because your terminal uses wireless transmission, it may not function in locations where it is difficult for radio waves to penetrate, such as tunnels, underground passages and some buildings, in areas where radio waves are weak, or out of Xi and FOMA service area. Even when you are high up in a tall building or condominium and nothing blocks your view outside, your terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when there are strong radio waves with 4-antenna mark on the terminal and you are not moving (traveling).
- Because your terminal uses radio waves to communicate, it is possible that a third party may attempt to tap your calls. However, the LTE, W-CDMA, GSM/GPRS automatically applies a confidential communication function to all calls, so even if a third party could somehow tap a call, they only hear noise.
- Your terminal encodes voice communication as digital data. When you are operating your terminal while moving to a location subject to weaker radio wave conditions, the transmitted digital data may not be correctly decoded and as a result the decoded voice may differ somewhat from the actual voice.
- This terminal supports Xi Area, FOMA Plus-Area and FOMA HIGH-SPEED Area.
- Maintain a separate record of the data you saved (Phonebook etc.) in the terminal. Note that DOCOMO assumes no responsibility for any loss of saved contents of data resulting from malfunction, repair, changing of the model or other handling of the terminal.
- You are recommended to save important data to microSD card.
- In the terminal, as it is for a PC, some applications that you install may give instability of the operation of your terminal, or may send location information or personal information registered to the terminal to outside via the Internet and the information may be used improperly. Please thoroughly check a provider and operation status of the application etc. which you want to use beforehand and then use it.
- Depending on applications or services, packet communication charges may be applied even if you set data communication to be disabled.


- The terminal does not support i-mode sites (programs) or i-appli.
- The terminal automatically performs communication for some functions, for example, to synchronize data, check the latest software or maintain connection with the server. If you transmit a large amount of data such as downloading applications or watching video, a packet communication charge becomes high. Subscription of packet flat-rate service is highly recommended.
- Depending on applications or services, packet communication charges may be applied even while you use Wi-Fi connection.
- Note that, even when Silent mode is set, shutter sound or start/end shooting sound of the camera, playback sound of music/video or alarm sound are emitted.
- Update for improving the terminal's quality or upgrading the operation system (OS) may be performed. And some applications used in the previous version of OS may not be available or some unintended bugs may occur after upgrading.
- Set the screen lock to ensure the security of your terminal for its loss (P.107).
- Mobacas is a service linking communication. For use of service, packet communication charge is applied. You are recommended to subscribe to packet flat-rate service.
- For the information on the services provided by Google, refer to the terms of use for Google Inc. And for the details on other web services, read terms of use for each service.
- You can use the terminal only with docomo mini UIM card. If you have a UIM or FOMA card, bring it to a docomo Shop to replace.
- If your terminal is lost, change your each account password using a PC to prevent other persons from using Google services such as Google Talk, Gmail, Google Play, etc. and Twitter.
- The terminal supports only sp-mode, mopera U and Business mopera Internet. Other providers are not supported.
- To use tethering, a subscription to sp-mode is required.
- Packet communication charge when using tethering varies depending on the charging plan you use. Subscription of packet flat-rate service is highly recommended.
- For details on usage fee, refer to <http://www.nttdocomo.co.jp/english/>.






Precautions (Always follow these directions)

- Before using your terminal, or when necessary, read the precautions below to ensure safe use and handling. After reading this manual, keep it carefully.
- These precautions are intended to protect you and others around you. Read and follow them carefully to avoid injury, damage to the product or damage to property.
- The signs below differentiate between the levels of danger that can occur if the product is not used within the specified guidelines.

 DANGER	This sign denotes that death or serious injury may directly result from improper use.
 WARNING	This sign denotes that death or serious injury may result from improper use.
 CAUTION	This sign denotes that minor injury or damage to property may result from improper use.

- The symbols below show specific directions.

 Don't	This symbol denotes that the action is prohibited.
--	--

 No disassembly	This symbol denotes that disassembling the phone or its components is not allowed.
 No liquids	This symbol denotes that using the phone or its components in a bathroom or other highly humid area is not allowed.
 No wet hands	This symbol denotes that using the phone or its components with wet hands is not allowed.
 Do	This symbol denotes that an instruction must be obeyed at all times.
 Unplug	This symbol denotes that the equipment should be unplugged.

- Precautions contain the description below.

- Handling the terminal, battery pack, adapter and docomo mini UIM card (common) P.7
- Handling the terminal..... P.8
- Handling battery pack P.10
- Handling adapter..... P.11
- Handling docomo mini UIM card..... P.12
- Handling mobile phones near electronic medical equipment..... P.12
- Material list P.13

1. Handling the terminal, battery pack, adapter and docomo mini UIM card (common)



DANGER



Don't

Do not use, store or leave the terminal in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun).

May cause fire, burns or injuries.



Don't

Do not put the terminal into heating cooking device such as microwave oven or high-pressure container.

May cause fire, burns, injuries, electric shock.



No disassembly

Do not disassemble or remodel the equipment.

May cause fire, burns, injuries, electric shock.



No liquids

Do not let the terminal get wet with water, drinking water, urine of pet animals, etc.

May cause fire, burns, injuries, electric shock.



Do

Use the battery pack and adapter specified by NTT DOCOMO for your terminal.

May cause fire, burns, injuries, electric shock.



WARNING



Don't

Do not throw the equipment or give a strong force or hard shock to it.

May cause fire, burns, injuries, electric shock.



Don't

Keep conductive materials (metal pieces, pencil lead, etc.) from coming in contact with the charging jack or external connection jack. Do not put those materials inside the terminal.

May cause fire, burns, injuries, electric shock.



Don't

Do not cover or wrap the terminal with a blanket, etc while using or charging.

May cause fire or burns.



Do

Turn the terminal OFF and stop charging before entering a place such as a gas station where flammable gases are generated.

The gas may catch fire.

When using Osaifu-Keitai in a place as a gas station, turn OFF the terminal before using it (When Osaifu-Keitai lock is activated, deactivate it before turning OFF the terminal.)



Do

If the equipment gives off a strange smell, overheats, becomes discolored or deformed during use, charging or in storage, immediately perform the following operations.

- Remove the power plug from the wall outlet or cigarette lighter socket.
- Turn the terminal OFF.
- Remove the battery pack from the terminal.

May cause fire, burns, injuries, electric shock.

CAUTION



Don't

Do not leave the equipment on unstable or sloping surfaces.

The terminal may fall and cause injuries.



Don't

Do not store the equipment in extremely humid, dusty or hot areas.

May cause fire, burns, electric shock.



Do

Children using the equipment should be instructed in proper operation by an adult. Do not allow them to use the equipment without adult supervision.

May cause injuries.



Do

Store the equipment out of reach of small children.

May be accidentally swallowed or cause injuries.



Do

Be careful especially when using the terminal connected to the adapter continuously for a long time.

If you watch 1Seg etc. while charging the battery for a long time, the terminal, battery pack and adapter may be heated.

Directly touching a hot part for a long time, you may have redness, itching or rash on your skin, or it may result in low-temperature burns depending on your constitution and/or health condition.

2. Handling the terminal



WARNING



Don't

Do not turn on the light by getting the lighting part closer to other person's eyes. When shooting infants, keep at least 1 m away from the object.

May impair eyesight. And may cause accidents like injury etc., by dazzling or astounding other people.



Don't

Do not put foreign objects such as liquid like water, metal pieces or burnable things into mini UIM card slot or microSD card slot.

May cause fire, burns, injuries, electric shock.



Don't

Do not turn on the light aiming directly at the driver of the car etc.

May disturb driving and cause an accident.



Do

Turn the terminal OFF in areas where use is prohibited, such as in airplanes and hospitals.

May cause electronic equipment or electronic medical equipment to fail or malfunction. When using the phone in a medical facility, be sure to observe the regulations of the facility. If you do prohibited act such as using the phone in an airplane, you will be punished according to law. If usage of the terminal in an aircraft is admitted by setting airplane mode, etc., use the terminal under the direction of the airline.



Do

When you talk by setting handsfree or ring alert is sounding, keep the terminal away from your ear.

And, when connecting the earphone/microphone etc. to the terminal and play a game or music, adjust the volume to a moderate level.

Too loud volume may cause a hearing loss. And, if you cannot hear the sound around you clearly, it may cause an accident.



Do

If you have weak heart, be careful when setting the vibrate alert (vibration) or alert volume setting.

May cause harmful effect on heart.



Do

When you use electronic medical equipment, check with the equipment manufacturer to determine how the device is affected by radio waves before using.

May cause harmful effect on electronic medical equipment etc.



Do

Turn the terminal OFF near high-precision electronic control equipment or electronic equipment using low-power signals.

May cause the equipment to fail or malfunction.

* Examples of electronic equipment to avoid
Hearing aids, implanted pacemakers or defibrillators, other electronic medical equipment, fire alarms, automatic doors and other automatic control equipment. Users wearing implanted pacemakers or defibrillators or other electronic medical equipment should check with the manufacturer or sales outlet about the effect of radio frequencies on the equipment.



Do

When the display or lens of the camera is accidentally broken, be careful of broken glass or exposed internal parts of the terminal.

If you mistakenly touch broken or exposed parts, you may be injured.



CAUTION



Don't

Do not swing the terminal by the antenna, strap, etc.

May cause accident such as injury to yourself or others by hitting.



Don't

Do not use the damaged terminal.

May cause fire, burns, injuries, electric shock.



Don't

When using the motion sensor, check the safety around you, hold the terminal firmly, and do not shake it unnecessarily.

May cause accident such as injuries.



Don't

If the display part is accidentally broken and the liquid crystal leaks out, do not make the substance contact with your skin of face or hands.

May cause loss of sight or skin problems. If the liquid crystal gets into your eyes or mouth, rinse it with clean water and see a doctor immediately. And, if the liquid adheres to skin or clothing, use alcohol etc. to wipe it off, then wash with soap.



Do

To use the terminal in car, check with automobile manufacturer or dealer to determine how the device is affected by radio waves before using.

In rare cases, using the phone in some vehicle models can cause the vehicle's electronic equipment to malfunction. In that case, stop using the terminal immediately.



Do

The use of the terminal may cause itching, rashes, eczema, or other symptoms depending on the user's physical condition. If you develop skin problems, stop using the phone immediately, and see a doctor.

For materials of parts →P.13 "Material list"



When watching the display, take a certain distance from the display in a fully bright place.

Do May reduce visual acuity.

3. Handling battery pack

- Check that the battery type matches the type displayed on the battery pack label.

Display	Battery type
Li-ion 00	Li-ion polymer battery



DANGER



Don't

Do not connect a wire or other metal objects to the jack. And, do not carry or store the terminal with objects like a metal necklace.

May cause battery pack to ignite, burst, heat or leak.



Don't

Check the orientation of the battery pack to attach to the terminal, and do not try to force the battery pack onto the terminal if you are having trouble attaching it.

May cause battery pack to ignite, burst, heat or leak.



Don't

Do not throw the battery pack into the fire.

May cause battery pack to ignite, burst, heat or leak.



Don't

Do not nail the battery pack, hit with a hammer or step on it.

May cause battery pack to ignite, burst, heat or leak.



Do

If the battery pack's fluid etc. contacts eyes, immediately flush the eyes with clean water and see a doctor right away. Do not rub the eyes.

May cause loss of sight.



WARNING



Don't

If the battery pack seems to have abnormalities such as deformation or scratches due to falling, never use it.

May cause battery pack to ignite, burst, heat or leak.



Do

If the battery pack leaks or gives off a strange smell, immediately remove it from the vicinity of open flames.

The vapors from leaking battery pack fluid may ignite or explode.



Do

Be careful not to let your pet bite the battery pack.

May cause battery pack to ignite, burst, heat or leak.



CAUTION



Don't

Do not discard old battery packs together with other garbage.

May cause igniting or environmental destruction. Tape the terminals of old battery packs to insulate them, and then bring them into a sales outlet such as docomo Shop. If your local municipality has a battery recycling program, dispose of them as provided for.



Don't

Do not use or charge a wet battery pack.

May cause battery pack to ignite, burst, heat or leak.



If fluid etc. leaks out from the battery pack, do not make the fluid contact with your skin of face or hands.

Do

May cause loss of sight or skin problems.

If the fluid etc. put into your eyes or mouth, or contacts skin or clothes, immediately flush the contacted area with clean water.

If the fluid etc. put into the eyes or mouth, immediately see a doctor after flushing.

4. Handling adapter



WARNING



Do not use the adapter cord if it gets damaged.

Don't

May cause fire, burns, electric shock.



Do not use the AC adapter or desktop holder in a bathroom or other highly humid area.

Don't

May cause fire, burns, electric shock.



Always use the DC adapter with a negative-ground vehicle. Do not plug it into a positive-ground vehicle.

Don't

May cause fire, burns, electric shock.



When it starts to thunder, do not touch adapter.

Don't

May cause electric shock.



Do not short the charging jack while it is connected to the outlet or cigarette lighter socket. Do not touch the charging jack with a part of your body such as your hand or finger.

Don't

May cause fire, burns, electric shock.



Do not place heavy objects on the adapter cord.

Don't

May cause fire, burns, electric shock.



Don't

When you insert and remove the AC adapter from power outlet, do not contact a metal strap or other metal objects with the jack.

May cause fire, burns, electric shock.



No wet hands

Do not touch the adapter cord or outlet with wet hands.

May cause fire, burns, electric shock.



Do

Only use with the specified power source and voltage. When charging the terminal overseas, use AC Adapter for global use.

If incorrect voltage is used, this may cause fire, burns or electric shock.

AC adapter : 100 V AC

DC adapter : 12 or 24 V DC (specific for negative ground vehicle)

AC adapter for global use : Between 100 V and 240 V AC (Connect to the AC outlet for internal household use)



Do

If the DC adapter's fuse blows, replace it only with the specified fuse.

May cause fire, burns, electric shock. For the specified fuse, see the instructions that come with the DC adapter.



Do

Wipe off any dust that accumulates on the power plug.

May cause fire, burns, electric shock.



Do

When you connect the AC adapter to an outlet, firmly connect to the outlet.

May cause fire, burns, electric shock.



Do

When you disconnect the power plug from the outlet or cigarette lighter socket, do not pull the adapter cord with excessive force. Instead, hold the adapter to disconnect.
May cause fire, burns, electric shock.



Unplug

Always remove the power plug from the outlet or cigarette lighter when not using the adapter for an extended period.
May cause fire, burns, electric shock.



Unplug

Immediately remove the power plug from the outlet or cigarette lighter socket if water or other fluids get into the adapter.
May cause fire, burns, electric shock.



Unplug

Always remove the power plug from the cigarette lighter socket when cleaning the equipment.
May cause fire, burns, electric shock.

5. Handling docomo mini UIM card



CAUTION



Do

Be careful of the cut surface when removing docomo mini UIM card.
May cause injuries.

6. Handling mobile phones near electronic medical equipment

- These precautions are based on the guidelines produced at the Electromagnetic Compatibility Conference Japan, regarding the protection of electronic medical equipment from radio waves emitted by mobile phone units.



WARNING



Do

Obey the following rules inside medical facilities.

- Do not bring the terminal into operating rooms (ORs), intensive care units (ICUs) or coronary care units (CCUs).
- Turn the terminal OFF in hospital wards.
- Turn the terminal OFF in hospital lobbies and corridors if electronic medical equipment could be nearby.
- If the medical facility has specified zones where use or possession of mobile devices is prohibited, obey those instructions.



Do

Turn the terminal OFF in crowded trains or other public places where pacemaker or defibrillator wearers could be nearby.

The terminal's signals may affect the operation of implanted pacemakers or defibrillators, and other devices.



Do

Wearers of medical equipment such as implanted pacemakers or defibrillators must carry and use the terminal at least 22 cm away from the implanted device.

The terminal's signals may affect the performance of electronic medical equipment.



Do

When electronic medical equipment other than implanted pacemakers or defibrillators are in use outside of medical facilities (such as in home care settings), check with the device manufacturer to determine how the device is affected by electrical signals.

The terminal's signals may affect the performance of electronic medical equipment.

7. Material list

Part		Material	Surface treatment
Exterior case (front)		PC resin	None
Power key		PC resin	None
Earpiece protection net		Stainless steel	Etching
Surface		Glass	None
Volume key		PC resin	None
Camera	Exterior panel	Aluminum	None
	Lens	Glass	None
Flash cover		PMMA resin	None
Speaker net		Stainless steel	Etching
1Seg/ Mobacas antenna	Top section	PC resin	None
	Rod section	Stainless steel	None
Back cover		PC resin	None
Charging contacts for desktop holder		Copper	Gold plating
Battery pack	Surface (Top/ Bottom)	ABS resin + PC resin	None
	Printed section (peripheral)	PET	UV coating
	Contacts	FR-4 (glass epoxy substrate)	Nickel plating + gold plating
docomo mini UIM card slot contacts		Stainless steel	Nickel plating + gold plating
microSD card slot		Stainless steel	Nickel plating + gold plating

Handling precautions

General

■ Do not get the terminal wet.

The terminal, battery pack, adapter, docomo mini UIM card are not waterproof. Do not use in a bathroom or other highly humid area or do not let rain touch. Or putting the terminal on your body, humidity of sweat may cause internal corrosion and malfunction. Note that malfunctions, which are determined to be caused by water as result of inspections, are not covered by the warranty.

Since these conditions are outside the scope of the warranty, a repair, if at all possible, is charged.

■ Clean the terminal with a dry soft cloth (such as a cloth for eyeglasses).

- Rubbing it roughly with a dry cloth may scratch the display.
- Drops of water or dirt left on the display may cause stains.
- If the terminal is wiped with alcohol, paint thinner, benzine or detergent, the printing may disappear or color may fade.

■ Clean the jack occasionally with a dry cotton swab etc.

If the jack is soiled, connection gets worse and it may cause power to be turned off or insufficient battery charge, so clean the jack with a dry cotton swab etc. Also, be careful never to damage the jack when cleaning it.

■ Do not place the terminal near an air-conditioner outlet.

The rapid change in temperature may cause condensation, causing internal corrosion and malfunction.

■ When using, be careful not to subject excessive force to the terminal or the battery.

If the terminal is crammed into a brimming bag or placed in a pocket and sat on, display, internal PCBs or battery pack may be damaged or malfunction. And, if external devices are plugged into the external connection jack, the breakage of the connector or malfunction may result.

■ Do not rub or scrape the display with a metal piece etc.

May scratch the display, causing malfunction or damage.

- Carefully read the separate instructions that come with optional devices.

The terminal

- Do not press the surface of the touch panel strongly or operate it with sharp objects such as a nail, a ballpoint pen and a pin.
It may damage the touch panel.
- Avoid extreme temperature.
Use the terminal where the temperature ranges between 5 and 35°C and humidity ranges between 35 and 85%.
- The terminal may affect land-line phones, TVs or radios in use nearby, so use it as far as possible from these appliances.
- Maintain a separate record of the data you saved in the terminal.
If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- Do not drop the terminal or subject it to shocks.
May cause malfunction or damage.
- Do not plug external devices into the external connection jack at a slant, or do not pull it forcibly while it is plugged.
May cause malfunction or damage.
- It is normal for the terminal to become warm during use or charging.
Continue to use it.
- Do not leave the terminal with the camera in areas under strong direct sunlight.
May cause discoloring or burn-in of elements.
- Do not use the terminal with the back cover removed.
May cause removal of battery pack, malfunction or damage.
- While microSD card is being used, do not take the card out and do not turn off the terminal.
May cause data loss or malfunction.
- Do not bring magnetic cards etc. close to the terminal.
Magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.

- Do not bring magnetized objects close to the terminal.
Bringing strong magnetism close may cause a malfunction.
- The battery pack is a consumable part.
Replace the battery pack if the terminal has extremely short operation time on a full charge, though it may vary by operating conditions. Purchase a new battery pack of the specified type.

Battery pack

- Charge the battery in an area within the proper ambient temperature range (5-35°C).
- The operation time provided by the battery pack varies by the operating environment and battery pack's deterioration.
- The battery pack may swell out as it comes to near the end of its lifetime depending on the usage conditions, but it is not a problem.
- Be careful especially about the following points when preserving the battery pack.
 - Keeping under the state of the full charge (right after charging ends)
 - Keeping under the state of the empty charge (too exhausted to turn on the terminal)They may cause the battery pack performance to be degraded or its lifetime to be shortened.
A recommended battery level to keep the battery pack is approximately 40% of remaining battery level as a guide.

Adapter

- Charge the battery in an area within the proper ambient temperature range (5-35°C).
- Do not charge the battery in the areas below.
 - In areas of excessive humidity, dust or vibrations
 - Near land-line phones or TVs/radios
- It is normal for the adapter to become hot while charging. Continue to use it.

- When using the DC adapter for charging, keep the vehicle engine running.

The vehicle's battery could become flat.

- When using an outlet with a mechanism preventing unplugging, follow the handling instructions for that outlet.
- Do not give strong shock. Do not deform the external connection jack. May cause malfunction.

docomo mini UIM card

- Do not use excessive force to install/remove docomo mini UIM card.
- Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using docomo mini UIM card with another IC card reader/writer.
- Always keep UIM ICs clean.
- Clean docomo mini UIM card with a soft, dry cloth (such as a cloth for eyeglasses).
- Maintain a separate record of the data you saved in docomo mini UIM card.
If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- To preserve the environment, bring the old docomo mini UIM card to a sales outlet such as docomo Shop.
- Take care not to scratch, touch accidentally or short IC.
May cause data loss or malfunction.
- Do not drop docomo mini UIM card or subject it to shocks.
May cause malfunction.
- Do not bend docomo mini UIM card or place heavy objects on it.
May cause malfunction.
- Do not install docomo mini UIM card into the terminal with a label or sticker put on.
May cause malfunction.

Bluetooth® devices

- This terminal is equipped with the security features, that are compliant with Bluetooth standards for communication via Bluetooth. However, depending on the settings, there may not be enough security. Be aware of security risks when using Bluetooth.
- DOCOMO assumes no responsibility for any information which may be leaked during communication via Bluetooth.
- Frequency bands
Frequency bands, modulation, and expected interference distance or changeability of frequency used by the terminal Bluetooth/Wireless LAN function are as below. Symbols indicate as follows.



2.4 : Radio equipment that uses the frequency 2400 MHz band.

FH1 : The Bluetooth modulation is FH-SS and expected interference distance is 10 m or shorter.

DS4/OF4 : The Wireless LAN modulation is DS-SS, OFDM and expected interference distance is 40 m or shorter.

■ ■ ■ : All bandwidths between 2400 MHz and 2483.5 MHz are used, and the bandwidth used by mobile object identification devices can be avoided.

- Available channel varies by countries.
- To use in airplane, confirm with airline company in advance.

- Cautions on using Bluetooth devices

In the bandwidth used by this terminal, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations used to identify mobile objects used in production lines of a factory that require a license, specified low power radio stations, or amateur radio stations that do not require a license

(hereafter "other radio stations") can be in operation.

1. Before using this terminal, check whether other radio stations are in operation in your neighborhood.
2. If radio wave interference occurs between the terminal and "other radio stations", use the terminal in a different location or "Turn the power OFF" to avoid the radio wave interference.
3. For details, contact "General Inquiries" on the last page of this manual.

Wireless LAN (WLAN)

- Wireless LAN (WLAN) exchanges information using radio waves, and allows you to freely establish LAN connection if you are within an area where radio wave reaches. On the other side, if you communicate without appropriate security settings, communications may be intercepted or hacked by malicious parties. It is recommended to make necessary security settings on your judgement and responsibility.

- Wireless LAN

Do not use Wireless LAN in a place where magnetized by electric products, AV, OA equipment, etc. or where electromagnetic wave is generated.

- If magnetism or electrostatic noise affects the terminal, noise may be increased or communication may not be available (especially when using microwave oven, it may affect the terminal).
- Using near TV or radio may cause poor reception or TV screen may be blurred.
- When multiple wireless LAN access points exist near the terminal and they use the same channel, search may not be performed correctly.
- To use WLAN overseas, places for using may be limited in some countries. In such case, check the conditions such as available frequency, regulations, etc. for the country to use it.

- Cautions on using 2.4 GHz devices

In the frequency band for WLAN devices, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations for identification of mobile objects used in production lines of a factory (a license is required), specified low power radio stations (a license is not required), or amateur radio stations (a license is required) can be in operation.

1. Before using this device, confirm that in-plant radio stations for identification of mobile objects, specified low power radio stations or amateur radio stations are not in operation in your neighborhood.
2. If this device generates harmful radio wave interference against in-plant radio stations for identification of mobile objects, change the using frequency promptly or stop using wireless LAN function, and contact "General Inquiries" on the last page of this manual, then consult about treatment for prevention of the interference (for example, installation of partitions etc.).
3. If this device generates harmful radio wave interference against in-plant radio stations for identification of mobile objects or amateur radio stations, or if any trouble, contact "General Inquiries" on the last page of this manual.

FeliCa reader/writer

- FeliCa reader/writer function of the terminal uses weak waves requiring no licenses for radio stations.
- It uses 13.56 MHz frequency band. When using other reader/writers in your surroundings, keep the terminal away sufficiently from them. Before using the FeliCa reader/writer, confirm that there are no radio stations using the same frequency band nearby.

CAUTION

- **Do not use a remodeled terminal. Using a remodeled terminal violates the Radio Law.**

The terminal is certified according to technical standard conformance of specified wireless equipment based on the Radio Law, and as a proof of it, the "Technical Compliance Mark (TCM)" is depicted on the engraved sticker of the terminal.

If you remodel the terminal by removing its screws, your certification of technical standard conformance becomes invalid.

Do not use the terminal with its certification of technical standard conformance invalid as it violates the Radio Law.

- **Be careful when you use the terminal while driving a car etc.**

Using a mobile phone while driving is subject to penal regulations.

However, absolutely necessary cases such as rescue of a sick person or maintaining public's safety are exempted.

- **Use FeliCa reader/writer function only in Japan.**

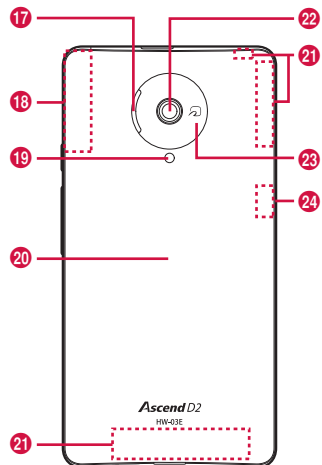
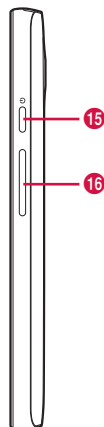
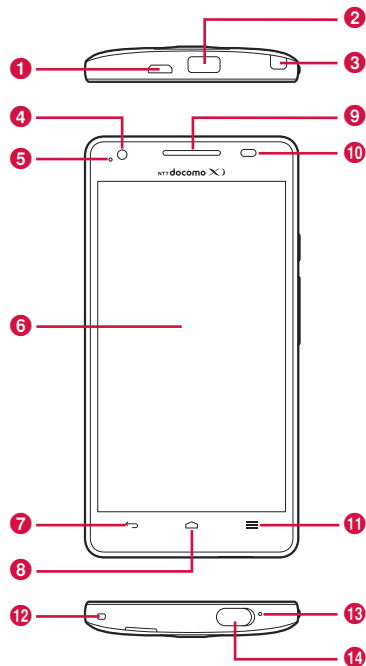
FeliCa reader/writer function of the terminal conforms to Japanese radio standards. If you use this function overseas, you may be punished.




- **Do not alter the basic software.**



Repairs may be refused as a modification of software.

Before using the terminal

Part names and functions



- 1 **External connection jack**
 - Use for charging or connecting to a PC etc.
- 2 **Infrared port**
 - Use for infrared communication
- 3 **1Seg/Mobacas antenna**
- 4 **In-camera**
 - Shoot still images or videos.
- 5 **LED light**
 - Turn on when charging or flash when the battery level is low.
 - Flash to notify a missed call or incoming mail.
- 6 **Display (Touch panel)**
 - Touch directly with the finger to operate.
- 7  **Back key (Touch key)**
 - Back to the previous screen.
- 8  **Home key (Touch key)**
 - Return to the Home screen.
 - Touch and hold to display a list of recently used applications.
- 9 **Earpiece**
 - Hear the party's voice from here.
- 10 **Light sensor/Proximity sensor^{*1}**
 - Sense the ambient brightness to adjust brightness of the display.
 - Sense a face closing during a call and prevent the erroneous operation of the touch panel.
- 11  **Menu key (Touch key)**
 - Display menu on each screen.
- 12 **Strap hole**
 - To attach a strap, remove the back cover, pick up rubber stuffing, pass a strap through the hole of the terminal, hang the strap with the hook inside of the terminal and then attach the back cover (attach the rubber stuffing if required).
- 13 **Microphone**
 - Send your voice to the party whom you are talking with or record the voice.

- 14 **Headjet jack**
 - Use for earphones.
- 15  **Power key**
 - Turn the power ON/OFF, set sleep mode manually.
- 16 **Volume up/down key (↑ / ↓)**
 - Adjust incoming ringtone, voice sound, playback sound of music, etc.
- 17 **Speaker**
 - Emit incoming ringtone or playback sound of music.
- 18 **GPS antenna^{*2}**
- 19 **Flash**
 - Light for camera shooting.
- 20 **Back cover**
 - Do not press button cover of the power key forcibly when the back cover is removed from the terminal. Key cover may be removed.
 - Do not remove the sticker on the back side of the back cover. If it is removed, IC card may not be able to be read/written.
- 21 **FOMA/Xi antenna^{*2}**
- 22 **Out-camera**
 - Shoot still images or videos.
- 23  **mark**
 - IC card is installed. Use Osaifu-Keitai function holding this mark over the reader, or send/receive data via iC communication by downloading a compatible application. IC card cannot be removed.
- 24 **Bluetooth/Wi-Fi antenna^{*2}**

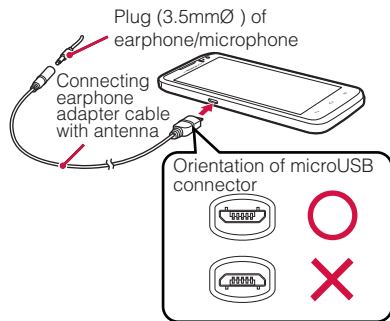
*1: Putting a protective sheet or seal on each sensor may cause erroneous operation.

*2: The antenna is built-in the terminal. Covering around the antenna by the hand may affect the quality of call or communication.

■ Connecting earphone/microphone

To connect round plug (3.5 mm \varnothing) of earphone/microphones etc. to the external connection jack of the terminal, use the supplied Connecting earphone adapter cable with antenna (Sample).

- Make sure the orientation of microUSB connector (front/back) and insert horizontally.



docomo mini UIM card

The docomo mini UIM card is an IC card in which user information such as your phone number etc. is saved. When docomo mini UIM card is not inserted to the terminal, some functions (send/receive call etc.) are not available.

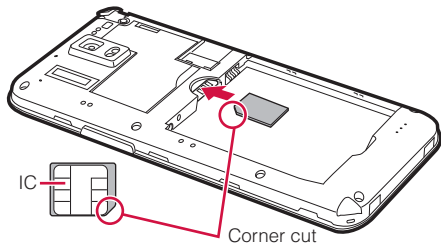
- You can use the terminal only with docomo mini UIM card. If you have a UIM or FOMA card, bring it to a docomo Shop to replace.
- For details on docomo mini UIM card, refer to the docomo mini UIM card manual.

Installing/Removing docomo mini UIM card

- Turn the terminal OFF, remove the back cover and the battery pack before installing/removing docomo mini UIM card (P.23).

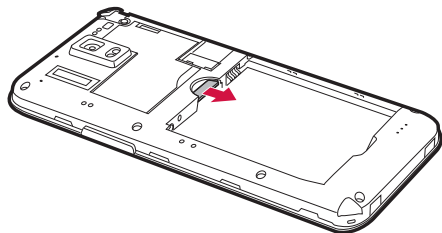
Installing

- 1 Insert docomo mini UIM card into the card slot with the IC side facing down in the direction of arrow until it is stopped**
 - Check the orientation of docomo mini UIM card corner cut.



Removing

- 1 Lightly press docomo mini UIM card with fingertip and slide in the arrow direction slowly to remove



Information

- When handling docomo mini UIM card, take care not to touch or scratch the IC.
- Note that, installing/removing docomo mini UIM card forcibly may damage the docomo mini UIM card.
- Be careful not to lose docomo mini UIM card after removed.

microSD card

Using microSD card allows you to save data in the terminal or import data in the microSD card to the terminal.

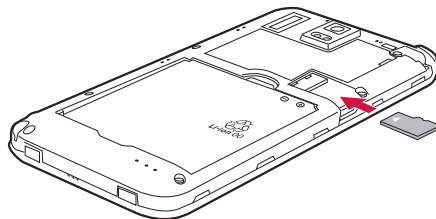
- The terminal supports microSD card of up to 2 GB, and microSDHC card of up to 32 GB (as of October, 2012).
- For compatible information on each microSD card, contact a manufacturer of the microSD card.

Installing/Removing microSD card

- Remove the back cover before installing/removing microSD card (P.22).

Installing

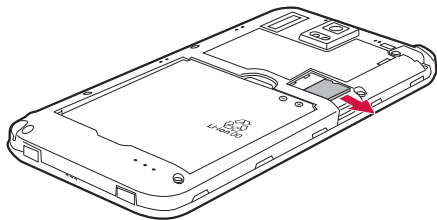
- 1 Insert microSD card into the card slot with the metal side facing down in the direction of arrow until it is stopped



Removing

- Be sure to unmount microSD card before removing microSD card (P.101).

- 1** Lightly press microSD card with fingertip and slide in the arrow direction slowly to remove



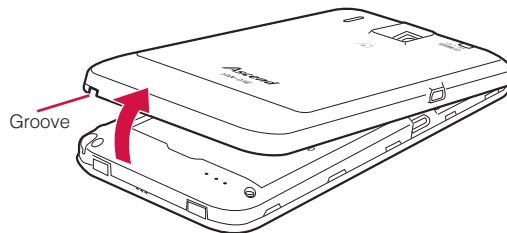
Battery pack

Attaching/Removing the battery pack

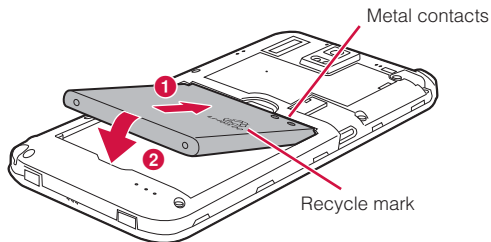
- Attach/Remove the battery pack holding the terminal with hands after turning off the power.

Installing

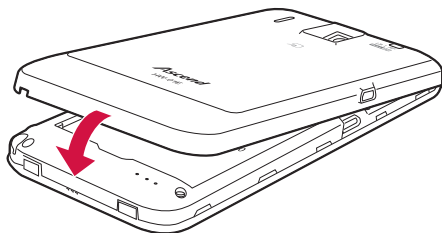
- 1** Put your fingertip into the groove of the back cover, then lift it up in the direction of the arrow to remove



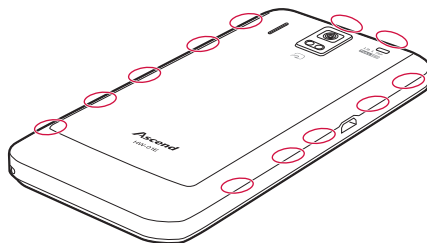
- 2** With a recycle mark printed side up, align the contacts of battery pack with the ones of the terminal, and then pushing in the direction of **1**, push it in the direction of **2** to attach



- 3** Align the top of the back cover with the one of the terminal, and then push in the direction of arrow to attach

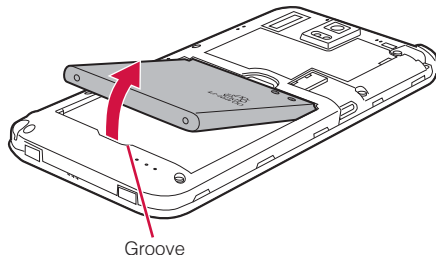


- 4** Push  parts to check that no gaps exist between the terminal and the back cover



Removing

- 1** Remove the back cover, hook your fingertip etc. in the groove of the terminal, and then lift the battery pack up in the direction of the arrow



Charging

Precautions on charging

Charge the battery before using for the first time or after an extended period of disuse.

- For estimate of charging time, stand-by time, calling time, see "Main specifications" (P.180).
- If you use the terminal while charging, it may take time to complete charging or charging may not complete.
- If charging starts with battery level is low, it may take time to turn on LED light.

Charging

- It is recommended to use AC adapter 03 (optional).
- Compatible power voltage for AC adapter 03 (optional) is between 100V AC and 240V AC. When using the terminal overseas, use the adapter plug that is suitable for use in your travel destination. Do not charge the battery with a transformer for overseas travel.

Battery pack life

- The battery pack is a consumable part. Each time it is charged, available time with each charging reduces. Talking on the phone for a long time while charging may reduce the battery pack lifetime.
- If available time with each charging becomes about a half of that for a new battery, replacing the battery is recommended because it means near the end of life. The battery pack may swell out as it comes to near the end of its lifetime depending on the usage conditions, but it is not a problem.



Li-ion 00

Estimated usage time of battery pack

Continuous stand-by time	LTE	Stationary (Auto)* : Approx. ●●●H
	FOMA/3G	Stationary (Auto)* : Approx. ●●●H
	GSM	Stationary (Auto)* : Approx. ●●●H
Continuous call time	FOMA/3G	Approx. ●●●min.
	GSM	Approx. ●●●min.

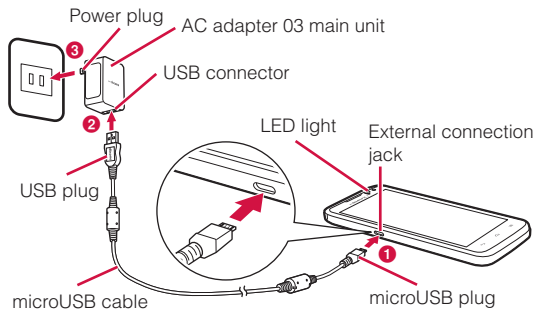
*: When "Mobile networks" (P.162) is set to "LTE/3G/GSM (Auto)"

Estimated charge time of battery pack



AC adapter 03	Approx. ●●● min.
DC adapter 03	Approx. ●●● min.

Charging with AC adapter

<Example : Charging with AC adapter 03 (optional)>



- 1 Insert microUSB plug of microUSB cable into the external connection jack of the terminal with USB mark side down horizontally (1)**
- 2 Insert a USB plug of a microUSB cable into the USB connector of AC adapter jack horizontally as shown (2)**
- 3 Insert the AC adapter's power plug into an outlet (3)**

Charging starts.  appears on the status bar. When charging is complete,  appears on the status bar.

- LED light turns on while charging. Light color indicates charging state estimation. Red indicates 14% or less, yellow indicates 15 – 90%, green indicates 90% or more remaining battery level.

- 4 When charging is complete, pull out the power plug of the AC adapter main unit from the outlet**
- 5 Pull out microUSB plug of the microUSB cable from the external connection jack of the terminal horizontally**
- 6 Pull out USB plug of the microUSB cable from AC adapter main unit horizontally**

DC adapter (optional)

DC adapter is an adapter for connecting vehicle cigarette lighter socket (12V/24V) and the terminal for charging. For details, refer to the manual of DC adapter.

Information

- If the DC adapter's fuse blows, replace it only with the specified fuse. Fuse is a consumable part. Purchase it at an auto-supply shop etc. near you.

Charging with a PC

You can charge connecting the terminal and a PC with Micro USB Cable 01 (optional).

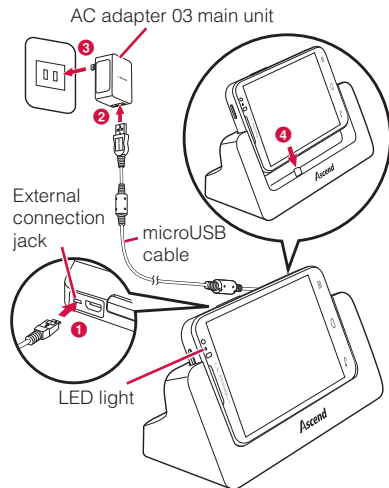
- For procedure of connecting to a PC, see P.117.

Information

- Charging is not available when a PC is power off except for some devices.

Charging with Desktop Holder

<Charging with Desktop Holder HW02 (optional) and AC adapter 03 (optional)>




- 1 Insert microUSB plug of microUSB cable into the external connection jack of the Desktop Holder with USB mark side up horizontally (1)**
 - Insert slowly and horizontally so as not to give excessive force to the plug of microUSB cable.
- 2 Insert a USB plug of a microUSB cable into the USB connector of AC adapter jack horizontally (2), then insert the power plug of AC adapter into power outlet (3)**
- 3 Align the external connection jack of the terminal and charging jack of the Desktop Holder to attach (4)**

LED light turns on while charging. It turns off when charging is complete.

 - Firmly install the terminal to the desktop holder. If the external connection jack is not connected to the charging jack of the desktop holder properly, charging may be failed or charge connecting with a PC (USB) may be indicated.
- 4 When charging is complete, hold the desktop holder with your hand and then lift the terminal up to remove**
- 5 Remove the AC adapter main unit from the outlet**
- 6 Pull out microUSB plug of the microUSB cable from the external connection jack of the Desktop Holder horizontally**
- 7 Pull out USB plug of the micro USB cable from the AC adapter main unit horizontally**


Turning power ON/OFF

Turning power ON

- 1 Press and hold  for 2 sec. or more**
 - When the power is ON for the first time, make initial settings (P.30).
- 2 Cancel the screen lock**

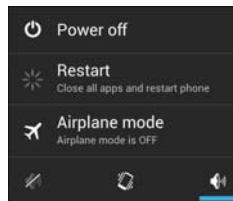
For canceling the screen lock, see "Canceling the screen lock" (P.28).

Information

- It may take 1 minute or more to display the Home screen after the power is ON.
- When the terminal does not respond even if  is pressed, charging may not be enough. Fully charge and retry operating.
- When the screen lock is set to "Touch", the notification panel can be displayed on the lock screen.

Turning power OFF


- 1 Press and hold  for 1 sec. or more**



Mobile phone options screen

- 2 "Power off" → "OK"**
 - You can restart the terminal, set Airplane mode (P.94) or Silent mode (P.99) from the mobile phone options screen.

Canceling sleep mode

When no operation is performed for certain period of time, the display is automatically turned off and the terminal turns into sleep mode. To cancel sleep mode, press .

Canceling the screen lock

By setting the screen lock (P.107), you can lock the terminal no to operate it until the specified operation is performed after the power is ON or the sleep mode is canceled. Also, you can lock the terminal manually to prevent from erroneous operations.

<Example : When the screen lock is set to "Touch">

1 On the lock screen, tap

- When the screen lock is set to "Touch", tap an icon on the lock screen to activate the camera directly. And when there is notification of missed call or sp-mode mail, number (number of notifications) appears on the icon.

■ To lock manually

① Press 

Basic operation

Using the touch panel

The display of the terminal is a touch panel for touching directly with finger to operate. Various operations are available by touching patterns.

Before using the touch panel

The touch panel of the terminal senses movements of finger using static electricity to operate.

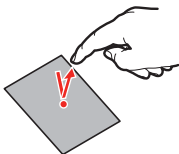
- The touch panel is designed for being touched lightly with fingers. Do not push it forcibly with a finger or press it with sharp objects (nail, ballpoint pen, pin, etc.).
- Touching the touch panel may not work in the following cases. Note that it may cause malfunction.
 - Operation with gloved hands
 - Operation with tip of fingernail
 - Operation with a foreign object on the display
 - Operation with protective sheet, seal, etc. on the display

■ Information

- When you tap other than a confirmation screen or status bar while a pop-up such as confirmation screen appears, an operation may be stopped.
-

Tap/Double-tap

Touch the screen lightly and release the finger. Double-tap is an operation of tapping twice on the same position.



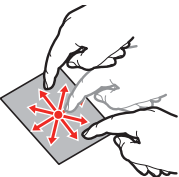
Swipe

Sweep quickly on the display with finger.



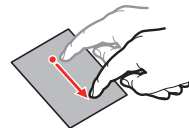
Slide

Touch the screen lightly with your finger and drag to the desired position.



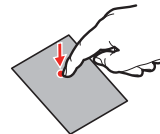
Drag

Touch an icon etc. lightly and drag to the desired position.



Touch and hold

Keep touching an icon or a key until target operation is done such as displaying menu.




Pinch

Touch the screen with two fingers and widen (pinch-out) or narrow (pinch-in) the fingers distance. Use to zoom in/out image etc.



Setting auto-switch of display orientation

Set to switch the display orientation automatically to portrait/landscape view by sensing the orientation or tilt of the terminal.




- 1 From the Home screen,  → "Settings" → "Display"
- 2 Mark "Auto-rotate screen"

Information

- For Home screen or some function's screens, orientation may not be switched automatically.
-

Saving a screen display as an image

You can save content of screen display as an image (screenshot). Saved screen shot can be viewed in Gallery (P.137).

- 1 On the screen you want to save as screenshot, press  and  at the same time for 1 second or more
 - Screenshot is saved and  appears on the status bar.
Open the notification panel and tap the notification to view saved image.

Information

- Screenshot may not be saved depending on the function or application.
-

Initial settings

docomo services initial settings

When you turn on the terminal for the first time or after performing "Factory data reset" (P.109), docomo services initial settings screen appears.


1 "進む (Go)"

Follow the onscreen instructions to make settings.

- アプリ一括インストール (Install apps all at once)
- おサイフケータイの利用 (OsaiFu-Keitai usage)
- ドコモアプリパスワードの設定 (docomo apps password setting)
- 位置提供設定 (Location request setting)
- プリインストールアプリ利用状況送信 (Send preinstalled app usage status)

2 "OK"

Information

- To switch the display language to English, from the Home screen,  → "本体設定 (Settings)" → "言語と文字入力 (Language & input)" → "言語 (Language)" → Select "English".
-

Setting Google account

Setting up a Google account allows you to use online services provided by Google such as Gmail and Google Play.

1 From the Home screen, → "Settings"

2 "Accounts & sync" → "ADD ACCOUNT" → "Google"

For subsequent operations, follow onscreen instructions.

Setting Wi-Fi

- 1 From the Home screen, [Menu] → "Settings" → "Wi-Fi"**
- 2 "OFF"**

"ON" appears and Wi-Fi turns ON.
Available access points are automatically detected and listed.
- 3 Tap an access point to connect to**
 - When you connect a secured access point, enter password and then tap "Connect".

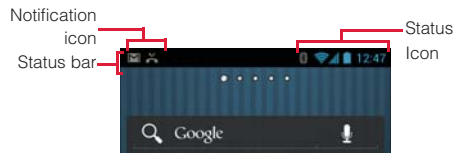
Information

- Packet communication can be used while Wi-Fi is ON. However, Wi-Fi network is given priority while Wi-Fi is connected.
- If Wi-Fi network is disconnected, connection automatically switches to LTE/3G/GPRS network. Note that packet communication fee applies for using LTE/3G/GPRS network.
- For Wi-Fi function details, see "Using Wi-Fi function" (P.92).












Screen/Icon













Status bar













On the status bar shown at the top of the display, notification icons for missed call, mail reception, or result of sending/receiving data, and status icons indicating the terminal state appear.





Main notification icons









Icon	Status
	New Gmail
	New Email
	New SMS
	New sp-mode mail
	Sending SMS is failed.
	New instant message (Google Talk)
	Message in Voice mail service (with number of items)
	Notification of event (Calendar)
	Playing music with Media Player
	Error (synchronizing malfunction etc.)
	Available memory space of the terminal is low













Icon	Status
	Wi-Fi is ON and Wi-Fi open network is available.
	Connecting VPN
	Connecting USB
	Connecting in USB debug (debug mode)
	Hidden notifications
	Incoming call
	Missed call
	Receiving data via Bluetooth
	Uploading data
	Downloading data
	Application updates in Google Play
	Installing application from Google Play is complete.





Icon	Status
	Application updates in dmarket
	Software update available
	USB tethering is set.
	Wi-Fi tethering is set.
	USB tethering and Wi-Fi tethering are set.
	Wi-Fi Direct is activated.
	GPS positioning
	Saving screenshot is complete.
	Watching 1Seg in the background
	Recording 1Seg
	Notification for Personal area etc.
	Keyboard is displayed.

Icon	Status
	Anshin Remote Support is running.
	Omakase Lock is set.

Main status icons

Icon	Status
	LTE available
	LTE communicating
	HSPA available
	HSPA communicating
	3G data communication available
	3G data communicating
	Connecting to Wi-Fi network
	Data communicating via Wi-Fi network

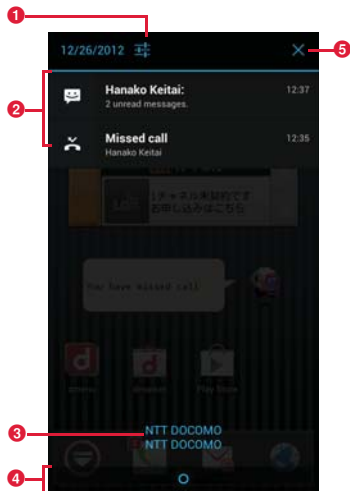
Icon	Status
	Bluetooth is activated.
	Connecting to Bluetooth device
	Airplane mode is set.
	Alarm is set.
	Synchronizing data
 *	Signal level
	Roaming
	Out of service area
	docomo mini UIM card is not inserted.
	Silent mode (Vibrate) is set.
	Silent mode (Mute) is set.
	Osai-fu-Keitai lock is set.

Icon	Status
	Battery is nearly empty. • Charge the battery.
	Battery level is low.
	Battery level is enough.
	Charging

*: Appears in gray when signal level of packet communication is weak.

Notification panel

Slide the status bar down to display the notification panel. Check notification information etc.



Notification panel

- 1 Tap to call up the setting menu (P.91).
- 2 Notification information and running information appear. Tap to check notification information or operate related function. To delete notification information, swipe left or right.
- 3 An available network operator name is displayed in top and an network operator name registered to SIM card is displayed in bottom.
- 4 Slide up to close the notification panel.

- 5 Delete notification information all at once. Some notifications cannot be deleted depending on the contents.

Character entry


To enter characters, use keyboard displayed on the screen. Input methods (keyboards) are following 6 types.

Input method (keyboard)	Description
Android keyboard	Select for entering only alphanumerics/symbols. Japanese cannot be input.
FSKAREN	Select for entering Japanese. It is default input method.
Google voice typing	Select for entering character by voice.
Huawei Input Method	Select for entering Chinese. Pinyin input and handwriting input on full-screen/half-screen are available.
Simeji	Select for entering Japanese. You can select from various input methods or link with mushroom application etc.
Shabette-Key-Nyuryoku	Select for entering character by voice. After entry, you can edit text.

Information

- Display or operation of each keyboard may vary by usage condition. Or dedicated keyboard may be displayed depending on application or function you use.

Changing keyboard

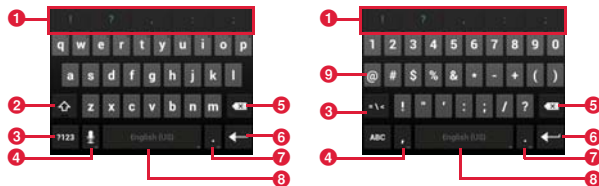
- 1 From the Home screen,  → "Settings"
- 2 "Language & input" → "Default"
- 3 Tap an input method you want to use
 - "Google voice typing" cannot be selected. To use "Google voice typing", each time you enter characters, select it in the way of the following information.

Information

- Alternatively, open the notification panel while the keyboard is displayed, and then tap "Select input method".

Entering with Android keyboard




It is a QWERTY keyboard whose key arrangement is the same as a PC. One-byte alphabets, one-byte numbers/symbols can be entered.



Enter one-byte alphabets

Enter one-byte numbers/symbols

- 1 Entry candidate or auto correct candidate appears. Tap a candidate to enter characters. Tap a candidate twice to register to the user dictionary of Android keyboard.

- 2 Switch upper case/lower case. Double-tap to switch to capitals lock.
- 3 Switch input mode to one-byte alphabet input mode or one-byte number/symbol input mode. Touch and hold to display Android keyboard setting screen.
- 4 Use voice input or enter a comma.
 - When  appears, voice input is available by tapping.
 - When ",," appears, entering commas is available by tapping.
- 5 Delete a character on the left of the cursor. Touch and hold to delete characters continuously.
- 6 Fix entry or move the cursor.
 - When "Next" appears, move the cursor to the next entry field.
 - When "Done" appears, fix the entry.
 - When  appears, enter a linefeed.
 - When  appears, enter a smiley.
- 7 Enter a period. Touch and hold to enter a symbol.
- 8 Enter a space.
 - Touch and hold to change the keyboard (P.36).
- 9 Switch types of symbols etc.

Information

- For some keys, touch and hold to display another character to enter.

Entering with FSKAREN

With FSKAREN, the following 3 types of keyboards are available.

10 key input



Multiple characters are assigned to each key. Select from 3 types of input methods : Flick input for entering a character by swipe, toggle input for entering a character by tapping repeatedly until a target character appears, and 2-touch input.

- Flick input is input method for entering by keeping touching a key assigned line including character you enter and swiping up/down/left/right to select a character. When you touch a key, pop-up appears on the key. Swipe in the direction of character you want to enter. For entering a character in the center of the pop-up, just tap the key.

(Example) To enter "め"

Keep touching "ま" key and then swipe in the direction where "め" appears (right).



- 1 Display conversion candidates. Tap a candidate to enter characters.
 - To switch conversion candidate display, swipe the conversion candidate field left/right.
- 2 For toggle input display characters assigned in the 10 key input in the reverse order.
 - When "Undo" appears, return fixed characters to the characters before conversion.
- 3 Convert characters.
 - When  appears, use symbol/pictogram/smiley/phrase list (P.40).
 - When "文節縮小 (Narrow paragraph)" appears, narrow down the conversion range by a character.
- 4 Change character input mode.
 - Touch and hold to change personal mode (P.41).
- 5 Change the keyboard type (P.39).
 - Swipe right to display the cursor screen; move the cursor or select text to copy/cut/paste/delete.
 - Touch and hold it when there is not any unfixed character, "音声入力 (Voice input)" or "区点入力 (Code input)" is available.
- 6 Switch upper case/lower case of entering character or add voiced sound mark/semi-voiced sound mark.
- 7 Delete a character on the left of the cursor. Touch and hold to delete characters continuously.
- 8 Swipe up/down/left/right to move the cursor. Swipe to switch the direction of the arrow. Just tap to move the cursor toward the direction of the arrow.
 - When "文節拡大 (Widen paragraph)" appears, widen the conversion range by a character.
- 9 Move the cursor on a conversion candidate in the order.
 - When "Space" appears, enter a space.
- 10 Fix entering characters.
 - When  appears, add a linefeed or execute.



■ QWERTY

Key arrangement is the same as the keyboard of a PC. To enter Japanese, input by Roman letter.

- Swipe an alphabet key up to enter in upper case. And swipe a key down to enter number or symbol assigned to the key.
- Tap "Shift" shown when entering one-byte alphanumeric/two-byte alphanumeric characters to switch upper case/lower case letter.
- Tap "Alt" shown when entering numbers to display other symbols.



- 1 Display conversion candidates. Tap a candidate to enter characters.
 - To switch conversion candidate display, swipe the conversion candidate field left/right.
- 2 Change character input mode (P.40).
 - Touch and hold to change personal mode (P.41).
- 3 Change the keyboard type.
 - Swipe right to display the cursor screen; move the cursor or select text to copy/cut/paste/delete.
 - Touch and hold it when there is not any unfixed character, "音声入力 (Voice input)" or "区点入力 (Code input)" is available.
- 4 Convert characters.



- When  appears, use symbol/pictogram/smiley/phrase list (P.40).
 - When "文節縮小 (Narrow paragraph)" appears, narrow down the conversion range by a character.
- 5 Swipe up/down/left/right to move the cursor. Swipe to switch the direction of the arrow. Just tap to move the cursor toward the direction of the arrow.
 - When "文節拡大 (Widen paragraph)" appears, widen the conversion range by a character.
 - 6 Delete a character on the left of the cursor. Touch and hold to delete characters continuously.
 - 7 Fix entering characters.
 - When  appears, add a linefeed or execute.
 - 8 Move the cursor on a conversion candidate in the order.
 - When "Space" appears, enter a space.

■ Handwriting

Enter characters by handwriting input.

- Depending on touch panel recognition condition or character shape, recognition may not be accurate.




- 1 Display conversion candidates. Tap a candidate to enter characters.
 - To switch conversion candidate display, swipe the conversion candidate field left/right.
- 2 Display candidates of handwriting character.
 - When "Undo" appears, return fixed characters to the characters before conversion.
- 3 Convert characters.
 - When  appears, use symbol/pictogram/smiley/phrase list (P.40).
 - When "文節縮小 (Narrow paragraph)" appears, narrow down the conversion range by a character.
- 4 Change character recognition mode (P.40).
 - Touch and hold to change personal mode (P.41).
- 5 Change the keyboard type (P.39).
 - Swipe right to display the cursor screen; move the cursor or select text to copy/cut/paste/delete.
 - Touch and hold it when there is not any unfixed character, "音声入力 (Voice input)" or "区点入力 (Code input)" is available.
- 6 Enter characters by handwriting input.
 - In landscape view, even if you set the screen type is set to "Single screen" (P.47), 2 areas appear.
- 7 Delete a character on the left of the cursor. Touch and hold to delete characters continuously.
- 8 Swipe up/down/left/right to move the cursor. Swipe to switch the direction of the arrow. Just tap to move the cursor toward the direction of the arrow.
 - When "文節拡大 (Widen paragraph)" appears, widen the conversion range by a character.
- 9 Move the cursor on a conversion candidate in the order.
 - When "Space" appears, enter a space.
- 10 Fix entering characters.
 - When  appears, add a linefeed or execute.


Information

- Alternatively, swipe  /  /  up/down to change keyboard type.

Changing character input mode


- When 10キー (10 key)/QWERTY keyboard is displayed, touch and hold 
- Tap a character type

Information


- Alternatively, tap , or swipe up/right/down to switch the character input mode to Kana/one-byte alphanumeric/number.
- Set character input mode can be checked on the status bar.

Changing character recognition mode

When using handwritten input, set a character recognition mode suitable for handwritten character.

- When handwriting input is displayed, touch and hold 
- Tap a character type

Information

- Alternatively, tap  to switch the recognition mode to Japanese/one-byte alphanumeric/symbol.

- Set character recognition mode can be checked on the status bar.


Using symbol/pictogram/smiley/phrase

- Use when there is not any unfixed character.

- When the keyboard is displayed, touch and hold 
- Tap a category





Example: One-byte symbol list

- A category in use appears. Tap to display a category list.
- Tap to enter.
 - For one-byte symbol/two-byte symbol, used history appears at the top.
- Switch continuous entry. When  appears, a list is closed even if you enter.
- Move the cursor left/right.
- Display a page. Tap to switch to the next page.
- Close a symbol/smiley/phrase list.
- Enter a linefeed or execute.



- 8 Delete a character on the left of the cursor. Touch and hold to delete characters continuously.

Information

- Alternatively, tap  to display a symbol list. Swipe  up/down to display a smiley/phrase list.
- Pictogram category appears only on the screen that entry is available.

Changing personal mode

By changing personal mode, conversion candidates displayed when entering characters can be changed.




- When the keyboard is displayed, touch and hold **
 - When handwriting input is displayed, touch and hold .
- Tap a personal mode**

Item	Description
ノーマル (Normal)	Display general conversion candidates
男性 (Male)	Display conversion candidates for men
女性 (Female)	Display conversion candidates for women
ビジネス (Business)	Display conversion candidates for business

Entering by code input

Use code input (4-digit number) to enter a kanji or symbol that cannot be converted by kana-kanji conversion.

- Use when entering characters.





- When the keyboard is displayed, touch and hold  /  / **
- "区点入力 (Code input)" → Enter code input**
 - You can slide "キーボード (Keyboard)" left/right.

Entering by Huawei Input Method

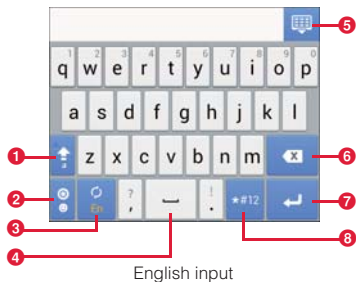
In Huawei Input Method, English input, 全屏手写 (handwriting in full screen) input, 半屏手写 (handwriting in half screen) input and 拼音 (Pinyin) input can be used.

- Operations in English (English input) are explained here as example.

Changing input method

- While keyboard is displayed, touch and hold  /  /  / **
- "English"/"全屏手写 (handwriting in full screen)"/"半屏手写 (handwriting in half-screen)"/"拼音 (Pinyin)"**

■ Entering in English



- 1 Switch upper case/lower case. Each tapping switches to capitalization **⇧**, fixed capitalization **⇧⇧**, lower case **⇩**.
- 2 Show smiley list. Touch and hold to display setting screen of Huawei Input Method or keyboard changing screen.
 - Display in smiley list differs from the actual smiley to be entered. Tap "ABC" to return to the previous display.
- 3 Touch and hold to show input setting screen.
- 4 Enter spaces.
- 5 Hide the keyboard.
- 6 Delete a character on the left of the cursor. Touch and hold to delete characters continuously.
- 7 Enter a linefeed.
 - When "Next" appears, move the cursor to the next entry field.
- 8 Switch one-byte number/one-byte symbol.
 - Tap "ALT" to return to one-byte alphabet input screen.
 - Tap "ABC" to return to one-byte alphabet input screen.

■ Information

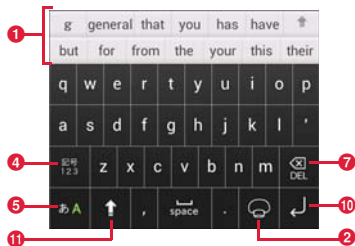
- After switching to "全屏手写 (handwriting in full screen)" / "半屏手写 (handwriting in half screen)" / "拼音 (Pinyin)", some keys and the operations change.

Entering by Simeji

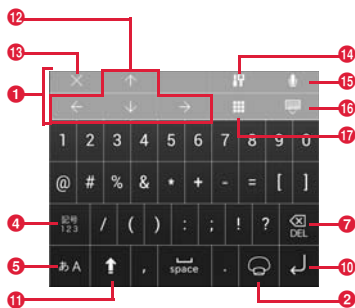
With Simeji, you can select an input method from a lot of options. Default setting (Japanese: Flick, English: Full keyboard) is explained here.

- For Flick input, see P.37.





English entry



Number/symbol entry

- 1 Display conversion candidates. Tap a candidate to enter characters.
 - When conversion candidate is not displayed, a control panel appears.
 - Tap to display conversion candidates in full-screen. Tap to return to the original display.
- 2 Touch and hold to display a mushroom application list. Select it to activate.
- 3 Move the cursor left.

- 4 Switch input mode to Number/Symbol.
 - For entering numbers/symbols, when there is not any unfixed character, each time you tap, contents in conversion candidate field change.
- 5 Switch input mode to English/Japanese.
- 6 Switch upper case/lower case of entering character or add voiced sound mark/semi-voiced sound mark.
- 7 Delete a character on the left of the cursor. Touch and hold to delete characters continuously.
- 8 Display conversion candidate of Kana/Number.
 - When is displayed, move the cursor right.
- 9 Switch prediction conversion to normal conversion.
 - When is displayed, enter a space.
- 10 Enter a linefeed or execute.
 - While entering characters, fix the characters.
- 11 For entering English, Switch upper case/lower case. Touch and hold to set Caps Lock. Tap it again to return to the previous state. For entering number/symbol, switch symbol types.
- 12 Move the cursor up/down/left/right.
- 13 Close the control panel.
- 14 Display the setting menu.
- 15 Input character by voice.
- 16 Hide the keyboard.
- 17 Select skin.



Editing character

Selecting/cutting/copying/pasting text





Entered text can be selected/copied/cut/pasted to use.



Text selection screen


- 1 Touch and hold an entered text
- 2 Drag  /  to select a text
- 3 Tap an icon

• Displayed icon varies by application.

Icon	Description
 (All selected)	Select all entered text.
 (Cut)	Cut selected text.
 (Copy)	Copy a selected text.
 (Paste)	Paste cut/copied text to selected text to overwrite.

Information



• To paste cut/copied text, operate as follows.

- When no character is entered: Touch and hold a character entry field → "Paste"
- When characters are entered: Tap on a position you want to insert →  → "Paste"



Using user dictionary (FSKAREN)

Registering a word to the user dictionary

It is convenient to register kanji with specific reading, frequently-used abbreviation, etc. To call out a registered word in the user dictionary, enter a direction word in the character entry field to convert.

- 1 From the Home screen,  → "Settings"
- 2 "Language & input" → Tap  displayed on the right of "FSKAREN"
- 3 "Dictionary Settings" → "User Dictionary"
- 4 "Add" → Enter a word/ direction word and select a word class → "Register"
- 5 "OK" → "Close"

Editing user dictionary

- 1 From the Home screen,  → "Settings"
- 2 "Language & input" → Tap  displayed on the right of "FSKAREN"

3 "Dictionary Settings" → "User Dictionary"

4 Perform editing

■ Editing registered content

- 1 Tap an item to edit → "Edit"
- 2 Change the content → "OK" → "OK"

■ Deleting registered content

- 1 Mark an item to be deleted
- 2 "Delete" → "OK" → "OK"

■ Registering the content as user conversion dictionary

- 1 "Convert" → "OK"
 - Collect words registered to the user dictionary to register as a dictionary (user conversion dictionary). By registering, you can use selectively by dictionary (P.45).

■ Saving registered content

- 1 "Backup" → "OK"

■ Restoring saved content

- 1 "Restore" → Tap an item to restore
- 2 "Restore" → "OK" → "Close"

■ Deleting saved content

- 1 "Restore" → Tap an item to delete
- 2 "Delete" → "OK" → "OK" → "Close"

■ Information

- When user dictionary (extension: suj) is saved, the content can be saved to "FSKaren_UserDic" in the internal storage.

Using user conversion dictionary

Set whether to use user conversion dictionary registered from user dictionary when entering characters.

1 From the Home screen, → "Settings"

2 "Language & input" → Tap displayed on the right of "FSKAREN"

3 "Dictionary Settings" → "User Conversion Dictionary"

4 Mark a dictionary to use

Confirming/editing user conversion dictionary

1 From the Home screen, → "Settings"

2 "Language & input" → Tap displayed on the right of "FSKAREN"

3 "Dictionary Settings" → "User Conversion Dictionary"

4 Perform confirming/editing

■ Confirming dictionary

- 1 Tap a dictionary to confirm → "Display" → "Close"

■ Renaming dictionary

- 1 Tap a dictionary to edit → "Rename"
- 2 Rename a dictionary → "OK" → "OK"

■ Deleting a dictionary

- 1 Tap a dictionary to delete → "Delete" → "OK" → "OK"

Adding/editing/resetting phrase/smiley

Add/edit phrase or smiley. You can reset to the default.

- Use in FSKAREN.

1 From the Home screen, → "Settings"

2 "Language & input" → Tap  displayed on the right of "FSKAREN"

3 "Dictionary Settings" → "Common Phrases"

4 Perform adding/editing

■ **Adding**

- ① Select a category → "Add"
- ② Enter a character → "OK" → "OK"

■ **Changing**

- ① Select a category → Tap an item to change → "Edit"
- ② Change content → "OK" → "OK"

■ **Deleting**

- ① Select a category → Tap an item to delete → "Delete"

■ **Moving**

- ① Select a category → Tap an item to move → "↑" "↓"

■ **Resetting phrase/smiley to the default state.**

- ① "Reset" → "OK" → "OK"

Item	Description
Auto-capitalization	Set whether to capitalize the first letter of a sentence when entering English.
Vibrate on key press	Set whether to vibrate when a key is tapped.
Sound on keypress	Set whether to emit operation sound when a key is tapped.
Popup on keypress	Set whether to display pop-up when a key is tapped.
Show settings key	Set whether to display the setting key.
Voice input key	Set a keyboard position for voice input key.
Auto correction	Set whether to indicate a predictive candidate in bold letter and auto-correct by space or punctuation key.
Show correction suggestions	Set whether to display entry candidate when entering characters.

Changing settings of keyboard

1 From the Home screen,  → "Settings"

2 "Language & input" → Tap  on the right of "Android keyboard"/"FSKAREN"/"Google voice typing"/"Huawei Input Method"/"Simeji"/"Shabette-Key-Nyuryoku"

3 Set each item


■ **Android keyboard**

Item	Description
Input languages	Select language to enter.

Item	Description
Advanced settings	
Key popup dismiss delay	Set a time for displaying pop-up when a key is tapped.
Suggest Contact names	Set whether to use contact name as an entry candidate or a correction candidate.
Bigram suggestions	Set whether to predict entry candidates from the last word.
Enable recorections	Set whether to display entry candidate based on usage frequency.
Keypress vibration duration settings	Set vibration length for when a key is tapped.
Keypress sound volume settings	Set volume of operation sound for when a key is tapped.

■ FSKAREN

Item	Description
Keyboard Settings	
Theme	Set a keyboard design.
Keyboard type	Set a keyboard type for vertical screen.
Lineage of Candidates	Set number of lines for displaying conversion candidates in vertical screen.
Keyboard type	Set a keyboard type for horizontal screen.
10 key input type	Set input method for 10 key input from "Flick input"/"Toggle input"/"2-touch input".
Flick input Settings	Set whether to enable toggle input while input method by swiping finger (flick input) is set in 10 key input or set sensitivity of flick input.
Toggle Input Settings	Set whether to move the cursor automatically after a character is entered or set time for moving the cursor in Toggle input.
Screen type	Set a screen type for handwriting input.
Auto Select	Set whether to fix automatically in handwriting input.
Auto Select Time	Set a time for auto-fix in handwriting input.

Item	Description	
Key Operation Settings	Vibrate on Key Press	Set whether to vibrate when a key is tapped.
	Sound on Key Press	Set whether to emit effect sound when a key is tapped.
	Preview on Key Press	Set whether to display pop-up for key operation.
	On Enter Key Press	Set whether to add a linefeed when  is tapped.
	On Space Key Press	Set whether to select a conversion candidate by Space key when linking prediction candidates are displayed.
Conversion Settings	Predictive	Set preferred candidates for displaying as prediction conversion candidates.
	English Predictive	Set whether to display English prediction conversion candidates.
	Previous Usage	Set whether to display entry candidates by predicting from fixed characters.
	Emoticon WordLink	Set whether to display entry candidates of smiley by predicting from fixed characters.
	English Previous Usage	Set whether to display English entry candidates by predicting from fixed characters.

Item	Description	
Conversion Settings	1 Character Learning Set whether to display candidates memorized in 1 Character Learning for segment conversion by entering a character. <ul style="list-style-type: none"> 1 Character Learning is memorizing entered text in the past as a character. Learning is automatically performed. 	
Dictionary Settings	User Dictionary	Use user dictionary (FSKAREN)(P.44).
	User Conversion Dictionary	Use user dictionary(P.45).
	Common Phrase	Add/edit/reset phrase/smiley(P.45).
Reset	Clear Learning	Delete learning contents memorized by FSKAREN.
	Reset Settings	Reset setting items of FSKAREN.
FSKAREN Community	Access to FSKAREN community site.	
FSKAREN	Displays FSKAREN version etc.	


■ Google voice typing


Item	Description
Select input languages	Select language to enter.
Block offensive words	Set whether to display incorrect result of voice recognition.


■ Huawei Input Method




Item	Description	
Input settings	Predict next word	Set whether to display entry candidates by predicting from fixed characters.
	Mixed Chinese/English input	Set whether to combine entries of Chinese and English.
	Fuzzy pinyin settings	Set obscure entry in pinyin.
	Auto correction	Set whether to display correction conversion candidates for incorrect entry.
	Word prediction	Set whether to display English prediction conversion candidates.
	Auto match for symbol pairs	Set whether to enter paired symbol such as brackets automatically.

Item	Description	
Keyboard settings	Sound on keypress	Set whether to emit effect sound when a key is tapped.
	Vibrate on keypress	Set whether to vibrate when a key is tapped.
	Keyboard height	Adjust height of key.
Handwriting settings		Set waiting time, style, color, width.
Dictionary Management	Update system dictionary	Download dictionary update data via Internet.
	Update popular words	Download the latest frequent-used words via Internet.
	Contacts dictionary	Import Chinese names from the phonebook.
Theme change		Set a keyboard design.
Input Langs		Set an input method.
About Huawei Input Method		Display information about Huawei.

Icon	Item	Description
	Sound on Key Press	Set whether to emit sound when a key is tapped.
	Vibrate on Key Press	Set whether to vibrate when a key is tapped.
	Key Preview	Set whether to display pop-up for key operation.
	Auto Capitalization	Set whether to capitalize the first letter of a sentence when entering English.
	Auto Space Insert	Set whether to enter a space automatically when selecting a candidate in English input mode.
	Auto Katakana Key	Set whether to display katakana key automatically.
	Control Panel	Set whether to display a control panel.
	Key Mode (Japanese)*	Set a mode for displayed keyboard.
	Candidate font size	Set font size of conversion candidates.

Icon	Item	Description
	Half space	Set whether to use one-byte spaces for kana input.
	Japanese (Flick)*	Set an input method for Japanese keyboard.
	Detail Settings	Make advanced settings for selected Japanese keyboard.
	English (Qwerty)*	Set an input method for English keyboard.
	Detail Settings	Make advanced settings for selected English keyboard.
	English Word Prediction	Set whether to display English conversion candidates.
	Auto Delimiter	Set whether to fix conversion by termination character such as comma.
	Input Word Learning	Set whether to learn fixed word in conversion.
	Word Prediction	Set whether to display prediction conversion candidates.
	Typing Error Correction	Set whether to display correction conversion candidates for incorrect entry.

Icon	Item	Description
	Single Candidates Line	Set whether to make the display area of conversion candidates in single stage.
	Fullscreen	Set whether to display an entry area in full-screen for horizontal screen.
	Cloud IME	Set whether to use cloud conversion engine.
	Auto Dictionary	Set whether to register results of cloud conversion to user dictionary automatically.
	Japanese User Dictionary	Edit words in Japanese user dictionary.
	English User Dictionary	Edit words in English user dictionary.
	Clear Learning Dictionary	Delete all contents of learning dictionary.
	Import Dictionary	Load external dictionary files.
	Export Dictionary	Write out to an external dictionary file.
	Settings I/O	Load/save option settings.

Icon	Item	Description
	Share your skin	Tweet when the skin is changed in Twitter etc.
	Local Skin	Select a skin stored in "skins" folder in "Simeji" folder of the internal storage.
	Mushroom	Set whether to use installed Mushroom application.
		Select a skin.
		Display information about Simeji.

*: () indicates setting value.

■ Shabette-Key-Nyuryoku

Item	Description
キー操作音 (Sound on keypress)	Set whether to emit effect sound when a key is tapped.
キー操作バイブ (Vibrate on keypress)	Set whether to vibrate when a key is tapped.
キーポップアップ (Key preview)	Set whether to display pop-up for key operation.
自動大文字変換 (Auto capitalization)	Set whether to capitalize the first letter of a sentence when entering English.
英字自動スペース入力 (Auto space insert)	Set whether to enter a space automatically when selecting a candidate in English input mode.

Item	Description
キーボードタイプ (Keyboard type)	Set a keyboard type by screen orientation or input mode.
フリック入力 (Flick input)	Set whether to set to input method by swiping finger (flick input) in 10 key input.
フリック感度 (Flick sensitivity)	Set sensitivity for flick input.
トグル入力 (Toggle input)	Set whether to enable toggle input when flick input is set in 10 key input.
自動カーソル移動 (Software trackball)	Set a moving speed of auto-cursor.
候補学習 (Candidate learning)	Set whether to save fixed word in conversion to learning dictionary.
予測変換 (Predictive conversion)	Set whether to perform predictive conversion.
入力ミス補正 (Typing error correction)	Set whether to display correction candidates for conversion candidates for incorrect entry.
ワイルドカード予測 (Wildcard prediction)	Set whether to use wild-card prediction which predicts conversion candidates from number of characters of reading.
候補表示行数 (Single candidates line)	Set number of lines for displaying candidates.

Item	Description
外部アプリ連携 (Linking external app)	Set whether to use installed Mushroom application.
日本語ユーザー辞書 (Japanese user dictionary)	Edit Japanese user dictionary.
英語ユーザー辞書 (English user dictionary)	Edit English user dictionary.
学習辞書リセット (Clear learning dictionary)	Reset learning dictionary.
使いかた (How to use)	Check using.
アプリ情報 (About)	Display application information.

Home screen



Home screen

“ひつじのしつじくん”
(Butler Sheep)
© NTT DOCOMO

1 Home screen position

Indicate current current position of home screens. Switch swiping left or right.

2 Widget: Search

Activate or operate widget (search).

3 Widget: i-channel

Activate or operate widget (i-channel).

4 Widget: Machi-chara

Notify you of information such as mail reception or incoming call.

5 Shortcut (application)

Activate application or function.

6 Application button


Tap to display an application screen. (P.58)

7 Wallpaper

8 Dock

Always displayed even when the Home screen is switched. Allocate shortcuts, folders, groups.

Information

- The home application can be switched to "docomo Palette UI" or "Launcher" for the terminal.
By default, "docomo Palette UI" is set as home application. To switch home applications, from the Home screen,  → Tap "Home Switcher".
- When the home application is switched, widgets, shortcuts of applications, etc. on the screen may not be properly displayed depending on the Home screen layout.

Managing the Home screen

Items to add to the Home screen

Add shortcuts, widgets, folders, application groups, etc. to the Home screen.

Adding shortcuts

- 1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc.
- 2 "Shortcut" → Tap an item you want to add to the Home screen

Adding widgets

- 1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc.
- 2 "Widget" → Tap an item you want to add to the Home screen


Widget	Description
Analog clock	Display analog clock
Bookmarks	Display bookmarks in Browser
Bookmarks	Display bookmarks in Google Chrome

Widget	Description
Calendar	Display calendar
Contents Headline	Display the latest contents such as music, videos, e-books
docomo location information	Display docomo location information application
docomo Wi-Fi Easy Connection	Display docomo Wi-Fi
Email	Display a part of Mail Inbox
Gmail	Display Inbox etc. of Gmail
Google Play Music	Play music data saved in the internal storage or microSD card
Google Search	Display Quick search
Google+ posts	Display posted articles for Google+
Home screen tips	Display tips for using the Home screen
IC Tag/Barcode Reader	Scan IC tag and bar code
i チャンネルウィジェット (i-channel Widget)	Display the latest information of news or weather in ticker
Machi-chara	Display a moving character on the Home screen widget

Widget	Description
NOTTV ウィジェット (NOTTV widget)	Display information or news of NOTTV programs
Personal area	Display My profile, My menu, etc.
Phonebook	Display contacts from the Phonebook application provided by DOCOMO
Phonebook Select members	Display outgoing and incoming history for registered contacts
Photo Gallery	Display still images or videos in the Gallery
Play Store	Display recommended applications by Google Play
Power control	Display ON buttons for Wi-Fi function, Bluetooth function, and GPS function, setting buttons for Accounts & sync, screen brightness adjustment
Schedule & Memo	Display memos or photo memos in the Calendar
Traffic	Enter a widget name and destination to display amount of time required from the current location to destination and widget on the Home screen. Tap the widget to confirm traffic situation
YouTube	Display frequently played videos, recommended videos, etc.

Widget	Description
スマホなるほどツアーズ (Tips of smartphone)	Learn convenient functions or basic operations of the terminal
ブリンアプリ利用状況 (Usage of preinstalled applications)	Display usage of pre-installed applications
診断ツール (Diagnosis tool)	Display diagnosis tool

Information

- If you install applications containing widgets from Google Play, installed widgets are also displayed in the widget list.
- Some widgets may change the sizes. To change the size, from the Home screen, touch and hold a widget you want to change size → "Resize" → Drag  displayed around the widget to change the size → Tap outside of widget.

Adding folders

- 1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc.**
- 2 "Folder" → Tap a folder you want to add to the Home screen**

Adding an application group

- 1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc.
- 2 "Group" → Tap an application group you want to add to the Home screen

Moving shortcuts etc.

- 1 From the Home screen, touch and hold a shortcut, widget, etc. you want to move
- 2 Drag it to a position you want to move to and release it
 - Keep touching and drag to the left or right of the home screen to move to another home screen.

Deleting shortcuts etc. from the Home screen

- 1 From the Home screen, touch and hold a shortcut, widget, etc. you want to delete
- 2 "Delete"

■ Information

- Alternatively, from the Home screen, touch and hold a widget or shortcut you want to delete and drag it to  displayed at the bottom of the screen.
-

Uninstalling applications or widgets

- 1 From the Home screen, touch and hold an application or widget you want to uninstall
- 2 "Uninstall" → "OK"
A completion screen for uninstalling appears.
- 3 "OK"

Renaming folder

- 1 From the Home screen, touch and hold a folder to rename
 - Folders that can be renamed are only folders created from "New folder".
- 2 "Edit name" → Enter a folder name → "OK"

■ Information

- Alternatively, open a folder then touch and hold the folder name to rename.
-


Changing Kisekae

It is a function for setting Home screen wallpaper and Application screen design all at once.

- 1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc. → "Kisekae"

2 Select a theme to set → "Set"

Information

- Alternatively, tap a Kisekai you want to change to.
 - Contents of Kisekai can be added by tapping "Search" and downloading from website. To delete added Kisekai contents, select an image and tap "Delete" → "Delete".
 - Alternatively, from the Home screen,  → "Tap "Kisekai".
-

Changing wallpaper


You can change the wallpaper of the Home screen as you like.

1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc. → "Wallpaper"

2 Select from "Gallery"/"Live Wallpapers"/"Wallpapers"/"Wallpaper gallery" → Select a wallpaper

- For "Gallery", drag the trimming frame to specify area to be used for wallpaper, and then tap "Save".
- For "Live Wallpapers"/"Wallpapers"/"Wallpaper gallery", tap "Set wallpaper".

Information

- To display wallpaper repeatedly, from the Home screen,  → "Wallpaper loop settings" → Mark "Wallpaper loop" and scroll/swipe the Home screen left or right to switch the Home screen.
-

Adding home screens

1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc. → "Home screens"

- Alternatively, pinch in on the Home screen to display a home screen list.

2 

- Up to 12 screens can be added to the Home screen.

Sorting home screens

1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc. → "Home screens"

- Alternatively, pinch in on the Home screen to display a home screen list.


2 Touch and hold a thumbnail of home screens

3 Drag it to a position you want to move to and release it

Deleting a home screen


- 1 From the Home screen, touch and hold the wallpaper area without shortcuts, widgets, etc. → "Home screens"

- Alternatively, pinch in on the Home screen to display a home screen list.

- 2 Tap  of a thumbnail of home screen you want to delete

- Alternatively, touch and hold a thumbnail of home screen you want to delete → Tap "Delete".

Application screen

- 1 From the Home screen,  The Application screen appears.





Application screen

- 1 Application tab
Display Application screen.
- 2 Recommended tab
Install applications recommended by DOCOMO.

3 Group name

Tap to show/hide applications in a group.

4 Application icon

When new applications are downloaded or existing applications are updated,  appears on the upper left of each icon.  on the Home screen is also framed in red.

For some icons, number of missed calls, unread mails, etc. displayed in number.

5 Applications in a group

Pinch out/in on the Application screen, show/hide all applications in a group.




6 Number of applications in a group





Application list

Applications displayed in the default Application screen are as follows.




- For using some applications, subscription (charged) is required separately.




■ DOCOMO Services

Icon	Application	Description	Reference
	dmenu	A shortcut application for "dmenu" to find contents that you used in i-mode and joyful and convenient contents that for smartphone readily.	P.120
	dmarket	Activate dmarket. On dmarket, you can purchase contents such as music, videos, e-books, etc. Provide information of applications on Google Play.	P.120
	i チャンネル (i-channel)	Use i-channel.	—






Icon	Application	Description	Reference
	i コンシェル (i-concier)	An application for using i-concier. i-concier is a service with which a mobile phone supports your life like a butler or concierge.	—
	しゃべってコンシェル (Shabette concier)	By speaking "what you search" or "what you do" to the terminal, this app read the meaning of the word and present the most appropriate answer.	—
	Machi-chara	Display a desired character on the terminal screen. The character moves on the widget and notifies you of i-concier information, mail reception, incoming calls, etc.	—
	ドコモバックアップ (docomo backup)	An application for using "Data Security service" or "Phonebook backup". Back up and restore data such as Phonebook.	—

■ Basic functions










Icon	Application	Description	Reference
	Phone	Activate "Phone" application provided by DOCOMO to make/receive calls or switch calls.	P.66
	Phonebook	Activate a phonebook application provided by DOCOMO to manage contacts of friends and coworkers.	P.73
	SD card backup	Transfer or back up phonebook entries, sp-mode mails, bookmarks, etc. using external memory such as a microSD card.	P.155

Icon	Application	Description	Reference
	spモードメール (sp-mode mail)	Send and receive mail using DOCOMO mail address (@docomo.ne.jp). Pictograms and deco-mail can be used, and automatic reception also is supported.	P.78
	Area Mail	Receive early warning "Area Mail" and view received Area Mail.	P.84
	Disaster kit	An application which helps you to record and check messages on the docomo Disaster Message Board.	-




■ Entertainment

Icon	Application	Description	Reference
	NOTTV	Watch Mobacas. Enjoy broadcast programs/contents such as "NOTTV".	P.124
	Media Player	An application for playing music and videos.	P.141
	Gガイド番組表 (G-guide program)	View program tables for ground-based broadcasting, BS broadcasting. Program search by keywords, reservation of watching/recording 1Seg program or remote recording when you are out are also available.	-
	TV	Watch TV etc.	P.127
	Gallery	View/organize still images or videos.	P.137




■ Tools

Icon	Application	Description	Reference
	Camera	Take photos or record videos.	P.133
	Memo	An application to create and manage memos. It is supported to i-concier service.	P.154
	Schedule	An application to create and manage schedule. It is supported to i-concier service.	-
	IC Tag/Barcode Reader	Read IC tags and barcodes.	-
	Calculator	Perform basic calculations such as addition, subtraction, multiplication, and division.	P.154
	Clock	Use alarm.	P.148
	Polaris Office	Display, edit, create Office document.	P.159
	File Manager	Check files in the terminal by category.	P.113
	Ascendアプリ (Ascend application)	Tap "取扱説明書 (Manual)" to view instruction manual of the terminal. Tap "製品情報 (Product information)" to view production information site of the terminal.	-














■ Osaifu/Shopping








Icon	Application	Description	Reference
	Osaifu-Keitai	Use Osaifu-Keitai.	P.121
	iDアプリ (iD application)	Make settings for use of electronic money, iD.	P.123
	ToruCa	Acquire, display, search or refresh ToruCa.	P.123

■ Settings







Icon	Application	Description	Reference
	Settings	Make the terminal settings.	P.91
	遠隔サポート (Remote support)	An application for using "スマートフォンあんしん遠隔サポート (Smartphone Anshin Remote Support)". "スマートフォンあんしん遠隔サポート (Smartphone Anshin Remote Support)" is a service that allows staff of the Call center to support the terminal operations by remote-checking the display of your own terminal.	P.174
	Home Switcher	Switch home applications.	P.53






■ Google

Icon	Application	Description	Reference
	Email	Set up mail accounts to send/receive mails.	P.80
	Gmail	Send/Receive Google account mails.	P.83
	Messaging	Send/receive messages (SMS).	P.78
	Talk	Chat via Google Talk.	P.84
	Browser	It is a web browsing application.	P.85
	Chrome	It is a web browsing application.	-
	Search	Search in the terminal or web pages by keyword.	-
	Downloads	Display a list of files downloaded from website etc.	-
	Play Store	Access Google Play to download/purchase of new applications.	P.121
	YouTube	Play videos of all over the world or upload recorded videos.	P.143
	Play Music	Play music data saved in the internal storage or microSD card.	-
	Play Movies & TV	Access the movie rental service of Google Play to select and rent movies.	-
	Movie Studio	An application for editing shot photos or videos.	P.157

Icon	Application	Description	Reference
	Calendar	Display a calendar to manage schedule.	P.150
	Maps	Use Google Maps services such as checking the current location, searching other places or route, etc.	P.145
	Navigation	Display Google Maps Navigation to use voice navigation to destination etc.	P.147
	Local	Use various information such as shops near current location registered on Google Maps.	P.147
	Latitude	Check location on the map or share location information with specified friends.	P.147
	Google+	Activate Google+ which is a client application for social network service (SNS) provided by Google.	-
	Messenger	Chat in group using Google+.	-

■ Applications in "Recommends" tab

Icon	Application	Description	Reference
	Anshin Scan	Protect your terminal from virus damage. Detect virus hidden in installed applications or microSD card.	-
	Book Store MyShelf	An application for viewing electronic books you purchased on the dmarket BOOK store.	-
	HighlightCam	Analyze a shot videos, still images and edit them automatically to create a video. You can choose template or BGM matching various scenes. Created videos can be posted to SNS etc. readily.	-
	Beam	An application for linking the terminal with home electrical appliance. It enables play wirelessly videos/photos/music in the terminal or in the Internet on a TV or audio device.	-
	フォトコレクション (Photo collection)	Free storage service application with which you can manage photos and videos.	-
	地図アプリ (Map application)	Functions such as 地図 (Map), お店や施設検索 (Shop and facility search), ナビ (Navigation), 乗り換え (Transfer function), 訪れた街 (Visited places) support your outing.	-

Icon	Application	Description	Reference
	Name card creator	An application to create an original name card to be displayed in the My profile field of the "Phonebook" application.	-
	Twitter	An official client application of Twitter. Publish short messages on the site to communicate with others.	-
	ecoモード (eco mode)	Set "eco mode" for reducing battery consumption by adjusting each setting such as brightness of the screen.	-
	ドコモ海外利用 (docomo international roaming)	An application which supports using packet communication overseas. You can set Data roaming setting or a network operator applicable for international Pake-hodai easily.	-
	しゃべってか たんたん操作 (Shabette- Kantan-Sousa)	Just speak a function, application you want to use or setting menu to call up desired function etc. easily.	-

Information

- For some applications, downloading and installing are needed.

Managing applications

Adding a shortcut to the Home screen

- On the Application screen, touch and hold an application you want to add to the Home screen
- "Add"

Uninstalling applications


- On the Application screen, touch and hold an application you want to uninstall
- "Uninstall" → "OK"
A completion screen for uninstalling appears.
- "OK"

Moving applications

- On the Application screen, touch and hold an application you want to move
- Drag it to a position you want to move to and release it
 - Alternatively, touch and hold an application → Tap "Move" to move to the other group.

Managing groups

Adding group

- 1 On the Application screen,  → "Add group"
- 2 Enter a group name → "OK"

Sorting groups

- 1 On the Application screen, touch and hold a label of group
- 2 Drag it to a position you want to move to and release it

Editing group name

- 1 On the Application screen, touch and hold a label of group
- 2 "Edit name" → Enter a folder name → "OK"

Information

- "Recently", "DOCOMO Services", and "Download Application" groups cannot be renamed.

Changing group color

- 1 On the Application screen, touch and hold a label of group
- 2 "Edit label" → Select a label color

Adding group to the Home screen

- 1 On the Application screen, touch and hold a label of group
- 2 "Add"



Deleting group

- 1 On the Application screen, touch and hold a label of group
- 2 "Delete" → "OK"
 - Application icons in deleted group move to "Download Application" group.


Information

- "Recently", "DOCOMO Services", and "Download Application" groups cannot be deleted.

Searching applications

- 1 On the Application screen,  → "Search"**
 - For the first time use, a confirmation screen for permit of using location information by Google appears. Confirm the contents and tap "OK".
- 2 Enter an application you want to search → Tap a searched application**
 - To search application, on the search screen,  → "Settings" → "Searchable items" → Mark "Apps".

Switching display of Application screen

- 1 On the Application screen,  → "List format"/"Tile format"**

Installing "Recommends" applications

In "Recommends" tab , applications recommended by NTT DOCOMO are displayed.


- To download an application, tap an application icon to display the downloading screen and follow the onscreen instructions.
- Downloaded applications are displayed in the "Download Application" group in the "Application" tab.
- Tap "もっとアプリを見る (More apps)" on the "Recommends" tab to activate Browser and top page of "dmenu" appears.

Home application information

You can view the detailed descriptions or operation steps, etc. about docomo Palette UI.


- 1 From the Home screen,  → "Help"**

Version information

- 1 On the Application screen, **
- 2 "Application info"**

You can confirm docomo Palette UI provider, version information, etc.


Making a call

- 1 From the Home screen,  → "Dial"**
- 2 Enter the other party's phone number**
 - Enter from the city code even when you call to the same city.



Dialpad screen


- 1 Tabs**
 - Recent calls (P.70)
 - Favorites (P.75)
 - Dial: Dialpad screen appears.
- 2 Phone number entry field**
 - Entered phone number appears.
- 3 Call key**
 - Call to an entered phone number.
- 4 Add to Phonebook**
 - Add entered phone number to Phonebook.
- 5 Koe-no-Takuhaibin**
 - Voice message can be recorded.
- 6 Delete**
 - Delete a number at far right. Touch and hold to delete all entered numbers.
- 7 Phonebook**
 - Open Phonebook.

- 3** 
 - When the party answers, a calling screen appears.

- 4 When a call is ended, "End"**

Menu on the dialpad screen

Tap  on the dialpad screen to show the following items.

Item	Description
Caller ID notification ^{*1}	Set whether to notify/not to notify the caller ID.
Select prefix ^{*1*2}	Select whether to prefix.
International call ^{*1}	Use international call (P.68).
Add 2 sec. pause ^{*1}	Enter a pause ";". Enter a phone number, pause (,) and numbers consecutively and call, the call is connected and the touch-tone signals are automatically sent after about 2 seconds.
Add wait ^{*1}	Enter a timer ";:". Enter a phone number, pause (;) and numbers consecutively and call, the call is connected and the touch-tone signals are automatically sent after "Yes" is tapped.
Send SMS	P.78
Call settings	P.71
Set start-up screen	Set the first displayed screen when tapping  on the Home screen.

*1 Appears when entering phone number on the dialpad screen.

*2 Appears only when "Select prefix" is set.

Emergency calls

If the terminal is within an area where radio wave reaches, emergency calls to 110 (Police), 119 (Fire/Ambulance), 118 (Japan Coast Guard) can be made.

Information

- In Japan, when docomo mini UIM card is not inserted to the terminal, from the PIN entry screen or when PIN/PUK is locked, calling the emergency numbers of 110/119/118 are not available.
- This terminal supports "Emergency call location notification". If you make a call to emergency numbers such as 110, 119, 118, the information of a location where you are calling from (location information) is automatically notified to the Emergency call acceptance organization such as the Police Station. The Emergency call acceptance organization may not be able to figure out your exact location depending on the location where you place a call or radio wave condition.

If you make a call hiding your caller ID, such as by entering a phone number with "184" for each call, the location information and phone number are not notified. However, the Emergency call acceptance organization may decide to obtain the location information and phone number regardless of your settings when they consider it is necessary for lifesaving, etc. Note that the areas/time for which the "Emergency call location information" is ready to be used vary depending on the preparatory state of each Emergency call acceptance organization.

- When you call the Police (110), Fire/Ambulance (119), or Maritime rescue (118) from the terminal, clearly indicate that you are calling from a mobile phone, then give your present location and mobile phone number. Also, make a point to call in a stationary position to prevent the call from being dropped. Do not power off the terminal for at least 10 minutes after the emergency call just in case the Police or Fire/Ambulance may have to get in contact with you.
 - Note that you may not connect to the local Fire Department or Police Station depending on where you are calling from.
-



5 When a call is ended, "End"

Making an international call (WORLD CALL)

"WORLD CALL" is the international call service available from DOCOMO mobile phones in Japan. Customers who subscribed to the FOMA service are also subscribed to WORLD CALL (except for ones who declined.)

- For details of "WORLD CALL", contact "General Inquiries" on the last page of this manual.

1 From the Home screen, → "Dial"

2 Touch and hold "0" on the keypad until a plus (+) mark appears

- "+" mark is replaced with an international access number when the call is made from Japan.

3 Country code → Area code (City code) → Enter the other party's number

- Enter the phone number without a leading "0", if any. In some countries and areas such as Italy, "0" is required.

Receiving a call

1 A call is received

Incoming call screen appears.

2 "Activate" → "Accept"

Call starts.

■ Declining a call

① "Activate" → "Reject"

■ Declining a call and sending a message (SMS)

① [Message icon] → "Quick responses" → Select a message

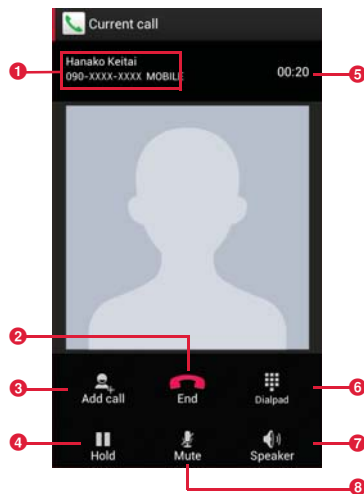
3 When a call is ended, "End"

■ Information

- Press [Mute], [Hold], or [Speaker] while receiving a call to stop ringtone, vibration.
- If you press [Mute] to stop ringtone or vibration, the screen backlight turns off. Press [Mute] again to turn on the screen.
- Selecting "Custom message..." for quick response allows you to enter message freely.
- When you do not answer phones such as missed calls or call rejection, the terminal goes into sleep mode in about 10 seconds regardless of sleep mode setting time.

Operations during a call

Calling screen



Calling screen

- ① Name/number of the other party
- ② End
End call.
- ③ Add call*
Make another call.

- 4 Hold***
Put/cancel a call on hold.
- 5 Call time**
- 6 Keypad**
Show keypad to send touch-tone signals.
- 7 Speaker**
Hear the other party's voice from the speaker to make a handsfree call.
- 8 Mute**
Make your voice inaudible to the other party.

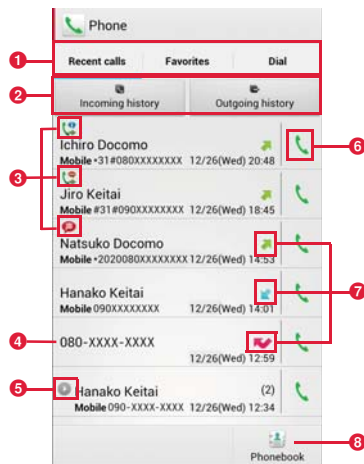
*: A separate subscription for "Call Waiting" is required (P.71).

Information

- Press **[]** or **[]** to adjust call volume. Call volume can be adjusted only during a call.

Call history

Outgoing history, incoming history, and missed calls can be checked in Recent calls.



Recent calls screen

1 Tabs


Recent calls: Call history appears.
Favorites (P.75)
Dial (P.66)

2 Switching history

Switch to incoming call history/outgoing history. Tap "Display all history" to return to the call history screen.

3 Call status icons

 : When "Caller ID Notification" (P.72) is set to "Notify" or "186" is added

 : When "Caller ID Notification" (P.72) is set to "Not notify" or "184" is added

 : A call is sent as Koe-no-Takuhaibin.

 : An international call is made.

 : An international call is received.




4 Phone number/Name

5 Continuous history with the same party

6 Call icon


Tap to make a call.


7 History icon

 indicates a missed call,  indicates an incoming call,  indicates an outgoing call, respectively.

8 Phonebook

Menu of Recent calls screen

Tap  on the call history screen to show the followings.


Item	Description
Delete all	Delete all history.
Search location	Use imadokokantan search to check the other party's location.
Call settings	P.71
Set start-up screen*	Set the first displayed screen when tapping  on the Home screen.

*: Does not appear on the incoming call history/outgoing call history screen.

Call settings

You can set network services and search available network.

1 From the Home screen, → → "Call settings"

- Alternatively, from the Home screen,  → "Settings" → "Call settings" to view call setting menu.

Item	Description
Network service	
Koe-no-Takuhaibin	Koe-no-Takuhaibin is a service of taking voice messages for you. Activate service, check/change the settings.
Voice Mail Service	The Voice Mail Service takes messages for you, if a call is received when you cannot answer a call. Activate/deactivate service, set ring time, etc.
Call Forwarding Service	The Call Forwarding Service forwards a call, if a call is received when you cannot answer a call. Activate/deactivate service, change forwarding number, etc.
Call Waiting	Call Waiting allows you to put the current call on hold to answer the second call or place a call to another party. Activate/deactivate service, check the setting.

Item	Description	
Network service	Caller ID Notification	When making a call, your phone number is shown on the display of the receiver's phone. Make and check the setting.
	Nuisance Call Blocking service	Save phone numbers to the call rejection list. Save, delete, check number of saved items.
	Caller ID Display Request Service	An announcement requesting caller ID responds for an incoming call hiding caller ID. Activate/deactivate service, check the setting.
	Second call setting	Set actions for a second call.
	Call notification	Calls received while the terminal is powered off or outside of the service area are notified by SMS. Activate/deactivate service, check the setting.
	English guidance	Make and check the setting.
	Remote access	Set to operate Voice Mail Service or Call forwarding Service using land-line phone, pay phone or DOCOMO mobile phone, etc. Activate/deactivate service, check the setting.

Item	Description	
Network service	Public mode (Power OFF) settings	If a call is received while the terminal powered off or in Airplane mode, the caller hears an announcement notifying that the receiver is in a place requiring control of using mobile phone, and the call is disconnected. Activate/deactivate service, check the setting.
	Roaming settings	P.165
Advanced call settings	Sub address settings	Set whether to recognize "*" and subsequent numbers in a phone number as a sub address.
	Prefix settings	Save and add prefix numbers such as international access codes.
	Reject unregistered call	Set whether to reject calls from callers who are not saved in Phonebook.
Quick responses	Edit message for SMS which is sent for declined calls.	
Open source licenses	Show Open source licenses.	
Account	Set Internet phone (SIP) account.	
Use Internet calling	Set Internet phone (SIP) call method.	

Phonebook

Add to Phonebook

Use DOCOMO phonebook application to manage various information for contacts, such as names, phone numbers, mail addresses.


1 From the Home screen, → "Phonebook" → "Contacts"

Contacts list appears.


2 "Register" → Select saving location

- If a Google account is not set yet, select saving location screen does not appear and contacts are saved to docomo account.

3 Enter name on the editing profile screen

- Tap  on "Given name/Family name" field to enter "Name prefix/suffix", "Middle name", etc.

4 Enter required items

- Tap "Add"/"Delete" to add/delete fields for selected items.
- Tap "Mobile" to select labels (types) for entered items.
- Tap  in "Others" and tap "Add" to add information on address and affiliation.

5 "Save"

Information

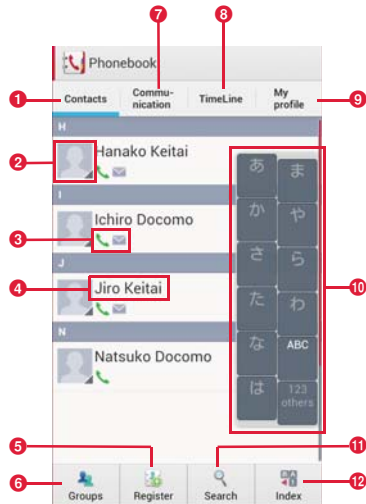
- When you save "Phonetic name (family/given)", contacts list is shown according to Japanese syllabary order or alphabets order of "Phonetic name".

- Depending on accounts to save to, ringtone can be set.

Checking/editing phonebook entries

1 From the Home screen, → "Phonebook" → "Contacts"

Contacts list appears.





Contacts list

- 1 Contacts
- 2 Picture set in phonebook entry

- 3 **Saved items**
Saved items are indicated by icons.
- 4 **Name saved in phonebook entry**
- 5 **Register**
Save contacts.
- 6 **Group**
Select group to view.
- 7 **Communication tab**
Show call logs, sp-mode mail logs and SMS logs. You can dial or send SMS from the logs.
- 8 **Timeline tab**
Show a timeline of SNS and blog set in Linking to SNS. Tap to show details and post comments and Like!
- 9 **My profile tab**
Check own phone number, edit/manage profile information, create name card using name card creator app (P.76).
- 10 **Indexed characters**
Tap "Index" to view contacts allocated to each character.
- 11 **Search**
- 12 **Index**
Show indexed characters.

2 Tap a contact you want to check

Profile screen appears.


- Tap phone number to make a call.
- Tap  on the phone number field to create a message (SMS).
- Tap  on the phone number field to use Koe-no-Takuhaibin.
- Tap a mail address and select application to create mail message.
- Tap "Communication" to check call history and communication history of sp-mode mail/Messaging (SMS)/SNS message with selected party.

■ Editing contacts

- ① Tap a contact you want to check → "Edit"

Menu on Contacts list/Profile screen

■ Contacts list

Tap  on Contacts list to show the following items.

- Available menu options vary depending on tabs.

Item		Description
Delete		Delete contacts.
Help		Check how to use Phonebook and notes on it.
Others	Import/Export	P.77
	Sync with the server	Synchronize data with the back up center to back up.
	Contacts display order	Change sorting order of contacts.
	Accounts to display	Contacts corresponding to the tapped items are shown.
	Linking to SNS settings	Register accounts for SNSs and blog at once.
	About	Check version of Phonebook app and number of entries.
Sync. deleted items		Reflect the latest call history of Phonebook app and communication history of sp-mode mail, Messaging apps.
Update SNS info.		Update SNS information.
Update Timeline		Update Timeline.
Top of the list		Move to the top of the history.

Item	Description	
SNS account settings	Set up SNS account.	
Share	Send contacts via Bluetooth or mail.	
Announcement	Check i-concier information.	
Loading name card	Load name card data saved in the microSD card.	
Exchange logs	Check name card exchanging history.	
General settings	Data management	Import/export contacts/name card data using a microSD card.
	Name card exchange settings	Set to "Use"/"Not use" exchanging name card.
	Stop Linking to SNS	Stop using Linking to SNS.
	International use setting for phonebook	Set whether to use functions of Phonebook app which require data communication overseas.
	Wi-Fi settings	Make settings for using docomo services via Wi-Fi.
	Clear temporary log (SNS and Blog)	Delete timeline communication data saved on the terminal.

■ Profile screen

Tapping  on the profile screen shows the following items.

- Available menu options vary depending on tabs.

Item	Description
Share	Send contacts via Bluetooth or mail.

Item	Description
Delete	Delete contacts.
Set ringtone	Set individual ringtone.
Join/Separate	Link related contacts such as family and company to combine as one or separate combined contact.
Linking to SNS settings	Register accounts for SNSs and blog.
Sync. deleted items	Reflect the latest call history of Phonebook app and communication history of sp-mode mail, Messaging apps.
Update Timeline	Update Timeline.
Top of the list	Move to the top of the history.

*: Appears only for docomo account.

Adding contacts to Favorites

Add contacts to "Favorites" group.

1 From the Home screen, → "Phonebook" → "Contacts"

Contacts list appears.

2 Tap a contact you want to add to Favorites →

It changes to  and added contact is shown in "Favorites" group.

■ Information

- Only contacts whose saving location is docomo account can be added to Favorites.

Checking contacts sorted by group

Contacts can be managed and used according to the group to which contacts are saved.

1 From the Home screen, → "Phonebook" → "Group"

Group tabs appear on the left of the screen. On each group tab, number of saved contacts appears.

2 Tap a group tab you want to check → Tap a contact

■ Adding/editing group

- 1 "Add" → Select an account
 - To edit a group already saved, touch and hold a group you want to edit → Tap "Edit group".
- 2 Select color and icon → Enter group name
- 3 "OK"

■ Deleting a group

- 1 Touch and hold a group you want to delete → "Delete group" → "OK"

■ Adding contacts to group

- 1 "All" → Touch and hold a contact → Drag it to a group tab you want to add to

■ Deleting a contact from group

- 1 Tap a group tab including contact you want to delete → Touch and hold the contact you want to delete → Drag it over the group tab which has included the contact

■ Information

- Only contacts whose saving location is docomo account or Google account can be added to groups.
-

Making a call from Phonebook entry

1 From the Home screen, → "Phonebook" → "Contacts"

Contacts list appears.

2 Tap a party you want to call

3 Tap his or her number → "Call"

Saving My profile

1 From the Home screen, → "Phonebook" → "My profile"

My profile screen appears.

2 "Edit"

■ Creating/editing name card data


- 1 "Create new"/"Edit"
 - To create or exchange name cards, you need to install Name card creator app. For subsequent operations, follow onscreen instructions.

3 Enter required items → "Save"

■ Starting Linking to SNS

- 1 "Set" on the "SNS·Blog" field → "OK" → "Start right now" → "Register" of SNS name you want to register → Operate according to onscreen instructions

Information

- Tap "Delete" to delete name card data.
 - Tap "Exchange this name card" to exchange name cards with nearby party via network.
 - For information on Linking to SNS functions, from Contacts list, tap  → "Help" and see Help.
-

Importing/exporting contacts

Import or export contacts between a microSD card, docomo mini UIM card and the terminal. Contacts can also be sent via mail.

1 From the Home screen, → "Phonebook" → "Contacts"

Contacts list appears.

2 → "Others" → "Import/Export"

3 Perform the following operation

■ Importing contacts

- ① "Import from SIM card"/"Import from SD card" → Select a saving location
 - If "Import from SD card" is selected, import contacts from a microSD card.
 - If a Google account is not set yet, select saving location screen does not appear and contacts are saved to docomo account.

- If several contact data (vCard) is saved on a microSD card, select Phonebook screen appears. Follow the onscreen instruction to select import method.

■ Exporting contacts

- ① "Export to SD card" → Select export method → "OK" → Follow onscreen instructions

■ Sending contact data (vCard)

- ① "Share phonebook data" → Select sending method

Using SD card backup


Transfer or back up phonebook entries, sp-mode mails, bookmarks, etc. using external memory such as a microSD card.

- For SD card backup, see "Backing up data to microSD" (P.155).

sp-mode mail

Send and receive mail using i-mode mail address (@docomo.ne.jp). Pictograms and deco-mail can be used, and automatic reception is also supported.



- For details on sp-mode mail, refer to "Mobile Phone User's Guide [sp-mode] smartphone version".

- 1 From the Home screen, 
- 2 Follow the onscreen instructions to download sp-mode mail application

Message (SMS)

You can send and receive text messages up to 70 two-byte characters long (up to 160 one-byte characters for only alphanumerics) addressed to a mobile phone number.

Creating and sending message (SMS)

- 1 From the Home screen,  → "Messaging"
- 2 
- 3 Enter mobile phone number of recipient in the To field

- If you enter name or phone number, corresponding contacts are listed.
- To enter several recipients, separate each phone number with a comma (,).

■ Selecting recipient from Phonebook

- ①  → Tap a contact you want to send

4 Enter message in the "Type message" field

■ Entering pictograms

- ①  → "Insert smiley" → Tap a pictogram you want to enter

5

- Tap  without sending message to save message (SMS) as a draft.

■ Information

- You can send and receive messages to and from users of overseas network operators. For available countries and overseas network operators, refer to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services Website.
- To send messages to users of overseas network operators, enter "+", "Country code" and then "the recipient mobile phone number". Enter the phone number without a leading "0", if any. You can also enter "010", "Country code" and "the recipient mobile phone number" to send messages. (To reply to the received SMS overseas, enter "010".)

Checking received message (SMS)

1 From the Home screen, → "Messaging"


Thread (party you sent and received messages (SMS)) list appears.

2 Tap a thread you want to read


Message (SMS) list appears.

- Received messages (SMS) appear in call-outs in white and sent messages (SMS) appear in call-outs in green.

Information

- When a message (SMS) is received,  appears on the status bar.
- Tap an image of the thread on the thread list to call to the other party who is registered to phonebook, or to add to Phonebook if he or she is not registered.

Menu on the thread list screen/message (SMS) list screen

Tap  on the thread list screen/message (SMS) list screen to show the following items.

	Item	Description
Settings	Delete old messages	Set whether to automatically delete messages when number of messages reaches to set number.
	Text message limit	Set number of messages to save per thread.
	Delivery reports	Set whether to request SMS report for each transmission.
	Manage SIM card messages	Check/delete messages copied on the docomo mini UIM card or copy messages to the terminal.
	Notifications	Set whether to show notification icon on the status bar when a message (SMS) is received.
Settings	Choose ringtone	Set ringtone which sounds when a message (SMS) is received.
	Vibrate	Set whether to vibrate when a message (SMS) is received.
	Delete all threads ^{*1}	Delete all threads.
	Insert smiley ^{*2}	Enter pictograms when creating a message.
	Delete thread ^{*2}	Delete a thread.
	Add to People ^{*2}	Save phone number for thread to phonebook.

*1 Appears only on the thread list screen.

*2 Appears only on the message (SMS) list screen.

Menu on the message screen

Touch and hold a message (SMS) sent or received to show the following items.

Item	Description
Copy text	Copy message (SMS) body.
Copy to SIM card	Copy message (SMS) to docomo mini UIM card.
Forward	Forward message (SMS).
Lock/Unlock	Protect/unprotect message (SMS) to prevent from accidental deletion.
View message details	Show type, sender/receiver, and sent/received date and time.
View report*	Show receiver's address and status of distribution.
Delete	Delete messages (SMS).

*: Appears only for messages (SMS) to which receiver confirmation is set.

Email



Setting Email account

Set up Email account of mopera U mail or other POP3 or IMAP mail accounts provided by general providers to send and receive email.

- For accounts unable to be set up automatically or accounts to be set up manually, entering receiving setting and sending setting is required. Check setup information of your Email accounts beforehand.

1 From the Home screen, → "Email"

■ Setting up a second or subsequent mail account

- ① From the Home screen,  → "Email" →  → "Settings" → "ADD ACCOUNT"

2 Tap an account type

3 Enter each item → "Next"

- To set up Email address manually, tap "Manual setup" and follow the onscreen instructions.
- For the second or subsequent mail address, mark "Send email from this account by default" if necessary.

4 Set account options → "Next"

- If setup cannot be made automatically and an account type selection screen appears, follow the onscreen instructions.

5 Enter account name → "Next"

- Entering "Your name" is required for some accounts.

Managing Email account

1 From the Home screen, → "Email"

Email list appears.

- If several accounts are set, tap an account name to select and show email list.

2 → "Settings" → Tap "General"/an account to be setup

3 Set each item

- Items to be shown differ depending on accounts.

Item	Description
Auto-advance ^{*1}	Select screen to be shown after email has been deleted.
Message text size ^{*1}	Set character size for email message screen.
Reply all ^{*1}	Set whether to send to all recipients when reply.
Restore Show pictures to default set ^{*1}	Set whether to show image.
Account name	Change account name.
Your name	Change name.
Signature	Edit or add signature.
Quick responses	Save phrases you can enter when creating email.
Default account	Set whether to use as default Email account. Marking this setting shows a checkmark on the set account in Email account list.

Item	Description
Inbox checked	Set a time interval to automatically receive new email.
Days to sync ^{*2}	Set number of days between each synchronization.
Sync email ^{*2}	Set whether to synchronize mail.
Sync contacts ^{*2}	Set whether to synchronize contacts.
Sync Calendar ^{*2}	Set whether to synchronize calendar.
Download attachments	Set whether to automatically download attachment files when Wi-Fi is connected.
Email notifications	Set whether to show a notification icon on the status bar when email is received.
Choose ringtone	Set ringtone which sounds when email is received.
Vibrate	Set whether to vibrate the terminal when email is received.
Incoming setting	Change incoming mail server setting.
Outgoing settings	Change outgoing mail server setting.
Remove account	Delete email account.

*1: Appears when "General" is tapped.

*2: Appears for Microsoft Exchange account.

Creating/Sending email

1 From the Home screen, → "Email" →

Creating Email screen appears.

2 Enter recipient mail address in To field.

- If you enter name or phone number, corresponding contacts are listed.
- To enter several recipients, separate each phone number with a comma (,).

■ Selecting recipient from Phonebook

①  → Tap a contact you want to send

■ Adding Cc/Bcc

①  → "Add Cc/Bcc"

② Enter mail addresses in "Cc"/"Bcc" field

3 Enter subject in "Subject" field

4 Enter message in message field

- In the message field, "Compose mail" or signature appears.

■ Attaching files

①  → Select an application → Select a file

■ Saving message as a draft

①  → "Save as draft"

■ Stopping creating

①  → "Discard"

5

Checking received email

1 From the Home screen, → "Email"

Email list appears.




- If several accounts are set, tap an account name to select and show email list.

2

3 Tap email you want to check

Message screen appears.

Information

-  appears on the status bar when email is received.
 - Tap  on the email list screen to switch folders.
 - Tap a sender's image on the message screen to perform "Compose email"/"Add contact". For email whose sender is not saved to Phonebook, tap "Add contact" to save address in Phonebook.
 - For email attached data,  appears in the email list. Tap "Attachment" tab on the message screen (if attachment is not downloaded yet, tap "LOAD") and tap "VIEW" to open file and check it. Tap "SAVE" to save attached data to the terminal.
-





Deleting email

1 From the Home screen, → "Email"



2 Tap email you want to delete

3

Replying to email

- 1 From the Home screen,  → "Email"
- 2 Tap an email → 
 - **Replying all members in To/Cc/Bcc fields**
 - ①  → "Reply all"
- 3 Enter message in message field
 - In the message field, "Compose mail" or signature appears.
- 4 

Forwarding email


- 1 From the Home screen,  → "Email"
- 2 Tap email →  → "Forward"
- 3 Enter mail address in "To" field
- 4 Enter message in message field
 - In the message field, "Compose mail" or signature appears.
- 5 

Gmail



Email can be sent or received via Gmail.

- A Google account is required for using Gmail. If Google account setup screen appears, set up your Google account.

Opening Gmail

- 1 From the Home screen,  → "Gmail"
- 2 Tap mail on the "Inbox" screen
Message of selected mail appears.

Refreshing Gmail



- 1 From the Home screen,  → "Gmail"
- 2 On the "Inbox" screen, 
 - The inbox is refreshed with Gmail on the terminal and Gmail on the website synchronized with each other.

Google Talk

Google Talk is an instant message program provided by Google. You can chat (exchanging text messages) with Google account users. To use Google Talk, a Google account is required.

Online chat

To use Google Talk, signing in and adding members are required. However, if you have already set your Google account, you can use Google Talk without signing in.

- 1 From the Home screen,  → "Talk"**
- 2 Tap an account you want to chat**
 - Chat screen appears.
- 3 Enter message in "Type message" field → **
 - Entered message is sent.

Information

- For details on Google Talk, on the Google Talk screen,  → Tap "Help" to see Android OS Help.

Early warning "Area Mail"

This is a service with which you can receive emergency earthquake flash report delivered by the Meteorological Agency etc.


- Area Mail is a free service and subscription is not required.
- Up to 50 items can be saved.
- Area Mail cannot be received when the power off or in Airplane mode, while displaying PIN unlock screen, when docomo mini UIM card is not inserted, when radio waves cannot be received, in data transmission, during W-Fi tethering, while updating software, while upgrading OS version, during a call, during packet communication (in streaming playback, data transmission). When the terminal is low on memory, reception may be failed.
- Area Mail that could not be received cannot be received later.

When receiving early warning "Area Mail"

When Area Mail is received, dedicated buzzer or ringtone sounds, notification icon appears on the status bar, and the content display screen opens.



- Buzzer or ringtone sounds at full volume. The setting cannot be changed.
- Ringtone sounds even in silent mode by default. This setting can be changed.

Viewing received Area Mail

- 1 From the Home screen,  → "Area Mail"**
- 2 Tap an Area Mail you want to check**

Setting Early warning "Area Mail"

You can make receiving setting and ringtone setting. Also action when receiving mail can be set.

- 1 From the Home screen,  → "Area Mail"
- 2  → "Settings"
- 3 Set each item

Item	Description
Receive setting	Set whether to receive Area Mail.
Beep tone	Set beep time and whether to sound beep tone in silent mode.
Check screen image and beep tone	Check actual reception screen and beep tone for Area Mail such as emergency earthquake flash report, tsunami warning, disaster/evacuation information.
Other settings	Receive entry
	Register/delete Area Mail you want to receive except for emergency earthquake flash report, etc.

Web browser

Using web browser

Use web browser to view web pages.

- Some pages cannot be viewed or viewed properly.

Activating browser

- 1 From the Home screen, 

Web browser activates and web page set as home page (dmenu (<http://smt.docomo.ne.jp/> (in Japanese only))) by default) appears.



- 1 Address bar
Enter a URL of web page or keyword for searching.
- 2 Window icon
Tap to view a list of web pages currently opened.




Information

- Address bar and window icon are shown at the top of the screen. Slide to scroll the screen downwards.

Available operations while opening browser screen



The following operations can be made on the browser screen.

- Depending on web pages opened, some operations cannot be made.

Intention	Operation
Zoom in/out	Pinch in/out on the screen.
Fit image to screen	Double tap the screen. <ul style="list-style-type: none">• Double tap an image fit to screen to zoom in.
Scroll	Scroll/Swipe the screen.
Return to the previous screen	Tap  .
Select/Copy text	Touch and hold text. <ul style="list-style-type: none">• Drag the slider up/down/left/right to select text to copy → Tap  to copy.• Tap "SELECT ALL" to select all characters on the web page.• Tap  to show menu and share selected text, search or web-search for selected text.

Menu on the browser screen

Tap  on the browser screen to show the following items.

Item	Description
Refresh/Stop	Refresh/stop refreshing web page.
Forward	Return to the previous screen when a web page is viewed by tapping  .
Bookmarks	Show bookmark list (P.87).
Save to bookmarks	Bookmark web page (P.87).
Share page	Share URL of web pages through online services or send URL via Bluetooth or mail.
Find on page	Search in web page.
Request desktop site	Set to open PC version web pages.
Save for offline reading	Save currently viewed web page to read offline. <ul style="list-style-type: none">•  → "SAVED PAGES" to check content.
Settings	Make browser settings.



Operating links on web page

1 Touch and hold a link on the browser screen




2 Tap item you want to use

- Items shown defer depending on links.

Item	Description
Open	Open web page.

Item	Description
Open in new tab	Open web page in a new window.
Save link	Save web page.
Copy link URL	Copy URL.
Save image	Save image.
View image	View image.
Set as wallpaper	Set image as Home screen wallpaper.
Select text	<p>Select text.</p> <ul style="list-style-type: none"> • Drag the slider up/down/left/right to select text to copy → Tap  to copy. • Tap "SELECT ALL" to select all characters on the web page. • Tap  to show menu and share selected text, search or web-search for selected text.


Using secret mode

- 1 From the Home screen, 
- 2  →  → "New incognito tab"
- 3 Enter a URL or a keyword for searching




Managing bookmarks and history

Adding to bookmarks







- 1 From the Home screen, 

- 2 Open web page to add to bookmarks →  → "Save to bookmarks"
- 3 Check/Change Label, Address, Account, Add to → "OK"

Opening web pages from bookmarks

- 1 From the Home screen, 
- 2  → 
Bookmark list appears.
- 3 Tap a web page you want to view

Opening web pages from history or saved web pages

- 1 From the Home screen, 
- 2  →  → "History"/"Saved pages"
History or saved page list appears.
- 3 Tap a web page you want to view
 - From the history screen, tap  /  to add to/delete from bookmarks.
 - Open saved web page and tap  → "Go live" to refresh web page.

Menu on the BOOKMARKS/HISTORY/SAVED PAGES screen

Touch and hold a web page in the list to show the following menu items.

- Items shown defer depending on web pages.
- On the saved page list screen, only "Delete saved page" appears to delete saved pages.


Item	Description
Open	Open web page in the currently opened window.
Open in new tab	Open web page in a new window.
Edit bookmark ^{*1}	Edit bookmark name/URL or change folder to save to.
Add shortcut to home ^{*1}	Create a shortcut for bookmark on the Home screen.
Save to bookmarks/ Remove from bookmarks ^{*2}	Add to bookmarks/Delete from bookmarks.
Share link	Share URL of web pages through online services or send URL via Bluetooth or mail.
Copy link URL	Copy URL.
Delete bookmark ^{*1}	Delete from bookmarks.
Remove from history ^{*2}	Delete web pages from the history.
Set as homepage	Set web page as home page.

*1 Appears only in bookmark list.

*2 Appears only in history list.

Setting browser

1 From the Home screen, 

2  → "Settings"

3 Set each item

Item		Description
General	Set home page	Set home page.
	Form auto-fill	Set whether to automatically enter content saved in "Auto-fill text" when an entry field for web form is tapped.
	Auto-fill text	Save content to enter an entry field for web form.

	Item	Description
Privacy & security	Clear cache	Clear cache data.
	Clear history	Clear web page history.
	Show security warnings	Alert if security problem is discovered in web page.
	Accept cookies	Allow to save, read Cookie.
	Clear all cookies	Clear saved Cookie.
	Remember form data	Save text entered in web page.
	Clear form data	Clear history of saved entered text.
	Enable location	Allow to access to the location information of the terminal.
	Clear location access	Delete all location information saved on the terminal.
	Remember passwords	Save user names, passwords entered in web pages.
Clear passwords	Delete saved user names, passwords.	

	Item	Description
Accessibility	Force enable zoom	Set whether to enable "Accessibility" setting to enable to zoom in/out in every web page.
	Text scaling	Set font size.
	Zoom on double-tap	Set magnification ratio when double tapping.
	Minimum font size	Set the smallest font size.
	Inverted rendering	Set whether to use reversal rendering.
	Contrast	Set contrast when "Inverted rendering" is marked.

	Item	Description
Advanced	Set search engine	Set search engine.
	Open in background	Open a new window behind of the currently displayed window.
	Enable JavaScript	Enable JavaScript.
	Enable plug-ins	Enable plugin.
	Website settings	Show detailed information such as web pages accessed to location information.
	Default zoom	Set whether to zoom in/out web page.
	Open pages in overview	Fit new opened web page to screen.
	Auto-fit pages	Show web pages in screen size.
	Block pop-ups	Block pop-up windows.
	Text encoding	Set character encoding.
Bandwidth management	Reset to default	Return browser settings to the default.
	Search result preloading	Set to allow browser to preload reliable search results in background.
	Load images	Set whether to show image.

	Item	Description
Labs	Quick controls	Set whether to operate browser by displaying quick control. <ul style="list-style-type: none"> • Touch and hold the left/right extremity to show quick control. Drag the quick control to an icon you want to operate and lift the finger up to perform operations. • Mark it to hide the address bar and window icon.
	Fullscreen	Set whether to hide status bar and show web page in full screen.
	Switch windows	Set whether to switch windows by swiping from left/right end of screen to the center.

Settings


Setting menu

You can change and check terminal settings from the setting menu.

- Some items cannot be viewed or selected depending on terminal status.




1 From the Home screen, → "Settings"

Setting menu is shown by category.

- Alternatively, from the Home screen,  → Tap "Settings" to show setting menu.

WIRELESS & NETWORKS

Make network connection setting, wireless connection setting such as Wi-Fi and Bluetooth.

Item	Description
Wi-Fi	P.92
Bluetooth	P.115
Data usage	Mobile data Set whether to enable data communication.
	Set mobile data limit Set upper limit for data usage. <ul style="list-style-type: none">•  → Mark "Data roaming" to allow data roaming.•  → Mark "Restrict background data" to restrict background communication.•  → Mark "Show W-Fi usage" to show status when using Wi-Fi.
	Data usage cycle Set period for measuring data usage.
More...	P.93

Using Wi-Fi function

Connect to home network, company network, or access points for public wireless LAN services using Wi-Fi function to use mail and Internet.

Information

- Packet communication can be used while Wi-Fi is ON. However, Wi-Fi network is given priority while Wi-Fi is connected.
- If Wi-Fi network is disconnected, connection automatically switches to LTE/3G/GPRS network. Note that packet communication fee applies for using LTE/3G/GPRS network.

Reception interference caused by Bluetooth devices

The terminal's Bluetooth function and wireless LAN devices use the same frequency band (2.4GHz).

If you use the terminal near a wireless LAN device, reception interference may occur or the communications speed may lower. Also, you may hear noise or have a connection problem. In these cases, do the following:

- Keep the terminal 10 or more meters away from Bluetooth devices.
- Within 10 meters, turn off Bluetooth devices.

Connecting automatically to an access point

1 From the Home screen, → "Settings" → "Wi-Fi"

Wi-Fi setting screen appears.

2 "OFF"

"ON" appears and Wi-Fi turns ON.

Available access points are automatically detected and listed.

3 Tap an access point to connect to

■ Connecting to an open access point

Tap the access point to connect automatically.

■ Connecting to a secured access point

- ① Enter a password → "Connect"
- Mark "Show password" to show entered password.
- Mark "Show advanced options" to show setting items for proxy setting, IP setting (DHCP/static), etc. "WPS" field appears for WPS supported access point. You can connect to it by using WPS.


■ Connecting to an access point by WPS button

- ① Mark "Show advanced options" → Tap "WPS" → "Push button"
- ② Press WPS button on the access point

■ Connecting to an access point by WPS PIN code

- ① Mark "Show advanced options" → Tap "WPS" → "PIN from access point"/"PIN from this device"
- ② Enter PIN code to the terminal or access point

Information

- To manually scan available access points, tap "Scan" on the Wi-Fi setting screen.
- To set Wi-Fi sleep setting, from the Wi-Fi setting screen,  → "Advanced" → "Keep Wi-Fi on during sleep" → Tap a condition.

Connecting manually to an access point

To connect to a private access point, manually enter setting.

- For the necessary information, refer to the instruction manual of your Wi-Fi access point. To connect to a company network or public wireless LAN service, ask network administrator or service provider for connection information.

1 On the Wi-Fi connection screen, "ADD NETWORK"

2 Enter network SSID → Tap "Security" field → Select security type → Enter password

Security type can be selected from "Open", "WEP", "WPA/WPA2 PSK", and "802.1x EAP".


3 "Save"

Disconnecting Wi-Fi network

1 Tap access point you want to disconnect on the Wi-Fi setting screen → "Forget"

Checking Wi-Fi connection status

You can check Wi-Fi connection status as follows.

- Status bar
When the terminal connects Wi-Fi network,  appears on the status bar to indicate signal strength.
- Access point
Tap access point currently connected on the Wi-Fi setting screen to show information such as connection status, security, signal strength.

Checking MAC address/IP address

1 On the Wi-Fi setting screen, → "Advanced" MAC address/IP address of the terminal appears.

Making Wi-Fi advanced settings


■ Notifying Wi-Fi access point

You can set to notify when open network access points are detected.

- You are notified if Wi-Fi is set to on but the terminal does not connect to access point.

- The setting is ON by default.

1 On the Wi-Fi setting screen, → "Advanced" → Mark "Network notification"

- When available access points are found,  appears on the status bar to notify.

■ Using static IP address

You can set the terminal to connect to a Wi-Fi access point using static IP address.

1 Tap access point you want to connect on the Wi-Fi setting screen

2 Mark "Show advanced options"

3 Tap "IP settings" field → "Static" → Tap item to enter → "Connect"

Using other connection functions

Set Airplane mode, VPN, tethering, etc.

1 From the Home screen, → "Settings"


2 "More..."

Item	Description
Airplane mode	P.94
VPN	P.94

Item		Description
Tethering	USB tethering	P.96
	Wi-Fi tethering	P.95
	Configure Wi-Fi hotspot	P.95
	Help	Show Help.
Wi-Fi direct		P.96
Wi-Fi Direct settings		P.96
Mobile networks	Data enabled	Enable/Disable data communication via mobile network.
	Data roaming	P.163
	Access Point Names	P.97
	Network Mode	P.162
	Network operators	P.163

Enabling Airplane mode

Stop sending and receiving radio wave with the terminal powered ON. If enabled, functions which require sending and receiving radio wave such as making/receiving calls, connecting to the Internet, sending/receiving mail cannot be used.

1 From the Home screen,  → "Settings" → "More..."

2 Mark "Airplane mode"

 appears on the status bar.

Information

- Alternatively, press and hold  → Tap "Airplane mode" to enable Airplane mode.
- If Airplane mode is set, Wi-Fi function, Wi-Fi tethering and Bluetooth turn off. However, Wi-Fi function and Bluetooth function can be turned on even in Airplane mode.

Connecting to VPN

VPN (Virtual Private Network) is a technology to connect to the information in a protected local network from another network. VPNs are generally available in companies, schools or other facilities. Users can access information in a local network even from outside of the facilities. To set up a VPN connection from the terminal, you need to retrieve information related to security from your network administrator.

- When ISP is set to sp-mode, PPTP is not available.

Adding a VPN

1 From the Home screen,  → "Settings" → "More..."

2 "VPN"

VPN setting screen appears.

- To use VPN, set screen unlock preference beforehand. If alert screen about screen lock appears, read the alert → Tap "OK", then follow the onscreen instructions.

3 "Add VPN network"

4 Set items following instructions from a network administrator

- Tap "Cancel" to cancel setting.

5 "Save"

Connecting to VPN

1 Tap a VPN you want to connect on the VPN setting screen

2 Enter required authentication information → "Connect"

When you are connected to VPN,  appears on the status bar.

Disconnecting VPN

1 Tap a VPN to disconnect on the VPN setting screen → "Disconnect"

VPN is disconnected.

Menu on the VPN setting screen

Touch and hold a VPN on the VPN setting screen to show the following menu items.

Item	Description
Edit network	Edit items for VPN settings.

Item	Description
Delete network	Delete VPN.

Using tethering function

Use tethering to connect other devices to the Internet via packet communication of the terminal. 2 methods of tethering can be used.

- Wi-Fi tethering (P.95)
- USB tethering (P.96)

Using Wi-Fi tethering

Use Wi-Fi tethering to connect other devices to the Internet via packet communication of the terminal.

- Up to 8 communication devices can be connected via the terminal at the same time.

1 From the Home screen, → "Settings" → "More..."

2 "Tethering" → "Wi-Fi tethering" → Confirm details of notes → "OK"


"Wi-Fi tethering" is marked and  appears on the status bar.

Information

- If Wi-Fi tethering is enabled while connected to Wi-Fi network, network switches to packet network.

Checking network SSID and security (password)

By default, "AndroidAP" for Network SSID, "WPA2 PSK" for security, 12-digit alphanumeric characters which differ from one device to another for password are set.

1 From the Home screen,  → "Settings" → "More..."

2 "Tethering" → "Configure Wi-Fi hotspot"

3 Check network SSID and security (password)

- Security type can be selected from "Open", "WPA PSK", and "WPA2 PSK".
- Mark "Show password" to show entered password.

■ **Changing network SSID and security (password)**


- ① Change network SSID and security (password) → "Save"

Information

- Performing "Factory data reset" (P.109) initializes password.

Using USB tethering

Use Micro USB Cable 01 (optional) to connect the terminal and other device. Make setting to connect other device to the Internet via packet communication of the terminal.

- For information on how to connect to the terminal and system requirement for available PC, see "Connecting external device" (P.117).
- Windows Vista PCs and Windows 7 PCs are available. For Windows XP PC, download and install the latest version of Microsoft ActiveSync.
- For details on USB tethering, from the Home screen,  → "Settings" → "More..." → "Tethering" → "Help".

1 Connect the terminal and communication device with Micro USB Cable 01

- For information on how to connect, see "Connecting external device" (P.117).

2 From the Home screen,  → "Settings" → "More..."

3 "Tethering"

- Make sure that notification indicating that USB is connected appears under "USB tethering".

4 "USB tethering" → Confirm details of notes → "OK"

"USB tethering" is marked and  appears on the status bar.

■ **Canceling USB tethering setting**


- ① Unmark "USB tethering"
- ② Click USB safely remove on the task try of your PC.
- ③ Remove Micro USB Cable 01

Information

- While USB tethering is set, inserted microSD card or internal storage of the terminal cannot be used from a PC as a USB storage.

Using Wi-Fi Direct

Connect Wi-Fi Direct device to exchange data.

1 From the Home screen,  → "Settings" → "More..."

2 Mark "Wi-Fi direct"

 appears on the status bar.

- If confirmation screen for starting Wi-Fi Direct appears, check the note → Tap "OK".

3 "Wi-Fi Direct settings"

The Wi-Fi Direct setting screen appears. Scanned devices appear in the "WI-FI DIRECT DEVICES" field.

4 Tap a device to connect → "Connect"


Information

- For manually scanning available devices, tap "Scan" on the Wi-Fi Direct setting screen.
-




Setting access point

Access points (sp-mode, mopera U) to connect to the Internet are registered by default, adding and editing access points are available. By default, sp-mode is set as default access point.

Checking currently used access point

- 1 From the Home screen,  → "Settings" → "More..." → "Mobile networks" → "Access Point Names"

Adding access point



- 1 From the Home screen,  → "Settings" → "More..." → "Mobile networks" → "Access Point Names"
- 2  → "New APN"
- 3 Edit setting for access point →  → "Save"

Information

- Do not change the MCC/MNC to other than 440/10. The settings disappears from the screen. In this case, initialize the access point or set a new access point.
-

Initializing access point

By initializing an access point, the default state is restored.

- 1 From the Home screen,  → "Settings" → "More..." → "Mobile networks" → "Access Point Names"
- 2  → "Reset to default"




sp-mode

sp-mode is ISP for NTT DOCOMO smartphone. In addition to accessing Internet, you can use the mail service using the same address as i-mode mail (@docomo.ne.jp), etc. sp-mode is a service requiring subscription. For details on sp-mode, refer to NTT DOCOMO website.

mopera U

mopera U is ISP of NTT DOCOMO. If you have subscribed to mopera U, you can use Internet after making the simple settings. mopera U is a service requiring subscription.

Setting mopera U

- 1 From the Home screen,  → "Settings" → "More..." → "Mobile networks" → "Access Point Names"
- 2 Tap  of "mopera U"/"mopera U設定 (mopera U setting)" to turn to 

Information

- "mopera U設定 (mopera U setting)" is an access point for setting mopera U. You can make mopera U setting via packet communication free of charge if you use access point for mopera U setting. Note that the access point always connects you to initial setting screen or editing setting screen. For details on mopera U setting, refer to NTT DOCOMO website.




DEVICE

Sound

You can make settings for ringtone, notification, Silent mode, etc.

1 From the Home screen,  → "Settings"


2 "Sound"

Item	Description
Volume	P.99
Silent mode	P.99
Phone ringtone	P.99
Default notification	P.99
Vibration when ring	Set whether to vibrate when an incoming call is received.
Dial pad touch tones	Set whether to emit dialpad sound when entering phone number.
Touch sounds	Set whether to emit operation sound when selecting an application or menu item.
Screen lock sound	Set whether to emit notification sound when locking/unlocking screen.
Vibrate on touch	Set whether to vibrate when tapping  /  /  or taking specified actions.



Adjusting volume

You can adjust ringtone volume, media sound volume individually.

- Music, video, games & other media
- Vibrate and ring
- Alarm




- 1** From the Home screen,  → "Settings"
- 2** "Sound" → "Volume"
- 3** Drag the slider of volume bar left or right → "OK"

Information



- Alternatively, press  /  to adjust ringtone volume. However, while using an application for playing videos or music ringtone volume may not be adjustable.
 - For some applications such as playing videos/music applications, media sound can be adjusted using volume bar on the screen.
-

Setting Silent mode

You can set not to emit ringtone and notification sound.


- 1** From the Home screen,  → "Settings" → "Sound"
- 2** "Silent mode" → "OFF"/"Vibrate"/"Mute"
When "Vibration"/"Mute" is selected,  /  appears on the status bar.

Information

- Note that, even when Silent mode is set, shutter sound or start/end shooting sound of the camera, playback sound of music/video or alarm sound are emitted.
 - Alternatively, press and hold  → Tap  to enable Silent mode.
-


Setting ringtone/notification sound

Set incoming call ringtone and notification sound when receiving new mail etc.

- 1** From the Home screen,  → "Settings" → "Sound"
- 2** "Phone ringtone"/"Default notification"
- 3** Select sound or music → "OK"

Display


Set display brightness, screen auto rotation, backlight time-out period.

- 1** From the Home screen,  → "Settings"
- 2** "Display"


Item	Description
Brightness	P.100
Wallpaper	Set home screen wallpaper.
Auto-rotate screen	P.30
Sleep	P.100

Item	Description
Font size	Set font size.
Font setting	Set character font shown on the display.

Adjusting screen brightness


- 1 From the Home screen,  → "Settings"
- 2 "Display" → "Brightness"
- 3 Drag the slider left or right → "OK"
 - When "Automatic brightness" is marked, screen brightness cannot be adjusted by the slider. Screen brightness is automatically adjusted according to the ambient lighting.

Setting time period before going into sleep mode

- 1 From the Home screen,  → "Settings"
- 2 "Display" → "Sleep"
- 3 Tap time before the terminal goes into sleep

Storage

Check amount of memory for the terminal, microSD card installed in the terminal, etc.

- 1 From the Home screen,  → "Settings"
- 2 "Storage"

Item	Description	
Software Upgrade	Update the terminal using the software saved in microSD card.	
INTERNAL STORAGE	Total space	Show total amount of the terminal memory.
	Apps	Show data amount of applications installed in the terminal.
	Pictures, videos*	Show data amount of pictures and videos saved in the terminal.
	Audio (Music, ringtones, podca)	Show sound data amount saved in the terminal.
	Misc.*	Show amount of other data saved in the terminal.
	Available	Show available memory space in the terminal.
	Erase Internal Storage	Delete data saved in the terminal.

Item	Description	
SD CARD	Total space	Show total amount of data saved in microSD card.
	Available	Show available memory space in microSD card.
	Unmount SD card/Mount SD card	P.101
	Erase SD card	P.101


*: Appeared only when data is saved in the internal storage.

Information

- If the terminal has 5% or less of available memory space, the terminal operations may become unstable. If the terminal is low on memory, delete unnecessary data or applications.

Unmounting microSD card

Unmount microSD card to safely remove from the terminal.

- From the Home screen,  → "Settings"
- "Storage" → "Unmount SD card"
 - Message appears. Check the content.
- "OK"


Information

- Unmounting microSD card makes it impossible to play or save data in the internal storage.

Formatting microSD card

Format microSD card.

- Note that formatting microSD card erases all data in the microSD card.


- From the Home screen,  → "Settings"
- "Storage" → "Erase SD card" → "Erase SD card"
- "Erase everything"

After formatting is complete, the microSD card is automatically mounted and ready to use.

 - Deleted data cannot be restored.

Battery

Check the amount of battery power being used.


- From the Home screen,  → "Settings"
- "Battery"

Apps

You can check information on installed applications, force-close applications, delete data, uninstall applications, etc.

1 From the Home screen,  → "Settings" → "Apps"

2 Tap a tab to check

- Tap  on the "DOWNLOADED" tab/"ON SD CARD" tab/"ALL" tab screen to change the display order.

3 Tap an application

- You can check application information and tap an item shown on the screen to operate.

Information

- You may fail to uninstall some applications preinstalled by default.
-

Disabling applications

You can disable applications and services you cannot uninstall. Disabled applications are not shown on the screen or not operated but they are not uninstalled.

1 From the Home screen,  → "Settings" → "Apps"

2 Tap an application to disable → "Disable"

3 Read note shown and "OK"

- Tap "Enable" to enable it again.

Information

- If you disable an application, other applications linking with the disabled application may not be operated correctly. Enable the application again to operate linked applications correctly.
-

PERSONAL

docomo service

Make setting for using docomo service.

1 From the Home screen,  → "Settings"

2 "docomo service"

Item	Description
Application manager	Set checking frequency for updating.
Wi-Fi	Make settings for using docomo services via Wi-Fi.
docomo apps password	Set password required when using docomo applications. <ul style="list-style-type: none">• The setting is "0000" by default.
AUTO-GPS	Set GPS function and show history of positioning.
docomo location information	Set location information service for imadoko search/imadokokantan search/Keitai-Osagashi Service.
docomo Wi-Fi Easy Connection	Connect public wireless LAN service "docomo Wi-Fi" or home Wi-Fi environment readily.
Send preinstalled apps usage status	Send application usage.
Open source licenses	Show Open source licenses.

Call settings

Make call settings for network services, international roaming, etc. (P.71).

Accounts & sync

Set up accounts for online services such as Google and Microsoft Exchange ActiveSync to the terminal to synchronize and update information.

- If you skip Google account setting in "Initial settings" (P.30), account setting screen appears when you use Gmail, Google Play, etc. for the first time. Setting up a Google account allows you to use online services provided Google such as Gmail and Google Play.

Adding accounts

1 From the Home screen,  → "Settings"

2 "Accounts & sync" → "ADD ACCOUNT"

3 Tap a service of account you want to add

For subsequent operations, follow onscreen instructions.

- To set up Microsoft Exchange ActiveSync account, tap "Corporate". For setup information, contact your network administrator or service provider.

Setting up and synchronizing accounts

Make settings for online accounts and synchronization.

- This service sometimes automatically communicates for synchronizing data, etc. Communication fee may be charged.

1 From the Home screen,  → "Settings"

2 "Accounts & sync"

3 "OFF"/"ON" at the top right of the screen

Information


- To set items to be synchronized, tap an account → Mark items to be synchronized.

Synchronizing accounts manually

1 From the Home screen, → "Settings"

2 "Accounts & sync" → Tap accounts to be synchronized

3 → "Sync now"

- While synchronizing,  → Tap "Cancel sync" to cancel synchronizing.

Deleting accounts

Delete accounts, messages, contacts, setup information of online services from the terminal.

- Deleting accounts from the terminal does not delete information on the web.

1 From the Home screen, → "Settings"

2 "Accounts & sync" → Tap accounts to be deleted

3 → "Remove account" → "Remove account"

Information

- If the account cannot be deleted because it is used by other applications, perform "Factory data reset" (P.109) to delete it. Note that performing "Factory data reset" restores data to the default. All data saved in the terminal such as downloaded applications and registered information are erased.
- docomo account cannot be deleted.

Location services

Make settings for location information.

1 From the Home screen, → "Settings"

2 "Location services"

Item	Description
Google's location service	P.144
GPS satellites	P.144
GPS LED reminder	LED flashes while using GPS.
GPS sound reminder	Alert sounds while using GPS.
Location & Google search	Set whether to allow Google to use location information.

Security

Make security settings.

1 From the Home screen,  → "Settings"

2 "Security"

Item	Description
Screen lock	P.107
Owner info	Set whether to show user information on the unlock screen.
Set up SIM card lock	P.106
Make passwords visible	Set whether to show password when entering it.
Device administrators	Enable/Disable manager's authority if terminal manager is set. <ul style="list-style-type: none">• "Omakase Lock" is enabled by default.
Unknown sources	P.108
Trusted credentials	Allow applications to access authentication information or certificates.
Install from SD card	Install encrypted certificates from microSD card.
Clear credentials	Delete all certificates (contents) in the authentication information storage (authentication information data used for VPN connection) and reset password.

Security codes used on the terminal

Some functions provided for convenient use of the terminal require the security code to use them.

Besides the security code for locking the terminal, the network security code necessary for the network services etc. are available. Make use of the terminal using an appropriate security code according to your purpose.

■ Notes on the security codes

- To set a security code, avoid imaginable numbers such as "birth date", "a part of phone number", "street address or room number", "1111" or "1234". Maintain a separate record not to forget the numbers.
- Be careful never to reveal your security code to others. If a security code is misused by others, DOCOMO assumes no responsibility for damages resulted from it.
- If you forget your security codes, you need to bring a document (a driver's license etc.) to identify your subscription, the terminal and the docomo mini UIM card to a docomo Shop. For details, contact "General Inquiries" on the last page of this manual.
- The PUK code is written on a subscription form (copy for user) handed at subscription in a docomo Shop. For users subscribed in other than docomo Shop, bring a document (a drivers license etc.) to identify your subscription and the docomo mini UIM card to a docomo Shop, or contact "General Inquiries" on the last page of this manual.

PIN/Password for screen lock

Security code for using screen lock function.

Network security code

The network security code is a 4-digit number necessary for identification or using the docomo Network Services at reception of your request in docomo Shop or at a docomo Shop, docomo Information Center. It can be set any number at the subscription and also changed later by yourself. You can change your network security code to a new one using a PC if you have the "docomo ID/Password" for the "My docomo" * General support site for PC.

If you use dmenu, "dmenu" → "お客様サポートへ (To Customer support)" → You can change it yourself from "各種お申込・お手続き (Various application/Procedures)" (in Japanese only).

*: For "My docomo" and "お客様サポート (Customer support)", see the reverse side of the last page of this manual.

PIN code

Security code called as PIN code can be set in the docomo mini UIM card. The code is set to "0000" at the time of subscription, but you can change the number by yourself.

PIN is a 4- to 8-digit number (code) that must be entered for user confirmation to prevent unauthorized use by a third party every time you insert the docomo mini UIM card into the terminal or when the terminal is powered ON. Entering PIN enables making/answering a call and other terminal operations.

- If you purchased the terminal and install the docomo mini UIM card that you have used on another terminal, use the PIN code set on the former terminal. If you did not change the setting, the code is "0000".
- If you enter a wrong PIN code 3 times consecutively, the PIN code is locked and cannot be used anymore. In this case, unlock with "PUK".

PUK code

The PUK code is an 8-digit number for canceling the locked PIN code. The PUK code cannot be changed by yourself.

- If you enter a wrong PUK code 10 times consecutively, the docomo mini UIM card is locked. Please contact a docomo Shop.

Information

- If PIN code or docomo mini UIM card is locked, remove docomo mini UIM card. The Home screen appears and communication via Wi-Fi is possible.
-

Setting SIM card lock

Set to request PIN when the terminal is powered ON to prevent unauthorized use of docomo mini UIM card by a third party.

- If you enter a wrong PIN 3 times consecutively, the PIN code is locked and cannot be used anymore.

1 From the Home screen,  → "Settings"

2 "Security" → "Set up SIM card lock"

3 "Lock SIM card" → Enter PIN → "OK"

"Lock SIM card" is marked.

Changing PIN

- This setting is available only when SIM card lock is enabled.


1 From the Home screen,  → "Settings"


2 "Security" → "Set up SIM card lock"

- 3 "Change SIM PIN" → Enter current PIN → "OK"
- 4 Enter a new PIN → "OK" → Re-enter the new PIN → "OK"

Setting security unlock preference






Set to require security unlock operation when unlocking the screen.

- 1 From the Home screen,  → "Settings"
- 2 "Security" → "Screen lock"
 - Enter unlock preference if other than "Not locked" and "Touch" is set.
- 3 Follow the onscreen instructions.

Item	Description
Not locked	Set not to require security unlock operation.
Touch	Set to unlock the screen by tapping  .
Face Unlock	Set to require face authentication when unlocking the screen. <ul style="list-style-type: none"> • Set pattern or PIN just in case face authentication does not work or when disabling face authentication.
Pattern	Set to unlock the screen by entering pattern.

Item	Description
PIN code	Set to unlock the screen by entering security code. <ul style="list-style-type: none"> • It does not mean "PIN code" set for docomo mini UIM card.
Password	Set to unlock the screen by entering password.

Information

- You can set "PIN" (security code) of 4- to 16-digit numbers or "Password" of 4- to 16-alphanumeric characters (requiring at least 1 alphabet).
- Retaking a picture of your face for "Face Unlock" is available. From the Home screen,  → "Security" → "Improve face matching" → Follow the onscreen instructions to shoot.
- When "Pattern" is set, you can set to show the pattern traced with your finger. From the Home screen,  → "Settings" → "Security" → Mark "Make pattern visible".
- You can set the time period from when the display backlight turns off till when the screen lock activates if other than "Not locked", "Touch" is set. From the Home screen,  → "Settings" → "Security" → "Automatically lock" → Tap a time.
- You can set whether to vibrate when entering security unlock preference is entered if other than "Not locked", "Face Unlock" is set. From the Home screen,  → "Settings" → "Security" → Mark "Vibrate when touch".
- Set whether to show user information on the security unlock screen if other than "Not Locked" is set. From the Home screen,  → "Settings" → "Security" → "Owner info" → Mark "Show owner info on lock screen" and enter user information.
- If other than "Not locked", "Touch" is set, entering set security unlock preference is required when performing "Factory data reset" (P.109).

■ If security unlock failed

If pattern, PIN, or password is set and entry failed 5 times, a message asking to re-enter 30 seconds later appears.


- If you forget security unlock pattern, on the re-entry screen, tap "Forgot pattern?" and sign in to your Google account. You can create a new unlock pattern.
- Note that if you have not set up your Google account or forget PIN or password, you cannot unlock the screen.

If you cannot unlock the screen by face recognition, enter the pattern/PIN set for Face Unlock.

Permitting to install unknown sources applications


Permit to install unknown sources applications such as applications provided by third parties.

- Pay attention to security when installing unknown sources applications.

- 1** From the Home screen,  → "Settings"
- 2** "Security"
- 3** Mark "Unknown sources"
- 4** Read the content → "OK"

Language & input

Make settings for display language and keyboard used for character entry.

- 1** From the Home screen,  → "Settings"
- 2** "Language & input"

Item	Description	
Language	Set display language.	
Spelling correction	Set whether to run spell check.	
Personal dictionary	Save words used for Android keyboard.	
Default	Set keyboard.	
Android keyboard	P.36	
FSKAREN	P.37	
Google voice typing	P.36	
Huawei Input Method	P.49	
Simeji	P.50	
Shabette-Key-Nyuryoku	P.51	
Voice Search	Language	Set language to be used for Google voice typing.
	SafeSearch	Set adult filter for images and text when using Voice Search.
	Block offensive words	Set whether to show inappropriate search results for Voice Search.
Text-to-speech output*	Pico TTS	Make settings for speech synthesis engine to be used for Text-to-speech output.
	Speech rate	Set speed at which text is spoken.
	Listen to an example	Play speech synthesis sample.
Pointer speed	Set pointer speed.	

*: Japanese is not supported as of October 2012.

Information

- Voice data is not installed by default.
-

Backup & reset

Make setting for data backup and terminal data reset.

1 From the Home screen,  → "Settings"

2 "Backup & reset"

Item	Description
Back up my data	Back up settings and data of Google services and third parties' applications to the Google server. For details on the backup function, contact application developers.
Backup account	Setup an account for backup.
Automatic restore	Restore backed up settings and data when reinstalling applications.
Data transfer mode	Set mode to perform "iC transfer service".
Factory data reset	Erase data saved in the terminal such as Google accounts, downloaded applications, etc. and return to the default. <ul style="list-style-type: none">• Back up important data before performing the operation.• To delete data saved in the microSD card, mark "Erase SD card".

Information

- Resetting makes the terminal returned to the default state. Not only saved data but also function settings returns to the default state. For deleting only shot photos or downloaded data such as music, from the Settings menu, "Storage" → Tap "Erase Internal Storage" (P.100).
-

SYSTEM

Date & time

Set date and time.

1 From the Home screen,  → "Settings"

2 "Date & time"

Item	Description
Automatic date & time	Set whether to automatically correct date and time based on the information provided by the network.
Automatic time zone	Set whether to automatically correct time zone based on the information provided by the network.
Set date	Set year, month, day manually.
Set time	Set time manually.
Select time zone	Set time zone manually.
Use 24-hour format	Set whether to use 24-hour format.
Select date format	Switch date format.


Accessibility

Make settings for applications and functions helping user operations.

1 From the Home screen,  → "Settings"

2 "Accessibility"

- When the screen reader notification screen appears, tap "OK" to access Google Play to download "TalkBack".


Item	Description
SERVICES	Installed services are shown.
Large text	Set whether to view in large font.
Power button ends call	Set to whether to end call by pressing  .
Auto-rotate screen	Set whether to switch screen to vertical position or horizontal position by detecting the terminal orientation. <ul style="list-style-type: none">• For some applications, the screen automatically rotates regardless of the setting.
Speak passwords	Set whether to read out entered passwords using installed accessibility service.
Tap & hold delay	Set time period for tapping touch panel.
Install web script	Set whether to install script which allows you to easily access web contents from applications.

Software update

Change update setting for the terminal software and perform update operations (P.176).

Power saving mode

Reduce the battery consumption on the terminal.

- 1 From the Home screen,  → "Settings"
- 2 "Power saving mode"

Item	Description
Battery saver	Reduce CPU operation to keep the battery longer when "Balanced" is set.
Balanced	Adjust battery consumption according to ambient brightness to keep the battery longer.

Developer options

Set options for using application development.

Fast boot

Reduce rebooting time of the terminal.


Information

- In the following cases, the terminal boots normally even if fast boot is set to ON.
 - SIM card lock is set

- Rebooting from phone options screen (P.27)
- The battery pack is removed while the power is off

About phone

Check own phone number, battery level, etc.

- 1 From the Home screen,  → "Settings"
- 2 "About phone"

Item	Description	
Status	Show battery status, battery level, phone number, etc.	
Legal information	Huawei EULA	Check end user software license agreement.
	Open source licenses	Check open source license agreement.
	Google legal	Check Google legal.
Approval Information	Show Technical Compliance Mark which certifies that the terminal is compliant with technical standards based on the Telecommunications Business Law and the Radio Law.	

Item	Description
Model number, Android version, Baseband version, Kernel version, Build number	Information on the hardware, software, Android OS, etc. of the terminal

File management

File Manager

View/play and manage files and folders saved in the internal storage and microSD card.

Viewing/Playing files

1 From the Home screen,  → "File Manager"


2 Tap the "Category"/"Internal"/"SD card" tab

3 Tap a category or folder → Tap a file

Application for viewing/playing the file activates and the file can be checked.




- Some files may not be able to be viewed on the terminal.


Information

-  on the "Category"/"Internal"/"SD card" tab → Enter text to search a folder or file.

Moving/Copying files or folders

1 Touch and hold a file or folder to move/copy on the "Internal"/"SD card" tab → "Cut"/"Copy"

- To move/copy several files or folders,  → "Select item(s)" → Tap files or folders →  → Tap "Cut"/"Copy".
- To select all files or folders, tap  → "Select item(s)" → "0 selected" at the top of the screen → "Select all".

2 Show location to move/copy → 

Managing applications

1 On the "Category" tab screen, "Applications" → "Installed"/"My Market"

- You cannot manage applications stored in the "Not installed" folder.

2 Tap an application → "Open"/"Copy to"/"Share"/"Add to category"/"Uninstall"

Information

- Applications preinstalled by default are not shown on the "Category" tab.

Menu on the File Manager screen

Touch and hold a file or folder on the File Manager screen to show the following menu items.

- Items to be shown differ depending on types of files and folders.

Item	Description
Open	Open files and folders.
Share	Share file or folder via Bluetooth.
Set as	Save in Phonebook or as wallpaper.
Cut	Move file or folder.
Copy	Copy file or folder.
Delete	Delete file or folder.
Compress	Compress file or folder.
Desktop shortcuts	Create shortcut on the desktop.
Add bookmark	Add to Bookmarks. <ul style="list-style-type: none">• Tap "Category" on the "Bookmarks" tab screen to view file or folder to which bookmark is added.• To delete a bookmark, on the "Category" tab, "Bookmarks" → touch and hold a bookmark → Tap "OK".
Rename	Rename file or folder.
Details	Check detailed information of file or folder.

Tap  on the File manager screen to show the following items.

Item	Description
New folder	Create a new folder.
Select item(s)	Select several files or folders to move/copy, compress, delete, etc.

Item	Description
Sort by	Sort files and folders by name, size, date, etc.
Storage	Check available memory in the internal storage and microSD card.

Bluetooth communication

Send and receive data between the terminal and Bluetooth device.

- Note that connecting Bluetooth makes battery consumption increased.
- For the compatible versions or profiles, see "Main specifications" (P.180).
- For operations of Bluetooth device to be connected to the terminal, refer to the device's instruction manual.
- Connection and operation availability with all commercial available Bluetooth devices is not guaranteed.

■ Notes on using Bluetooth function

- Connect with another Bluetooth device keeping the line-of-sight distance to 10 m or shorter. Distance available for connection may be shorter depending on surrounding (wall, furniture, etc.) and structures of buildings.
- Place a Bluetooth device as far as possible from other devices (electric appliances, audio-video equipment, office automation equipment, etc.). Especially when using microwave oven, it may affect the terminal. Connection may not be established correctly, or noises on TV or radio may be generated.
- When there is a broadcasting station or wireless device nearby and surrounding radio wave is strong, the terminal may not be connected correctly.
- Radio wave emitted from Bluetooth devices may affect operations of medical electronics etc. Turn off the terminal and nearby Bluetooth devices in place such as train, airplane, hospital, place near automatic door or fire-alarm box, where flammable gas is generated such as gas station because it may cause an accident.
- You can connect Bluetooth device wirelessly even in a bag or pocket. However, blocking between Bluetooth device and the terminal by body may make the communication speed lower or cause noise.

■ Radio wave interference with wireless LAN


Because a Bluetooth device and wireless LAN (IEEE802.11b/g/n) use the same frequency band (2.4 GHz), if the device is used near a device with wireless LAN capability, radio wave interference may occur, and communication speed may be reduced, noise may occur, or connection may not be established. In these cases, do the following:

- Keep the terminal 10 or more meters away from wireless LAN devices.
- Within 10 m, turn off wireless LAN devices.

Turning ON Bluetooth function

- 1 From the Home screen,  → "Settings" → "OFF" in the "Bluetooth"

"ON" appears and Bluetooth turns ON.

 appears on the status bar.

Making the terminal visible

- 1 From the Home screen,  → "Settings" → "Bluetooth"

Bluetooth setting screen appears.


- 2 "huawei HW-03E"

"Not visible to other Bluetooth devices" appears under "huawei HW-03E" and countdown starts. After 2 minutes have passed, the terminal becomes invisible.

-  → Tap "Visibility timeout" to set time period for being visible.

Renaming the terminal

Change the terminal name shown on other Bluetooth devices' screens.

- 1 On the Bluetooth setting screen,  → "Rename phone"
- 2 Enter the terminal name → "Rename"


Pairing/connecting

Pair/Connect the terminal with other Bluetooth device to enable data communication.


Pairing/Connecting with other Bluetooth device

- 1 On the Bluetooth setting screen, "SEARCH FOR DEVICES"
Scanned devices are listed in the "AVAILABLE DEVICES" field.
- 2 Tap a device to pair/connect
- 3 Follow the onscreen instructions to pair/connect
Paired/Connected device name appears in the "PAIRED DEVICES" field.
 - Enter Bluetooth pass key (authentication code), if required. Entering the same pass key on the both devices which exchange data is required. For Bluetooth pass key, refer to the instruction manual of the device.

Unpairing/Disconnecting

- 1 Perform canceling operation on the Bluetooth setting screen
 - Unpairing Bluetooth device
 - ①  on the device name in "PAIRED DEVICES"
 - ② "Unpair"
 - Disconnecting Bluetooth device
 - ① Tap the device name in "PAIRED DEVICES"


Information

- For some devices, tap  to rename and change profile setting.

Sending/receiving data

- Turn Bluetooth function of the terminal ON and pair receiver's device beforehand.
- When a microSD card is installed to the terminal, all received data is saved in the microSD card. For information on how to install microSD card, see "Installing/Removing microSD card" (P.21).

Receiving data


- 1 Send data from the other party's device
- 2 When  appears on the status bar, open the notification panel → "Bluetooth share: Incoming file"

3 On the "File transfer" screen, "Accept"

Data communication starts.

When data is received,  appears on the status bar.

Information

- To view received file, open the notification panel → "Bluetooth share: Incoming file" → Tap the file or  on the Bluetooth setting screen → Tap "Show received files".

Sending data

You can send data such as Phonebook entries, still images, videos to another Bluetooth device.

1 From menu of applications, "Bluetooth"

2 Tap receiver's device

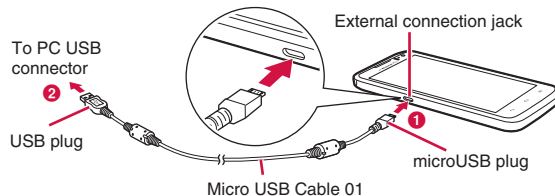
Data communication starts.

When data is sent,  appears on the status bar.

Connecting external device

Connecting a PC

Use Micro USB Cable 01 (optional) to connect the terminal and a PC.



1 Insert microUSB plug of Micro USB Cable 01 into the external connection jack of the terminal with USB mark side down horizontally (1)

2 Insert a USB plug of a Micro USB Cable 01 into the USB connector of a PC horizontally (2)

- The system requirements for available PC are as follows.

Item	Description
PC	PC-AT compatible PCs with USB ports equipped
OS	Japanese version of Windows 7 (32/64 bit), Windows Vista (32/64 bit), Windows XP (SP3 or later/32 bit)
Amount of memory*	64 MB or more (128 MB or more is recommended)

Item	Description
Available memory*	64 MB or more

*: Amount of memory and available memory required for operation are shown.

Using the terminal as a USB storage

Connect the terminal to a PC with Micro USB Cable 01 (optional) and send/receive data to/from the internal storage or microSD card.

- You can set connection method depending on specifications of a PC or purposes.
- If you select "HiSuite", "HiSuite" application is automatically installed to a PC. "HiSuite" setup wizard appears on a PC. You can install "HiSuite" application. For details on HiSuite, refer to the following website:
<http://www.huaweidevice.com/hi-suite> (Only in English/Chinese)

- 1 Connect the terminal and a PC with Micro USB Cable 01**
- 2 Select connection method from "Media device (MTP)"/"Camera (PTP)"/"Mass storage mode"/"HiSuite"**
- 3 Operate the PC to send or receive data to or from the internal storage or microSD card.**

Removing the terminal from the PC

■ When being connected by "Mass storage mode"

- 1 Perform USB safely remove on the PC**
- 2 Remove Micro USB Cable 01**

■ When being connected by other mode

- Make sure that data communication does not take place and remove Micro USB Cable 01.

■ Information

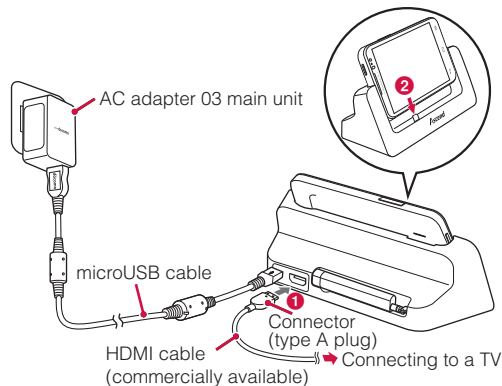
- While data communication takes place, do not remove Micro USB Cable 01. Doing so may damage data.

Connecting to a TV with HDMI cable

Use the desktop holder HW02 (optional) and commercially available HDMI cable to display photos or videos saved in the terminal on a TV.

- To connect the desktop holder and a TV using HDMI cable, use while charging the battery with using AC adapter and microUSB cable.
- Audio sound may not be output or image may not be viewed correctly depending on TV.
- When connecting the desktop holder and a TV with HDMI cable, you can switch audio output by Volume up/down key (⏮ / ⏭) on the terminal but cannot adjust audio volume. To adjust volume, operate on a TV.

<Connecting to a TV using the Desktop Holder HW02 (optional) and AC adapter 03 (optional)>



1 Insert microUSB plug of microUSB cable to the external connection jack of the desktop holder facing USB mark up

- Insert horizontally and slowly not to give excessive force to the plug of microUSB cable.

2 Inset USB plug of microUSB cable to USB connector of AC adapter horizontally, then inset the power plug of the AC adapter main unit

3 Insert connector (type A) of HDMI cable to HDMI jack of the desktop holder paying attention to the orientation (1), then connect the opposite connector to a TV

4 Install the terminal aligning the positions of the external connection jack and the charging jack of the desktop holder (2)

- The terminal is connected to a TV. For connecting/settings for removing or image display/operations, refer to the manual of TV. When connection is complete, view photos/play videos on the terminal.

5 When the operation is finished, remove the connector of HDMI cable from the TV

- When HDMI cable is removed, TV may keep being HDMI input mode. In that case, switch to input mode of terrestrial digital TV broadcasting etc.

Information

- When watching Mobacas/1Seg, receiving status may be affected. Receiving status may be better in the following methods.
 - Fully extend the antenna.
 - Keep the terminal away from TV as far as possible.
 - Keep HDMI cable connecting to TV away from the antenna as far as possible.
 - Change the orientation of the terminal or antenna.

dmenu

In dmenu, you can easily access sites recommended by DOCOMO or convenient applications.

1 From the Home screen, "dmenu"

- The browser activates and "dmenu" opens.

Information

- To use dmenu, Internet connection by packet communication (LTE/3G/GPRS) or Wi-Fi is required.
 - For connecting dmenu and downloading applications introduced in dmenu, packet communication charge is applied separately. Some applications automatically perform packet communications.
 - Applications introduced by dmenu may include charged ones.
-

dmarket

You can obtain useful and interesting contents which meet your needs at dmarket.

1 From the Home screen, "dmarket"

Information

- For details on dmarket, refer to NTT DOCOMO website.
-

Play Store

You can install applications available on Google Play to the terminal and use them.

- To use Google Play, setting up a Google account is required.




Installing applications

1 From the Home screen, "Play Store"

For the first activation, the terms of service appears. Read the content "Tap "同意する (Agree)".

2 Search an application, check content and install

Information

- Make sure to check the security of applications, then install ones at your own risk. The terminal may be infected with a virus and the data may be damaged.
- NTT DOCOMO is not liable for malfunctions, if any, caused by the application you installed. In such case, the repair is charged even during the warranty period.
- NTT DOCOMO is not liable for malfunctions, if any, caused by the application you installed.
- Some applications automatically perform packet communications. Packet communication remains connected unless you disconnect or timeout error occurs.
- Some applications automatically execute update process.
- For paid applications, you can request a refund within specified period after the purchase. For details,  → "Help" → "Android Apps" → See "Buy apps".
- To uninstall application,  → "My Apps" → Tap an application you want to uninstall → "Uninstall" → "OK"
- For details on Google Play, on the Google Play screen,  → "Help" to refer.

Osaifu-Keitai

Osaifu-Keitai is equipped with IC card and allows you to pay money or to use coupon or stamp rally only by holding the terminal over the IC card reader in stores etc.

You can access site or web site by holding the terminal over IC card reader, obtain the latest coupon by using communication, credit electronic money, or check the usage. In addition, you can lock your Osaifu-Keitai to provide against loss or theft, and you can use it with safe.

For details on Osaifu-Keitai, refer to "Mobile Phone User's Guide [sp-mode] smartphone version".

- A setting from the dedicated website or application is required to use Osaifu-Keitai compatible services.

Precautions on using Osaifu-Keitai

- The data (including electronic money, points, etc.) in the IC card may be lost or modified because of the malfunction of the terminal (When we take your Osaifu-Keitai for repair etc., as we cannot take it with data remained, you are required to erase the data by yourself). For support such as reissuance, restoration, temporary preservation or transfer of data, contact Osaifu-Keitai compatible service providers. For important data, be sure to use an Osaifu-Keitai compatible service with backup service.
- If the data in the IC card is lost, modified or damaged by any means related to Osaifu-Keitai compatible service such as malfunction or model change, DOCOMO assumes no responsibility for the loss of data.
- If the terminal is stolen or misplaced, immediately contact Osaifu-Keitai compatible service provider for an advice.

iC transfer service

The iC transfer service is a service which helps you transfer all data in the IC card for Osaifu-Keitai to your new Osaifu-Keitai when you change Osaifu-Keitai for repair, changing of the model. Visit a sales outlet such as docomo Shop to use the iC transfer service.

For details on iC transfer service, refer to "Mobile Phone User's Guide [sp-mode] smartphone version".

Using Osaifu-Keitai


1 From the Home screen, → "Osaifu-Keitai"

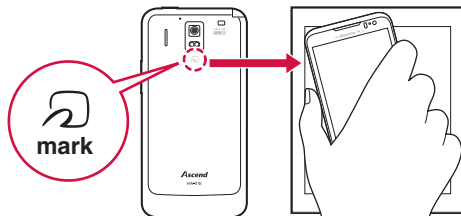
For the first activation, initial setting screen appears. Follow the onscreen instructions to make settings.






2 Select a service you want to use from the service list

Follow the onscreen instructions to make settings.

Hold Osaifu-Keitai over card reader

You can use Osaifu-Keitai by holding  mark over the card reader.



- Pay attention not to hit the terminal against the card reader when holding over  mark.
- Slowly put the terminal close to the card reader when holding  mark.
- Hold  mark horizontally over the center of the card reader. If the mark cannot be scanned even if you hold it in front of the center of the scanner, slightly lift up the terminal, or move it backwards/forwards or to the left/right.
-  mark sometimes cannot be scanned if there is a metal object between the mark and the scanner. Also, note that stickers or other objects near  mark might affect communications performance.

Locking Osaifu-Keitai function

You can lock Osaifu-Keitai function to prevent using related services.

1 From the Home screen, → "Osaifu-Keitai"

2 "Lock Settings" → "Osaifu-Keitai Lock"

3 Follow the onscreen instructions to set Osaifu-Keitai Lock password.

Osaifu-Keitai Lock activates and  appears on the status bar.

- Osaifu-Keitai Lock password is required to unlock.

Information

- To cancel Osaifu-Keitai lock, on the Osaifu-Keitai screen, "Lock settings" → "Osaifu-Keitai Lock" → Enter locking password → Tap "Continue" → "OK".
-

iDアプリ (iD application)

"iD" is a convenient electronic money by credit clearance scheme. You can enjoy shopping simply and conveniently only by holding Osaifu-Keitai with credit information set or the iD-compatible card over the IC card reader in stores. Because up to 2 types of credit information can be registered in Osaifu-Keitai, you can use them according to the benefits, etc. It also supports cashing, depending on the card issuer.

- To use "iD" with Osaifu-Keitai, subscribing to a card issuer that supports iD, settings for iD application are required.
- The charges required for iD service (including the annual charge) vary by card issuer.
- Packet communication charge is applied separately.
- A packet communication fee for overseas use differs from the one in Japan.
- For details on iD, refer to iD website (<http://id-credit.com/> (in Japanese only)).

ToruCa

ToruCa is an electronic card that can be obtained to mobile terminals. It can be obtained from the IC card reader or site as store information, coupon ticket, etc. Obtained ToruCa is saved to

the "ToruCa" application. Use the "ToruCa" application to view, search or update it.

For details on ToruCa, refer to "Mobile Phone User's Guide [sp-mode] smartphone version".

Information

- For obtaining, displaying or updating ToruCa, a packet communication charge may be applied.
 - Some ToruCa provided to i-mode terminal may not be obtained/displayed/updated.
 - Depending on the settings of IP (Information Provider), the following functions may not be available.
 - Obtaining, updating from the IC card reader, sharing ToruCa, moving/copying to microSD card, displaying map
 - Some ToruCa which can be displayed in a map from ToruCa (details) may not be displayed in a map from the ToruCa list depending on the IP settings.
 - While using Osaifu-Keitai lock settings, you cannot obtain ToruCa with an IC card reader.
 - If you enable 重複チェック (Duplication check), obtaining the same ToruCa as the saved one redundantly is not available. To obtain the same ToruCa redundantly, disable Duplication check.
 - When you send ToruCa attaching to email, it is sent in the condition before obtaining ToruCa (details).
 - Depending on email application, ToruCa received via email may not be saved.
 - Depending on browser, ToruCa cannot be obtained.
 - When ToruCa is moved/copied to the microSD card, it is moved/copied in the condition before obtaining ToruCa (details).
 - You may not be able to obtain ToruCa with an IC card reader, if you do not make initial setting for Osaifu-Keitai.
-

Mobacas

Mobacas is a broadcasting service for smartphones. You can use two watching styles. One of the two is "Real Time" (broadcasting in real time style) that allows you to watch programs in real time. The other one is "Shift Time" (broadcasting in storage style) that allows you to enjoy comic, novels, music, games, etc. as well as movies and dramas anytime and anywhere. Also, you can enjoy new broadcasting services such as the collaboration with social services using the communication function of the terminal.

For details on Mobacas, refer to the Mobacas broadcast station website.

NOTTV <http://www.nottv.jp/> (In Japanese only)

■ Using Mobacas

- A separate pay-TV subscription to the Mobacas broadcast station (NOTTV) is required to use Mobacas.
- You cannot receive and watch broadcasts without the docomo mini UIM card being attached the terminal.
- Mobacas is a broadcasting service provided in Japan.
- A microSD card is required to use Shift Time. Use Class 4 microSD card or faster.

■ Broadcast wave and service area

The radio wave received via Mobacas differs from that of received via FOMA service and 1Seg. For this reason, the signal cannot be received at places where the broadcast does not reach or while broadcasting is out of service, regardless of whether the terminal is outside or inside the FOMA service area.

Also, in the following places, the signal status may become weak or the signal may not be received even if the terminal is inside the area of Mobacas broadcasting service.

- Places that are far from the base station that sends signal
- Places where the signal is disrupted due to the landscaper or structures such as mountain areas or behind buildings
- Places where the signal is weak or does not reach, such as tunnels, basements, or places inside buildings

■ Improving reception status

- Fully extend the 1Seg/Mobacas antenna.
- Changing the direction of the 1Seg/Mobacas antenna or moving to other location may improve signal reception.
- For 1Seg/Mobacas antenna, see "1Seg/Mobacas antenna" (P.128).
- If you use earphones, you can use supplied Earphone adapter cable with antenna as an antenna. For information on how to connect, see "Connecting earphone microphone" (P.20).

Watching programs/contents

1 From the Home screen, → "NOTTV"



NOTTV home screen appears.

- For the first activation, confirmation screen for initial setting appears. Read the content → Tap "同意する (Agree)" to make initial setting.
- Make initial settings under a good communication condition.

2 "すぐ見る (Watch now)"

3 Select a program/content

Mobacas watching screen appears.

- To adjust volume, press .
- To set subtitles and sound, tap  → "設定 (Settings)" → "表示・音声 (Display/Audio)".



Mobacas watching screen (portrait view)



Mobacas watching screen (landscape view)

- 1 Content display area
 - Swipe left and right to select a channel (when watching in real time).
 - Tilt the terminal horizontal to switch the screen.
- 2 Social button
 - Displays a timeline related to programs/contents.


Information

- Displayed content varies depending on the program/content.

Searching programs/contents

You can search programs/contents within the application by various methods.

Searching from program guide (Real time)

- 1 On the NOTTV home screen, "番組表 (Program guide)"
Real time program guide (radio and television program table) appears.
 - Tap  to switch to the list-format program table.

2 Tap a program

Searching by specifying conditions

- 1 On the NOTTV home screen, "すべて (All)"
- 2 Tap an item
- 3 Tap a program/content

Reserving reception

- 1 On the NOTTV home screen, "すべて (All)"
- 2 "コンテンツ予定表 (Contents schedule)"
The list of contents that will be broadcast appears.
- 3 Tap a content you want to schedule
- 4 "受信予約する (Reserve reception)"

Information

- Contents may not be received in the following condition.
 - The terminal is powered OFF at a scheduled time.
 - Remaining battery is insufficient.
 - Out of Mobacas broadcasting area
 - microSD card is not inserted or available memory is insufficient.
- If contents are temporarily saved on a microSD card, you can use them only on the terminal in use.
- If expiration date has passed for a content, the content is automatically deleted from the microSD card. You can also delete contents in your operation if the expiration date has not passed.
- Contents may be automatically reserved even when you have not reserved.
- You can disable automatic reservation function.
- Depending on the signal reception, content data may not be received. In that case, packet communication is automatically used to compliment data. The function automatically complimenting data by packet communication can be disabled in settings.

Mobacas setting menu

On the NOTTV home screen,  → Tap "設定 (Settings)" to show the following menu items.

	Item	Description
表示・音声 (Display/ Audio)	字幕表示 (Subtitle)	Set subtitles.
	文字スーパー表示 (Show telop)	Set whether to show telop.
	音声 (Voice sound)	Switch main sound and sub sound.
	明るさ調整 (Adjust brightness)	Adjust screen brightness.
自動処理 (Auto process)	自動受信 (Auto reception)	Enable/disable automatic reception of contents.
	おすすめのリ セット (Reset recommended)	Reset recommended programs and contents.
	番組・コンテン ツ情報取得 (Obtain program/ content information)	Set period of time to obtain program/ content list information.

Item	Description	
自動処理 (Auto process)	自動コンテンツ 補完 (Auto complement)	Set whether to automatically complement data using packet communication when contents are not completely received because of the reception status of broadcast wave etc.
	利用ログ送信 (Send using history)	Set whether to send using history.
	自動ライセンス 取得 (Auto licence acquisition)	Set whether to automatically acquire licenses of contents.
	ペアレンタルコ ントロール (Parental control)	Restrict usage of programs/contents according to age.
ブラウザ (Browser)	Set Cookie and data broadcasting.	
履歴 (History)	Show histories.	

1Seg

1Seg is a terrestrial digital TV broadcasting service for mobile devices, and can receive data broadcasts with image and voice. It also allows you to obtain more detailed program information, participate in quiz programs, and do shopping on TV with ease. For details on the "1Seg" service, check the following website: The Association for Promotion of Digital Broadcasting <http://www.dpa.or.jp/english/>

Using 1Seg

1Seg is a service provided by TV broadcasters (broadcast stations), etc. Transmission charges are not incurred for receiving images, voice and sound. For details on NHK viewing fees, contact NHK.

Available information in the area of data broadcasting is "data broadcasting" and "data broadcast site" information. "Data broadcasting" information is carried in a broadcast, together with images, voice and sound, and "data broadcasting site" information is used to access sites provided by the TV broadcaster (broadcast station).

Packet communication charge is applied when accessing a site such as a "data broadcasting site" or others.

- Some sites require information charges to be used.

About signal

1Seg is one of the broadcasting services, and the receiving signal (broadcast) differs from that of the FOMA service. For this reason, the signal cannot be received at places where the broadcast does not reach or while broadcasting is out of service, regardless of whether the terminal is outside or inside the FOMA service area.

Also, in the following places, the signal status may become weak or the signal may not be received even if the terminal is inside the area of a terrestrial TV broadcasting service.

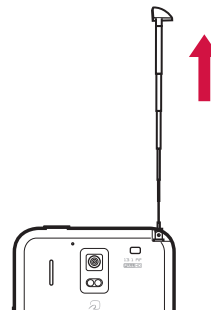
- Places that are far from the broadcast transmission tower
- Places where the signal is disrupted due to the landscaper or structures such as mountain areas or behind buildings
- Places where the signal is weak or does not reach, such as tunnels, basements, or places inside buildings

1Seg/Mobacas antenna

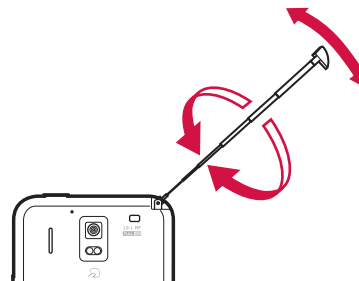
For good signal reception, fully extend the 1Seg/Mobacas antenna.

Changing the direction of the 1Seg/Mobacas antenna or moving to other location may improve signal reception.

- Fully extend the 1Seg/Mobacas antenna until it fixes.



- 1Seg/Mobacas antenna can be rotated by 360 degrees. Adjust the direction of the antenna to improve reception condition.



1 TV image area



- Tap the screen to show TV operation panel.
- Swipe to the left or right to switch channels.
- Touch and hold the screen to show channel list.

2 Subtitle area

3 Data broadcasting area

4 Data broadcasting operation button

5 TV operation panel



Checking name of program and station, recording watching program, switching channels, etc. are available. Tap  /  to show/hide operation buttons.

Menu on the 1Seg watching screen

Tap  on the 1Seg watching screen to show the following menu items.

Item	Description
Program guide	Show program guide.
Reservation list	Set timer recording/watching (P.131).
Change area	Switch watching area.
Subtitle/Sound	Set subtitles and sound.
Settings	Make 1Seg settings (P.132).

Information

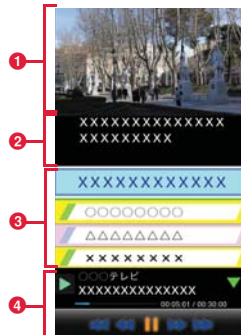
- To end the application from the 1Seg watching screen, tap . When you tap  and return to the Home screen or display menu, receiving 1Seg broadcasting is not ended ( appears on the status bar).

Playing recorded programs

1 From the Home screen,  → "TV"

2 "Playback Recorded Program"

3 Tap a program you want to play



Playing screen







1 Recording image area

- Tap the screen to show recording operation panel.

2 Subtitle area


3 Data broadcasting area

4 Recording operation panel

- Tap  /  to show/hide operation buttons.
-  /  : Pause/Play
-  /  (during playback) : Fast rewind/Fast forward (each time you tap, speed increases)

- ◀◀ / ▶▶ (during playback) : Turn back approx. 15 seconds/Skip approx. 30 seconds
- ◀◀◀ / ▶▶▶ (during pause) : Frame-by-frame rewind /Frame-by-frame advance



Menu on the playing screen

Tap  on the playing screen to show the following menu items.

Item	Description
Property	Show detailed information for recorded data.
Subtitle/Sound	Set subtitles and sound.
Settings	Make 1Seg settings (P.132).

Setting timer recording/watching

You can schedule recording and watching 1Seg programs. Also setting to notify by an alarm on a specified date and a time is available.

- From the Home screen,  → "TV"
- "Reserve Recording/Viewing"
-  → "Reserve new recording" → "Viewing reservation"/"Recording reservation"
- Set required items → "Save" → "YES"

Scheduled programs appear in the schedule list.

■ Setting schedule notification

-  → "Reservation notice" → Tap a notification method

■ Checking/Editing/Deleting scheduled programs

- Tap a program
-  → "Edit"/"Delete"

■ To check failed reservation result

-  → "Failed Reservation List"



■ Checking available memory in a microSD card

-  → "Remaining memory"



■ Information

- Even if "Vibration" is set in "Reservation notice", the terminal does not vibrate when the setting of "Vibration when ring" (P.102) is set to OFF. To enable notification by vibration, set "Vibration when ring" to ON.
- To switch channels while viewing watching-reserved program, end watching the program once and then activate the TV.

Set programs using program table

- From the Home screen,  → "TV"
- "Program guide"
"Gガイド番組表 (G-GUIDE program table)" application activates.
- Tap a program to schedule → "ワンセグ連携 (Link 1 Seg)" → Select an item
 - For detailed operations, on the Gガイド番組表 (G-GUIDE program table) screen,  → "その他の設定 (Other settings)"/"その他 (Others)" → "ヘルプ (Help)" to refer.

■ Information

- While recording/viewing reserved program and when the operation is complete,  /  appears on the status bar respectively.

Using TVlink

For some data broadcasting programs, link information to related websites can be saved as TVlink. You can use saved TVlinks later.

- Procedure to save TVlink varies by the program.

1 From the Home screen,  → "TV"

2 "TV Link"

3 Tap a TV link

■ **Deleting TV link**

- ① Touch and hold TV link → "Delete"

Setting 1Seg

Make settings for using information, off timer, etc.

1 From the Home screen,  → "TV"

2 "Settings"

3 Set each item

	Item	Description
Data Broadcasting settings	Confirm connection	Set whether to show confirmation messages when connection is required.
	Use location info	Set whether to use location information.
	Use phone info	Set whether to use terminal information.
	Delete station data	Delete station memory.
Sleep Timer		Set time before 1Seg automatically ends.
Product Information		Show product information of the application.

Before using the camera

- Although the camera is manufactured using extremely high-precision technology, it may contain dots or lines that are always lit or that do not light. When shooting under low light conditions, in particular, white lines, etc. are likely to appear as noises. This is not a malfunction
- Clean the terminal with a dry soft cloth before shooting. Fingerprints or body oil on the lens can affect images.
- Leaving the terminal in sunlight or in a high-temperature place may deteriorate image quality.
- The captured images may be different from actual objects for color and brightness.
- If you try to shoot an intense light source like the sun, a lamp, etc., shot images may be dark or noisy.
- Hold the terminal steadily when shooting. Moving the terminal while shooting cause noise in images.
- Keep the finger or hair out of the lens when shooting.
- Using the camera increases the battery consumption. If you try to shoot when battery is low, the screen may become dark or affect images.
- If you activate the camera for a long time when shooting still images continuously or shooting a video for a long time, for example, the terminal may become hot and the camera may automatically end. This is not a malfunction. Wait a while and use again.
- Even in Silent mode, shutter sound for still image shooting, start shooting sound and stop shooting sound for video shooting are emitted.

Copyrights and portrait rights

Taken pictures and recorded sounds by the terminal are not allowed to use without the copyright holders authorization except for personal use etc. They are protected by the Copyright law. Avoid using or altering pictures of others without their consent, because it may infringe on portrait rights. Be careful not to infringe the Copyright law or portrait rights when publishing shot images on your website etc. Note that taking photos or recordings at some demonstrations, performances or exhibitions may be prohibited even when only for personal use. Transferring copyrighted images is prohibited except for using them only to the extent allowed by the Copyright law. If you cause the public any trouble using the terminal, you may be punished under law or regulations (for example, nuisance prevention ordinance).





Take care not to infringe on privacy when shooting or sending images with the phone equipped with camera.

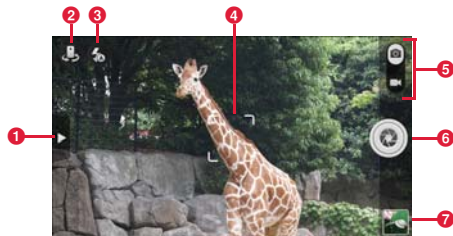
Activating the camera

1 From the Home screen, → "Camera"

The shooting screen appears.

- To end the camera, on the shooting screen tap  / .

Shooting screen



Shooting screen (still image)



Shooting screen (video)

1 Menu

Tap to show the menu items for the shooting screen (P.135).

2 Selecting camera

Switch back camera (out camera)/front camera (in camera).

3 Flash mode

Switch flash mode.

4 Focus frame

Tap the shooting screen to show focus frame. Drag to the position you want to focus and lift your finger. The object is focused on and the focus frame turns to green from white (only when shooting still pictures with out camera).

5 Shooting mode

Drag the slider up/down to switch shooting mode (still image shooting/video shooting).

6 Shutter

Shoot still images or start/stop recording video.

7 Thumbnail

Open Gallery to check still images/videos.

Tap  to go back to the shooting screen.

8 Recording time of video



Show recording time.

Information

- Icons shown on the shooting screen rotate depending on the orientation of the terminal.
- Setting items vary depending on the shooting mode.

Shooting still images

1 Display an object on the still picture shooting screen

Press  /  to zoom in/out.

2 Tap the shutter

Shutter sound is heard and a still image is saved.

Shooting videos

1 Display an object on the video shooting screen

Press / to zoom in/out.

2 Tap the shutter

Start shooting sound is heard and a shooting video is started.

3 Tap the shutter to stop shooting

Stop shooting sound is heard and a video is saved.

Information

- Available shooting time differs depending on the available memory in the microSD card and internal storage.




Menu on the shooting screen

Tap on the shooting screen to show the following menu items.





- Displayed menu items differ between the in camera and out camera.

For still images

Icon/Item	Description
	Single Set to normal shooting mode.
	Instant Capture Set a mode to shoot image immediately by tapping shutter (Burst function).
	Group Set to suitable shooting mode for shooting several people. 5 consecutive pictures are taken by 1 click of shutter. Select the best expression, etc. for each object from the 5 pictures and combine them to save a photo. <ul style="list-style-type: none">• Select one of 5 images on the preview screen → Tap the white frame shown on the object (face, etc.) → Tap a round frame shown on the zoomed part and select one of 5 images → → Select another object and then repeat same operations → Tap to save combined image.
	HDR Set to HDR (High Dynamic Range) shooting mode.
	Burst Set to the mode in which 10 consecutive pictures are taken by 1 click of shutter. All 10 pictures are saved.
	Smile Set to Smile mode which starts detecting smile by tapping the shutter and then shooting automatically when it is detected. <ul style="list-style-type: none">• While smile is detected, the terminal shoots continuously. To end shooting, tap the shutter again.
	Beauty Set to the mode which makes skin beautiful.
	Panorama Set to panorama mode.
	Low light Set to the mode suitable for shooting under poor lighting conditions.

Icon/Item	Description	
	Set effects.	
	Set to convert images.	
	Scene type	Set scene mode.
	White balance	Set white balance.
	ISO	Set ISO.
	Image adjustments	Set exposure, intensity, contrast, screen brightness.
	Timer	Set self-timer.
	Review	Set time for displaying preview screen after shooting. While displaying preview screen, sharing, setting for, and deleting shot still image.
	Picture quality	Set image quality.
	Picture size	Set picture size.
	Wide screen	Set whether to use wide screen.
	Auto focus	Set whether to activate auto focus.
	Face detection	Set whether to activate face detection.
	Red eye reduction	Set whether to use red-eye reduction.
	HDR	Set whether to save both HDR (High Dynamic Range) image and original image for HDR shooting.
	Grid	Set whether to show grid.
	GPS tag	Set whether to add location information to shot still images.
Preferred save location	Set saving location for shot still images.	
Restore defaults	Restore the settings to default.	

■ For videos

Icon/Item	Description	
	Set resolution.	
	Set white balance.	
	Set to convert images.	
	Review	Set time for displaying preview screen after shooting. While displaying preview screen, sharing, playing, and deleting shot video.
	Video quality	Set image quality.
	GPS tag	Set whether to add location information to shot videos.
	Preferred save location	Set saving location for shot videos.
	Restore defaults	Restore the settings to default.

*: When the terminal is rotated to right to landscape view, menu displayed by tapping icon locates in the same position as portrait view.

Gallery

Play still images/videos shot by the terminal and downloaded data. Also, editing still images and sharing still images/videos are available.

- In Gallery, you can play data stored in the microSD card or internal storage.
- File extensions supported by the terminal are as follows. However, some files may not be available.

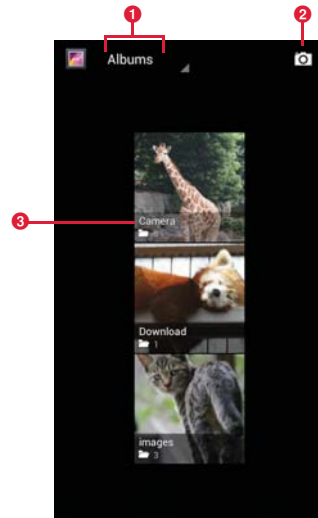
Type	Extension
Still images	jpg, png, bmp, wbmp, gif
Videos	mp4, 3gp, 3g2, avi, mkv, webm

* GIF animation is not supported.

Opening Gallery

1 From the Home screen, → "Gallery"


The album list screen appears.





Album list screen

- 1 Split files into folders by selected theme.
- 2 Activate the camera.
- 3 Show folder names for selected theme.

Menu on the album list screen

Tap  on the album list screen to show the following menu items.

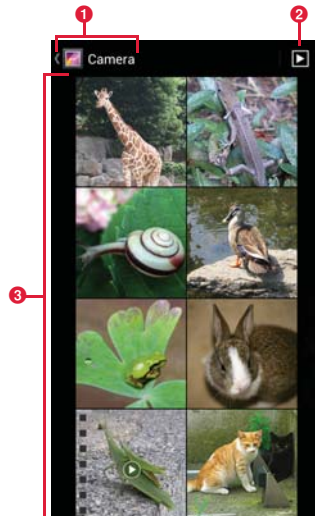
Item	Description
Select album/Select group	<p>Tap to select several folders to share or delete them.</p> <ul style="list-style-type: none">• Tap "0 selected" → "Select all" to select all folders.• Tap  to share data in the selected folders on Picasa or via Bluetooth, mail, etc.• Tap  to delete or check details of data in the selected folders.

Information


- Alternatively, touch and hold folders one by one on the album list screen to select several folders.
- Depending on types of data, some applications to use for sharing may not appear.

Playing still image/video

1 Tap a folder to play on the album list screen



Thumbnail screen


- 1 Show current hierarchy of folders. Tap  to show upper tier.
- 2 Show slideshow of images in a folder.
- 3 Still images/videos are shown as thumbnail images. Tap a thumbnail image to play. Slide left/right to scroll through the screen.

2 Tap a still image/video




Icons appear on the screen then you can perform the following operations.

- Depending on the terminal state, selection screen for application to use may appear. Different icons may appear if other application is selected.

■ Playing still images

Icon	Description
	Create memos, share still images on Picasa or via Bluetooth or mail.


■ Playing videos (When selecting "Movies")




Icon	Description
	You can share videos on YouTube, Picasa or via mail.
	Play or pause.
	Drag left or right to rewind or forward.

■ Information

- Hidden icons reappear when tapping the screen.
- For still images, use the touch panel to perform the following operations.
 - Swipe left/right : Show previous/next still image/video
 - Double-tap : Zoom in/out
 - Pinch-in/-out : Zoom out/in

Menu on the thumbnail screen


Tap  on the thumbnail screen to show the following menu items.

Item	Description
Selecting an item	Tap to select several thumbnails to share, delete, or rotate them. <ul style="list-style-type: none">• Tap "XX selected" → "Select all" to select all thumbnails.• Tap  to create memos from selected data or share data on Picasa or via Bluetooth, mail, etc.<ul style="list-style-type: none">* Depending on terminal condition, items in  menu appears by icons.• Tap  to edit, rotate, crop, delete selected data, etc.
Group by	Group images in a folder by specified theme.

■ Information

- Alternatively, touch and hold thumbnails one by one on the thumbnail screen to select several thumbnails.
- Depending on types of data, some applications to use for sharing may not appear.

Menu on the playing screen


Tap  on the playing screen to show the following menu items.

- Displayed menu items differ between still images and videos.







Item	Description
Delete	Delete still images/videos.
Slideshow	Show slideshow of images in a folder. Tap an image to stop slideshow.
Edit	Edit still images (P.140).
Rotate Left	Rotate a still image to the left at 90 degree.
Rotate Right	Rotate a still image to the right at 90 degree.
Crop	Crop still images.
Set picture as	Set a still image as wallpaper or contact picture.
Details	Show detailed information of a still image/video.

Editing still images

1 Tap a still image in the thumbnail screen

2  → "Edit"

3 Edit image using icons

Item	Description
	Undo editing operation which has been done and return to the previous status.
	Redo canceled operation.
	Adjust brightness, set highlight, shadow, auto correction.
	Set expression method.
	Add color effect and graffiti.
	Crop, reduce red eye, correct tilt, rotate, invert, or set sharpness.

4 "Save"

Media Player

You can use the Media player to play music/video stored in the microSD card or internal storage and use contents from stores in dmarket.

- For details on how to save music/video files to the microSD card or internal storage from a PC, see "Connecting to a PC with USB cable" (P.117).
- File formats supported by the terminal are as follows. However, some files may not be available.

Type	File format
Music	AAC, HE-AAC v1, HE-AAC v2, MP3, MIDI
Videos	H.263, H.264, MPEG-4, DivX, VP8

Playing music/video

1 From the Home screen, → "Media Player"

The data list screen appears.

2 Tap an icon at the bottom of the screen

- Tap "Songs"/"Artists"/"Albums" to play music.
- Tap "Movies" to play video.
- Tap "MUSIC/VIDEO Store" to activate dmarket and you can use music/video contents in stores.

3 Tap a song or video


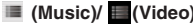






Selected song/video is played.

Information

- Contents protected by Digital Rights Management (DRM) technology may not be able to be played if "Factory data reset" is performed.

Operations on the music/video playing screen

- When the icon is off, tap the screen to display.


Icon	Description
	Show current playback position. Drag left and right to change playback position.
	Show data list screen.
	Play or pause.
	Tap to skip the beginning of data/next data.
	Show sound volume. Drag left and right to change playback volume.
	Set repeat mode (Repeat OFF/Repeat ALL/Repeat).
	Enable/disable shuffle play.
	Set whether to automatically rotate screen orientation.

*1 Appears only on the music playing screen.

*2 Appears only on the video playing screen.

Using play list

Use play list to play songs in your desired order.

- To create a play list, show "Play list" icon at the bottom of the screen.  → Tap "Settings" → "Arrange icons" then drag the "Play list" icon to any of icons shown at the bottom of the screen → Tap "Apply".


Create a play list

- 1** On the data list screen, "Play list"
- 2** "Create new " → Enter a title → "OK"
- 3** "Add songs to playlist" → Select songs
 - Tap "Artists"/"Albums" to search from artists or albums.
- 4** "Apply" → "Save" → "OK"

Playing/Editing/Deleting a play list

- 1** On the data list screen, "Play list"
 - **Playing a play list**
 - ① Tap a play list you want to play
 - ② Tap a song
 - **Editing a play list**
 - ① Tap a play list you want to edit
 - ② "Edit"
 - ③ Edit title, add/delete songs, change order, etc.
 - **Deleting a play list**
 - ① On the play list screen, "Edit"
 - ② Tap a play list you want to delete → "Save" → "OK"

Menu of the Media Player

Tap  on the data list screen or playing screen of the Media Player to show the following menu items.

- Available menu options vary depending on screens.

Item	Description	
Settings	Audio effect settings	Set effects.
	Ringtone settings/This song : Ringtone settings	Set as ringtone.
	Movie sort settings	Set sorting methods for videos.
	Delete contents	Delete songs/videos.
	Arrange icons	Change icons at the bottom of the data list screen.
	Update database	Update data list.
	Reset settings	Reset settings.
	Sort	Change data order.
Switch display	Switch list view/thumbnail view of data.	
Search	Connect dmenu to search.	
Help	Show Media Player Help.	
About	Show detailed information of Media Player.	
About contents	Show detailed information of playing content.	
Exit	End Media Player.	

YouTube

YouTube is an online video streaming service. You can play videos and upload videos to this service.

Playing videos

1 From the Home screen, → "YouTube"

YouTube screen appears.

2 Search a video → Tap a video to play

The playing video screen appears.

- Tap the playing video screen to stop playing/play.

Information

- Rotate the terminal sideways to show video in full screen landscape mode.
- Available functions on the terminal may differ from ones for YouTube on PC websites.

Posting videos

You can post videos to YouTube from the terminal.

- To post a video, sign in to YouTube with a Google account or YouTube account.

1 Tap an account name at the left of the screen

- When a video list screen appears, tap "YouTube" icon on the upper left
→ Account name.

2 "Uploads" → → Tap an application from which you select video

3 Tap a video to post

- If YouTube user name creation screen appears, operate according to the onscreen instructions.

4 Enter/Set required items → "Upload"

Uploading starts.

GPS/Navigation

Using the GPS function

- Note that DOCOMO is not liable for any damages that may occur as a result of irregularities in the GPS system.
- Note that DOCOMO is not liable for pure economic loss if you cannot confirm the positioning (communication) result with the terminal because of failure, malfunction or external factors such as power failure (including battery exhaustion).
- You cannot use the terminal as a navigation system for aircraft, vehicles, persons, etc. For this reason, note that DOCOMO is not liable for losses incurred by navigation performed by using location information.
- You cannot use the terminal as a high-accuracy measurement GPS. Note that DOCOMO shall have no liabilities whatsoever even if you suffer damage or loss due to a deviation of the location information.
- GPS is operated by the U.S. Department of Defense. The department controls the accuracy of the system, and manages the system. Therefore, GPS radio wave condition may be controlled (degradation of accuracy, suspension of radio wave transmission, etc.) at the discretion of the U.S. Department of Defense.
- Wireless communications products (mobile telephones, data detectors, etc.) might interfere with satellite signals and cause signal reception to become unstable.
- The displayed map based on the acquired location information (latitude and longitude information) may be inaccurate because of the legal system in each country and area.

■ Where radio waves are difficult to receive

Note that since GPS is using radio waves for satellites, under the following conditions, radio waves might not be able to be received or might be difficult to receive.

- Inside or immediately under a building
- Inside a basement or tunnel, and below the ground or water
- Inside a bag or box
- In buildings-clustered or residential area
- Inside or under a thick covering of trees
- Near a high-voltage cable
- In a car, inside a train compartment
- Bad weather such as heavy rain or snow
- When there are obstructions (people or objects) near the terminal

Enable location information

To use applications requiring location information, set to use GPS function or set to detect location information using Wi-Fi/mobile networks. Enabling both functions helps to detect more accuracy location information.





1 From the Home screen,  → "Settings"

2 "Location services"

3 Mark items

Item	Description
Google's location service	Detect location information using Wi-Fi/mobile networks data.
GPS satellites	Detect location information using radio wave sent from GPS satellites <ul style="list-style-type: none">• Using this function increases power consumption. To reduce battery consumption, unmark the checkbox.

Item	Description
GPS LED reminder	Set whether to flash LED while using GPS satellites.
GPS sound reminder	Set whether to emit alert sound while using GPS satellites.
Location & Google search	Set whether to allow Google to use location information.

Icon/Item	Description
	Use Google+Local (P.147).
	Use layer function (P.146).
	Show current location.
	While viewing current location, show the map with north/direction to which you face up.

Using Google Maps

Use Google Maps to check current location or search location. Also using Google Maps, you can access following applications.

- Google Latitude (P.147)
- Google Maps Navigation (P.147)
- Google+Local (P.147)



Information

- To use Google Maps, a network connection via LTE/3G/GPRS network or Wi-Fi is required.
- In some areas, part of functions may not be available.

1 From the Home screen, → "Maps"

Map screen appears.

- Tap an icon/item to perform following operations.

Icon/Item	Description
Maps	Use Google+Local, Google Map Navigation, My Places, check location history, etc.
	Enter text to search on the map.
	Show routes to the destination (P.146).

Information

- On the map screen, use the touch panel to perform the following operations.
 - Slide : Scroll the map to show other area
 - Touch and hold : Show address in a call-out
 - Pinch-in/-out : Zoom out/in the map
 - Double-tap : Zoom in the map
 - Tap with 2 fingers in the same time : Zoom out the map
 - Drag down with 2 fingers : Tilt and show the map in 3D
 - Drag with 2 fingers to rotate the screen : Rotate the map
- Touch and hold the map and tap a call-out to show the information screen which allows you to check detailed information, save to "STARRED", etc.

Viewing Street View

1 Touch and hold a location on the map → Tap a call-out



- If a notification screen appears, tap "OK".
- Street View does not cover some areas.

Using layer function

You can add traffic information on the map and switch to aerial photograph.

1 On the map screen,

2 Tap an item

- Displayed menu items differ depending on conditions and areas.

Item	Description
Traffic	Check real-time traffic information.
Satellite	Switch to aerial photograph.
Terrain	Switch to topography of the land surface.
Transit Lines	Show route map on the map screen.
Latitude	Join Google Latitude.
My Maps	Show My map (a map created by yourself).
Wikipedia	Show Wikipedia information icons () on the map.

Information

- Provided aerial photographs are not real-time images.
- In some areas, traffic information, rout map, etc. may not be available.

Searching routes

Set start point and end point to check route.

1 On the map screen,

2 Enter start point in "My Location"

3 Enter end point in "End point:"

- → Tap "Reverse Start & End" to switch start point and end point.
- Tap to set locations from contacts, points on the map, My Places.

4 Tap transportation (/ /) → "GET DIRECTIONS"

Routes appear.

Menu on the map screen

Tap on the map screen to show the following menu items.

Item	Description
Clear Map	Restore the map data to default.
Make available offline	Download specified area map to use.
Settings	Sign in or switch to Google account, make cache settings, check various information, etc.
Help	Show Help.

Using Google Latitude

Check where friends are on the map and share location information via Bluetooth or mail, etc. Also, routes to places where friends are can be searched.


- To share location information, you need to join Latitude and invite friends who give you their location information, or to receive an invitation from them.

1 From the Home screen, → "Latitude"

Latitude screen appears.

2 "MAP VIEW"

Information

- For details on Latitude, on the Latitude screen,  → Tap "Help" to check Help.
-

Using Google Maps Navigation

Check routes toward destinations using navigation function.

1 From the Home screen, → "Navigation"

- For the first activation, a message appears. Check the content "Tap "Accept".
- When a confirmation screen for location information settings appears, tap "OK" and then enable scanning location information (P.144).


2 / → "Car"/"Walk"

3 "Type destination" → Enter destination → Tap destination from displayed locations.

Routes appear.

- Alternatively, tap "Speak destination" and speak a destination.
- You can search for an address saved in STARRED or Contacts by swiping left or right.

Information

- For details on Google Maps Navigation, on the navigation screen,  → Tap "Help" to check Help.
-

Using Google+Local

You can search for restaurants, hotels, etc. in the vicinity of your current location.

1 From the Home screen, → "Local"

The category list screen appears.

- Alternatively, on the map screen, 



2 Tap a category

Information searched by the selected category is listed.

3 Tap information to check

Detailed information appears. You can check, share detailed information and save to STARRED, etc.

Information

- Tap  on the category list screen to search by keyword.
- To add categories, on the category list screen,  → "Add a search" → Tap category to add. You can also enter a new category name.

- On the information list screen, tap "MAP VIEW" to show information on the map.
-

Clock

Check time and set alarm.

- 1 From the Home screen,  → "Clock"



Desk clock screen

- 1 Show current date and time.
- 2 Tap to show alarm setting screen. If alarms are set, closest alarm time appears.

Information

- Tap the screen to darken the screen. Touch and hold the screen to show the clock in full screen (blue text for date and time on black background).

Setting alarm

1 On the desk clock screen, "Set alarm"

The alarm setting screen appears.

2 "Add alarm"

3 Set required items


Item	Description
Turn alarm on	Activate/Deactivate alarm.
Time	Set time.
Repeat	Set to repeat.
Ringtone	Set alarm sound.
Vibrate	Activate/Deactivate vibration.
Label	Enter message which appears at the alarm time.

4 "OK"

An alarm is added to the alarm setting screen.

 appears on the status bar.

Information

- Mark/Unmark alarm on the alarm setting screen to set alarm ON/OFF.
- On the alarm setting screen,  → Tap "Desk clock" to return to the desk clock screen.

When sounding alarm

When set alarm time comes, alarm sounds and alarm screen appears. Tap "Snooze" to stop alarm and sound alarm again later. Tap "Dismiss" to cancel alarm.

Information

- If set alarm time comes while the terminal powered OFF, the terminal automatically turns ON with Airplane mode set.

Editing/Deleting alarm setting

1 Tap an alarm to edit/delete on the alarm setting screen

2 Edit/Delete alarm setting

■ Editing alarm setting

① Edit setting → "OK"



■ Deleting setting

① "Delete" → "OK"

Making alarm basic settings

1 On the alarm setting screen,  → "Settings"

2 Set required items

Item	Description
Alarm in silent mode	Set whether to sound alarm in Silent mode.
Alarm volume	Set alarm volume.
Snooze duration	Set snooze duration.
Auto-silence	Set time at which alarm automatically mutes.
Volume buttons	Set action when  /  is pressed while alarm is sounding.
Set default ringtone	Set alarm sound.

Calendar

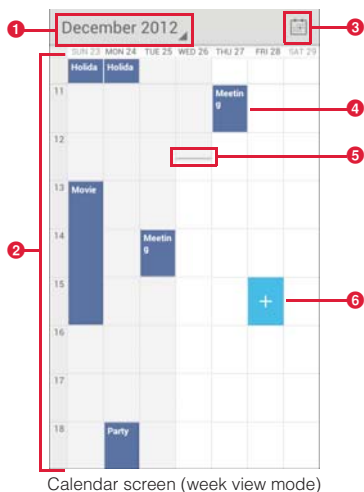
Use calendar to manage schedule. Also, the terminal's calendar can be synchronized with Google Calendar, etc. on the web.

Using calendar

Operations for using calendar from "Calendar" application are described here.

Showing calendar

1 From the Home screen,  → "Calendar"



Calendar screen (week view mode)

1 Switching icons

Tap to switch Day/Week/Month/Agenda list view.

2 Calendar

Appears in Day/Week/Month view mode.

- In Day/Week view mode, days which passed current date are shown on gray background.
- In Month view mode, present month is shown on gray background and current day is shown on white background.
- In Agenda list, event list for certain period of time appears. To change period, scroll the screen and tap "Touch to view events before (after) XX/XX/XXXX". Each tapping makes the period long.

3 Current day's icon

Tap to switch to the schedule list including the current day.

4 Events

Saved events appears.

5 Current day and time

Current date and time appears.


- In Day/Week view mode, it appears on the current day and time.
- For schedule list, it appears between schedules before the current day and schedules after the current day. Schedules before the current day are shown on gray background.

6 New event icon

In Week view mode, tap the calendar to show.

- In day view mode, tap the calendar to show "+New event".

Menu on the calendar screen

Tap  on the calendar screen to show the following menu items.

- Displayed menu items differ depending on conditions.

Item	Description
New event	Create schedule (P.152).
Refresh	Manually update schedule.
Search	Search schedule.
Calendars to display	Set synchronization/display of schedule.
Settings	Change calendar setting (P.153).

Adding new events in calendar

1 Tap an area to add an event on the calendar screen (Week view mode) →

New event screen appears.

■ Adding a new event on the calendar screen (Day view mode)

① Tap an area to add an event → "+ New event"

■ Adding a new event on the calendar screen (Month view mode)

① Tap a day to add a new event → Tap an area to save the event → "+ New event"

2 Set required items

- Tap an account shown at the top of screen to switch account.
- Displayed items differ depending on accounts.

Item	Description
Event name	Enter event name.
Location	Enter location for event.
FROM	Set starting time for event.
TO	Set ending time for event.
ALL DAY	Mark for all-day event.
Time zone	Set time zone.
GUESTS	Schedule is sent to entered addresses.
Description	Enter description for event.
REPETITION	Set whether to repeat the schedule on a regular basis.
REMINDERS	Set reminder (P.153) for event. <ul style="list-style-type: none">• Tap "Add reminder" to add reminder.
SHOW ME AS	Select from "Busy"/"Available".

Item	Description
PRIVACY	Set whether to make public schedule.

3 "DONE"

Checking/Editing/Deleting events

1 Tap an event in the calendar screen

Event details screen appears.

■ Editing an event

① 

- For events set repetition, tap "Change only this event"/"Change all events in the series"/"Change this and all future events".

② Change schedule → "DONE"


■ Deleting an event

① 

- For events set repetition, tap "Only this event"/"This and future events"/"All events".

② "OK"

Checking/Set Snooze for/Deleting reminder for events

When setting reminder for an event and set time arrives,  appears on the status bar.

1 Opening the notification panel

2 Tap a reminder to check/set Snooze/delete

Calendar notifications screen appears.

3 Check/set Snooze for/delete reminder

■ Checking reminder

- ① Tap reminder to check

■ Setting Snooze for reminder

- ① "Snooze all"

All notifications snooze and notify again 5 minutes later.

■ Deleting reminder


- ① "Dismiss all"

■ Information

- If "Pop-up notification" (P.153) is marked, the calendar notification appears when event notification time arrives. You can check/set Snooze/delete notification.

Setting synchronization/display of schedule

The terminal's calendar can be synchronized with Google Calendar, etc. on the web and viewed.

1 On the calendar screen,  → "Settings" → Tap account to set

2 Mark/Unmark an account

Changing calendar settings

1 On the calendar screen,  → "Settings" → "General settings"

2 Set each item

Item	Description
Hide declined events	Set whether to show events for which invitations are declined.
Show week number	Set to show week number on the left of the calendar screen (month view mode).
Week starts on	Set the first day of the week.
Use home time zone	Even while you are in an area of different time zone, schedule is shown in set time zone. <ul style="list-style-type: none">• Mark to change home time zone.
Clear search history	Delete event search history.
Notifications	Set whether to notify event.
Choose ringtone	Set ringtone for schedule notifications.
Vibrate	Set whether to vibrate when notifying schedule.
Pop-up notification	Set whether to show the calendar notification screen when event notification time arrives.
Default reminder time	Set default value for event notification time.

Memo

Enter text and save it as memos.

Creating memos

1 From the Home screen, → "Memo"

Memo list screen appears.

2 "新規作成 (New memo)" → Enter text

Add ToDo, time, alarm, attachment images as required.

3 "Save"

Editing/Deleting memos

1 Touch and hold a memo to edit/delete on the memo list screen

2 Set each item

Item	Description
Edit	Edit memos.
Delete one	Delete a memo.
Display priority	Show the memo at the top of the list.
Save one to SD card	Save the memo to microSD card.

Calculator

You can four arithmetic operations ($+$, $-$, \times , \div), functional calculus, etc.


1 From the Home screen, → "Calculator"

Calculator screen appears.

- Swipe the keypad to the left or right to switch advanced panel/basic panel.

2 Tap keys to calculate.

Information

- On the keypad screen,  → Tap "Advanced panel"/"Basic panel" to switch calculator.
- Turning the terminal sideways shows calculator in landscape mode. Available keys differ depending on the orientation of the screen.
- Touch and hold numbers for calculate result on the calculator screen to cut/copy/paste them. You can paste them to display field of calculator or other application to use.


SD card backup

Transfer or back up phonebook entries, sp-mode mails, bookmarks, etc. using external memory such as a microSD card.

- Do not remove the battery pack or microSD card from the terminal during backup or restoration. The terminal data may be damaged.
- If the item names (e.g. Phone number, etc.) of another terminal phonebook are different from those in the terminal, the item names may be changed or deleted. Also, some text may be deleted in copied destination, because savable characters in a phonebook entry vary by terminal.
- When backing up phonebook entries to microSD card, entries without name cannot be copied.
- When available memory space of microSD card is not enough, backup may not be executed. In such case, delete unnecessary files from the microSD card to save the memory space.
- When the remaining battery gets low, backup or restoration may not be executed. In such case, charge the battery of the terminal and then back up or restore.
- For backing up or restoring, you need docomo apps password (P.103).
- Due to memory configuration of the terminal, if a microSD card is not installed, still image data, video data, etc. are saved in the terminal. Only still image data, video data, etc. saved in the terminal can be backed up by the application. Data stored in a microSD card is not backed up.




Backing up

Back up data such as phonebook entries, sp-mode mail, media files.


- 1 From the Home screen,  → "SD card backup"**
For the first activation, License agreement appears. Check the content → Tap "Agree".
- 2 "Backup" → Mark data to back up**
- 3 "Start backup" → "OK"**
- 4 Enter docomo apps password → "OK"**
Selected data is saved to the microSD card.

Restoring backed up data


Restore backed up data to the terminal.

- 1 From the Home screen,  → "SD card backup"**
- 2 "Restore" → "Select" for data to restore**
- 3 Mark data to restore → "Select"**
- 4 Tap  for "Add"/"Overwrite" to turn  → "Start restore" → "OK"**
- 5 Enter docomo apps password → "OK"**
Selected data is restored to the terminal.

Copying phonebook entries stored in Google account or the terminal to docomo account

- 1 From the Home screen,  → "SD card backup"
- 2 "Phonebook account copy" → "Select" for phonebook data to copy → "Overwrite"/"Add"
The copied contacts data is saved to the docomo account.
- 3 "OK"

Backing up periodically

- 1 From the Home screen,  → "SD card backup"
- 2 "Periodical backup" → "Add schedule" → Mark "Schedule ON"
- 3 "Select" → Mark data to back up → "Select"
- 4 Select Repeat task → Set time to execute
- 5 "Enter" → "Set" → Enter docomo apps password → "OK"

Menu for SD card backup

Tap  to show following menu items.

Item	Description
Help	Show Help.
About	Display application information.
Exit	Exit SD card backup application.

Movie Studio

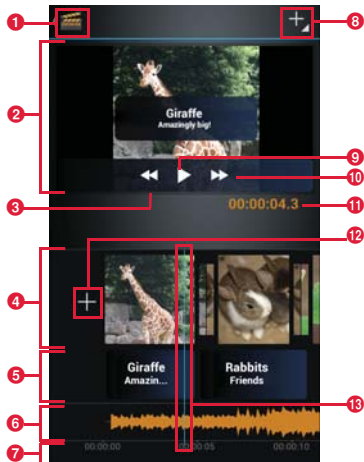
Use files stored in the terminal or a microSD card to create original movies (videos).

1 From the Home screen, → "Movie Studio"

Project list screen appears.

2 "Create New Project"

3 Enter a project name → "OK"



Creating project screen

1 Movie Studio icon

Return to the Project list screen.

2 Preview area

Project being edited appears.

3 Rewind icon

Tap while playing to rewind project.

4 Editing movie (video) area*

Added movie file/image file and Transition effect appear and editing operation becomes available.

5 Title editing area*

Added title appears. Editing is available.

6 Editing music area*

Adding a video/image file shows  and tap it to add music file.

7 Time display

Show start time of project.

8 Operation icon

Menu items appear then you can add file, etc.

9 Playing icon

Play a project being edited to check.

10 Fast forward icon

Tap while playing to fast forward project.

11 Play time for edit point

Play time to the edit point appears.

12 Adding video file icon

Select to add video files saved in the terminal of microSD card.

13 Edit point


Move video file/image file you want to edit to the point by dragging left or right.

*: Pinch-out/-in each area with 2 fingers to zoom-in/out of time scale.


4 Add video file/image file

Repeat the following operations to select several files.

■ Adding saved video/image files




- 1  → "Import video clip"/"Import image" → Select application to view files → Select a file

■ Shooting video or image to add








- 1  → "Record a video"/"Take a photo"
- 2 Shoot video/image → "OK"

5 Edit a project



■ Adding music files

- 1  in the editing music area → Tap an application
- 2 Tap a music file → "OK"
- 3 Tap music file in the editing music area → Drag  left/right to set volume → 

■ Adding title

- 1 Tap a file in the editing movie (video) area
- 2  → "Add title"
- 3 "Change template" → Tap a template to use
- 4 Enter a title → Enter a subtitle as required → "OK" 
 - Title appears in the editing title area.
- 5 Tap a title from "Gradient", "Sepia", "Negative" → Drag  to the time you want to show the title 
 - Touch and hold a title → When  appears, drag it left/right to move display position. But title cannot be moved between different files.
 -  allows you to edit title,  allows you to delete title.



■ Editing display effect

- 1 Tap a file in the editing movie (video) area
- 2  → Tap an effect to use → 

■ Deleting added file

- 1 Tap a file to delete →  → "Remove" → "Yes"


■ Editing switching effect (transition) of video/image

- 1 Tap a file in the editing movie (video) area
- 2  or  → "Transition into clip"/"Transition out of clip" → Select a time → Select a type


6

Project is saved and the Project list screen appears.

■ Saving a project as a movie (video)

- 1  → "Export movie"
- 2 Setting "Movie size", "Movie quality"
 - Some items cannot be set depending on the video files you are using.
- 3 "Export"

■ Information



- To play a movie (video) on other application, export project.
 - To edit created project, tap a project to edit on the Project list screen.
 - To delete a project, touch and hold the project on the Project list screen → "Delete project" → Tap "Yes", or on the creating project screen,  → "Delete project" → Tap "Yes".
-

Polaris Office




View/edit document such as Microsoft Word, Microsoft Excel, Microsoft PowerPoint and Adobe PDF.

- For some documents, displayed contents may differ from ones displayed on a PC or may be displayed improperly depending on document type or version.

Displaying/editing document

- 1 From the Home screen,  → "Polaris Office"**
Polaris Office screen appears.
- 2 Tap a document saved folder → Tap a document**
A document opens.
 - Tap  to zoom in/out, edit, search, send, etc. document.

Creating new document

- 1 From the Home screen,  → "Polaris Office"**
- 2  → "New" → Tap a document type**
- 3 Create document →  → "Save"**
- 4 Enter a file name → Select saving location → "Save"**

International roaming

Outline of international roaming (WORLD WING)

With the international roaming (WORLD WING), you can use the terminal without changing phone number or mail address in the service area of the overseas network operator affiliated with DOCOMO. You can use Phone and SMS without changing settings.

■ Supported networks

The terminal is Class 4. The terminal works in a 3G network and GSM/GPRS network service area. Also, it works in countries or districts where 3G 850 MHz/GSM 850MHz is applied. Check the service area.

Use 3G network or GSM/GPRS network overseas because Xi is not available overseas.

■ Refer to the following documents before using the terminal overseas.

- "Mobile Phone User's Guide [International Services]"
- DOCOMO International Services website

■ Information

- For Country codes, International call access codes, Universal number international prefix, available countries/regions, and network operators, refer to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services Website.

Available service overseas

Main communication services	3G	3G850	GSM (GPRS)
Call	○	○	○
Message (SMS)	○	○	○
Mail* ¹	○	○	○
Browser* ¹	○	○	○

*1: To use data communication during roaming, mark "Data roaming" in Mobile networks setting (P.163).

■ Information

- Some services may not be available depending on the network operator or network overseas.

Checking for using

Before leaving Japan

To use the terminal overseas, check the following in Japan.

Subscription

- Check if you subscribe to WORLD WING. For details, contact "General Inquiries" on the last page of this manual.

Charging

- Use optional "FOMA AC Adapter 02" or "AC adapter 03" for travelling overseas.

Usage charge

- Overseas usage charges (call and packet communication) differ from those in Japan.
- Since some applications automatically perform communications, packet communication charges may become high. For operation of applications, contact application providers by yourself.

Advance preparation

Setting network service

If you subscribe to network services, you can use network services such as Voice Mail Service, Call Forwarding Service, Caller ID Display Request Service, etc., even overseas. Some network services are not available.

- To use network services overseas, you need to set "Remote operation settings" to activate. You can set "Remote operation settings" in the country you visit.
- Even if the setting/canceling operation is available, some network services cannot be used depending on overseas network operators.

After arriving overseas

When you arrive overseas and turn the terminal ON, a connection to the available network is established automatically.

Connectivity

When you have set search mode of "Available networks" in "Network operators" to "Select automatically", optimized network is automatically selected.

Connect to the network operator conducted in flat-rate service to use the terminal overseas with packet communication charge in flat-rate of upper limit per day.

To use this service, subscription of packet flat-rate service in Japan is required. For details, refer to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services Website.

Display

A network type in use appears on the status bar.

: Roaming

- You can check the name of the connected network operator on the Notification panel.

Date & time

When "Automatic date & time" or "Automatic time zone" is marked, the date, time and time differences of the terminal are corrected by receiving information related to time and time differences from the network of overseas telecommunications carrier you connect to.

- Correction of the time or time differences may not be performed correctly depending on the network of overseas network operator. In that case, set time zone manually.
- Timing of correction varies by the overseas network operator.
- "Date & time" (P.110).

About inquiries


- For loss or theft of the terminal or UIM/docomo mini UIM card, immediately contact DOCOMO from the spot to take the necessary steps for suspending the use. For inquiries, see the last page of this manual. Note that you are still liable for the call and communication charge incurred after the loss or theft occurred.
- For using from land-line phone, entering "International call access code" or "Universal number international prefix" for the country is needed.

Making settings for overseas use

By default, the terminal detects available network in the country you stay and connects to it automatically. But you can set it manually.

Setting network type

To connect to network operator compatible with GSM network overseas, change the network type.


- 1 From the Home screen,  → "Settings"**
- 2 "More..." → "Mobile networks" → "Network Mode"**
- 3 Tap a network to use**
 - LTE/3G/GSM (Auto): Select available network mode automatically.
 - LTE/3G: Use 3G network (LTE is not available overseas).
 - GSM: Use GSM/GPRS network.

Information


- By default, "LTE/3G/GSM (Auto)" is set. You do not need to change the settings for using the terminal in Japan and in a region with only 3G network operators.
 - If the mode is set to [LTE/3G/GSM (Auto)] and a GSM/GPRS network and 3G network of the same network operator are detected at the same time, connection to a 3G network is given priority.
-

Setting network operator to connect

The terminal is set to automatically connect to a suitable network operator (network) in the area you stay by default. To connect to other network operator manually, set as follows.

- 1 From the Home screen,  → "Settings"
- 2 "More..." → "Mobile networks" → "Network operators"
A list of detected network operators appears.
- 3 Tap a network operator to connect
 - To connect suitable network operator automatically
 - ① "Select automatically"
 - To search all available networks in the area you stay
 - ① "Search networks" → Tap a name of network operator to connect

Enabling data roaming

- 1 From the Home screen,  → "Settings"
- 2 "More..." → "Mobile networks"
- 3 Mark "Data roaming" → "OK"

Making/Receiving a call in the country you stay

Making a call to Japan or outside the country you stay

Use international roaming service to call from the country where you stay to another country.

- For available countries/regions and network operators, refer to "DOCOMO International Services Website".



- 1 From the Home screen,  → "Dial"
- 2 Enter "+" (Touch and hold "0")-"Country code"-"Area number (City code)"-"phone number of the party"
 - Enter the phone number without a leading "0", if any. For example, to call a mobile phone (080-XXXX-XXXX) in Japan (Country code: 81), enter +81-80-XXXX-XXXX. In some countries and areas such as Italy, "0" is required.
 - If you make a call to the party using "WORLD WING" overseas, enter the "+" and "81" (country code of Japan) regardless of the country where the party stays.
 - When "Automatic conversion function" in "International dial assist" (P.165) is marked, you can make a call without entering the number set in "Country code".



- 3 When the party answers, a calling screen appears.
- 4 When a call is ended, "End"

Making a call inside the country you stay

You can make a call in the same way as you do in Japan.

- 1 From the Home screen,  → "Dial"**
- 2 Enter phone number including area number (City code)**
 - If you make a call to the party using "WORLD WING", make a call as an international call to Japan by entering the "+" and "81" (country code of Japan) and without leading "0" of the party's phone number even when making a call in the country you stay.
- 3 **

When the party answers, a calling screen appears.
- 4 When a call is ended, "End"**

Receiving a call in the country you stay

You can receive a call in the same way as you do in Japan.

■ Information

- An incoming call during the international roaming is forwarded from Japan regardless of which country the call is from. A caller is charged for a call fee to Japan, and the receiver is charged for a reception fee.

Making a call to your terminal

■ To have the party in Japan call you overseas


Just have your phone number dialed as a domestic call in Japan.

■ To have the party outside of Japan call you overseas

The party needs to dial from the international call access code and "81" (country code of Japan) regardless of which country he/she stays in. International call access code of the country of the caller -81-90 (or 80) -XXXX -XXXX

Making settings for international roaming

- For some overseas network operators, settings may not be made.

1 From the Home screen, 

2  → "Call settings" → "Roaming settings"

Item	Description
Restricting incoming calls	Restrict incoming calls during international roaming.
Incoming notification while roaming	Notify you of the missed call information by SMS during international roaming.
Roaming guidance	Notify the caller with guidance indicating that the call is international roaming for an incoming call during international roaming.
International dial assist	When "Automatic conversion function" is marked, a country code or international prefix is added for making an international call. You can add/edit/delete the country code and international prefix.

Item	Description	
Network service	Remote operation (charged)	Set network services such as voice mail etc. from overseas. <ul style="list-style-type: none">Setting "Remote operation(charged)" to ON in advance is required.
	Roaming ID notification request service (charged)	<ul style="list-style-type: none">If you make the settings overseas, you are charged a call fee to Japan from the country you stay.For some overseas network operators, settings may not be made.
	Roaming call notification (charged)	
	Roaming guidance (charged)	
	Voice mail (charged)	
	Call forwarding (charged)	

After returning to Japan

When you return to Japan, the terminal is connected to DOCOMO network automatically. If connection is failed, perform the following operations.

- Change "Network Mode" to "LTE/3G/GSM (Auto)".
- Set "Available networks" in "Network operators" to "Select automatically".

Options and related devices

Combining the terminal with optional accessories supports a wide variety of uses from personal use to business use. Some products are unavailable depending on the area. For details, contact a sales outlet such as docomo Shop.

For details about the optional devices, refer to the instruction manual for each device.

- Battery pack HW03
- Back Cover HW04
- Desktop Holder HW02
- Earphone adapter cable with antenna SH01
- AC adapter HW01
- DriveNetCradle 01
- AC adapter 03
- DC adapter 03
- FOMA charging microUSB adapter T01
- FOMA AC Adapter 02
- Micro USB Cable 01
- Pocket charger 01/02
- FOMA Portable Charging Adapter 02
- FOMA DC Adapter 02
- Carry Case 02
- AC Adapter Converter Plug Type C 01
- Earphone/Microphone 02
- Stereo Earphone Set 02
- Earphone Plug Adapter 02
- Wireless Earphone Set 03

Troubleshooting

- Check for the necessity of software update first, and update the software if necessary. (P.176)
- When checking the following items does not improve the state, contact "Repairs" on the last page of this manual (in Japanese only) or DOCOMO-specified repair office.

■ Battery




Trouble	Check and remedy
The terminal cannot be turned ON	<ul style="list-style-type: none"> • Is the battery pack installed correctly? (P.22) • Is the battery exhausted? (P.25).

■ Charging

Trouble	Check and remedy
Cannot charge the terminal (LED light does not turn on, charging icon does not appear on the status bar)	<ul style="list-style-type: none"> • Is the battery pack installed correctly? (P.22) • Is the adapter's power plug or cigarette lighter plug inserted to the outlet or cigarette lighter socket correctly? (P.25) • Are the adapter and the terminal set correctly? (P.25) • When an AC adapter (optional) is used, is the microUSB plug of the AC adapter firmly connected to the terminal or the desktop holder (optional)? (P.25, P.26) • When the Desktop Holder (optional) is used (P.26), is the charging contacts for desktop holder of the terminal dirty? If it is dirty, clean with a dry cotton swab etc. • Is a PC turned on when you connect to a PC with Micro USB Cable 01 (optional)? (P.117) • If you execute calls, communications or other operation for a long time while charging, the terminal may become hot and charging may be unavailable. In this case, wait until the temperature of the terminal is down and retry charging.


■ Terminal operations

Trouble	Check and remedy
The terminal, etc. become hot while operating/charging	<ul style="list-style-type: none"> • While operating or charging, or when you use applications etc. for a long time, the terminal, battery pack or adapter may become hot. There is no safety problems and you can continue to use it.

Trouble	Check and remedy
The operation time provided by the battery pack is short	<ul style="list-style-type: none"> • Is the terminal left for a long time out of service area? Out of service area, a lot of power is consumed to search available radio waves. • The operation time provided by the battery pack varies by the operating environment and battery pack's deterioration. • The battery pack is a consumable part. Each time it is charged, available time with each charging reduces. Even the full charge state, when the operation time is too short, purchase a new battery pack of the specified type.
The docomo mini UIM card is not recognized	<ul style="list-style-type: none"> • Is the docomo mini UIM card installed in the right direction? (P.20)
No operation is performed when you tap the touch panel/touch key or press a key	<ul style="list-style-type: none"> • Is the terminal in sleep mode? Cancel sleep mode by pressing . (P.27)
The touch panel/touch key or key reacts slowly when a screen is tapped or a key is pressed.	<ul style="list-style-type: none"> • When large amount of data is saved in the internal storage of the terminal or transferring large-size data between the terminal and microSD card, the reactions on the screen may be delayed.
Time is incorrect.	<ul style="list-style-type: none"> • It may occur if you keep the terminal turned on for a long time. Check if "Automatic date and time" (P.110) is set to ON, and turn OFF and then ON the terminal in a places where signal is strong.
Terminal operation is unstable	<ul style="list-style-type: none"> • It may be caused by applications installed to the terminal after purchase. If problems improve when you start in Safe Mode, problems may be improved by uninstalling the applications. *Safe Mode is a function to activate the phone in a mode similar to default. • To start Safe Mode <ol style="list-style-type: none"> 1. From the Settings menu, turn off "Fast boot" (P.111) and then turn off the terminal 2. Press  for 2 seconds or more with the power of the terminal OFF, and then press and hold  (Volume key) from when the logo of "HUAWEI Ascend" appears until the terminal vibrates once *When safe mode is booted, "Safe mode" is displayed at the lower left of the Home screen. *To exit the safe mode, turn power OFF and then ON. • Back up the necessary data before using safe mode. • Some widgets that you created may be removed. • Safe mode is not usual active state. To use ordinarily, exit the safe mode.
Turning the power off or restarting automatically happens	<ul style="list-style-type: none"> • If the contacts of battery pack are dirty, the contact may become poor and the power may shut OFF. If they are dirty, clean with a dry cotton swab.

Trouble	Check and remedy
Applications cannot be operated properly (cannot be activated, or errors occur frequently, etc.).	<ul style="list-style-type: none"> • Are there any applications being disabled? Enable disabled applications, then retry to operate. (P.102)

■ Calling

Trouble	Check and remedy
Cannot make a call even though tapping 	<ul style="list-style-type: none"> • Do you enter a phone number from City code? • Do you set Airplane mode? (P.94)
The ringtone does not sound	<ul style="list-style-type: none"> • Is the slider of volume bar for "Ringtone & notifications" at the left edge? (P.99) • Do you set Airplane mode (P.94) or Silent mode (P.99)? • Do you set Reject unregistered call? (P.76) • Is the ring time of Voice mail service (P.71) or Call forwarding (P.71) to "0 sec."?
Calls are not connected (Even when moving, 圏外 (out of service area) does not disappear or although radio waves are enough, making/receiving calls is unavailable).	<ul style="list-style-type: none"> • Turn the terminal OFF and ON (P.27). • Reattach the battery pack (P.22). • Reattach the docomo mini UIM card (P.20). • Due to the nature of radio waves, making/receiving calls may be unavailable even when 4 signal level icons appear on the display. Move and call again. • Due to the crossing of radio waves, at the crowded public places, calls or mails are crossed and the connection status may not be good. Move to other place or call again at other time.

■ Display

Trouble	Check and remedy
The display is dim	<ul style="list-style-type: none"> • Do you adjust the brightness of the display? (P.100) • Is the light sensor covered with fingers, sticker, etc.? • Do you set eco mode or eco mode automatic activation? (P.67)

■ Voice sound

Trouble	Check and remedy
During a voice call, the distant party's voice is hard to listen to or too loud	<ul style="list-style-type: none"> • Do you change the listening volume? (P.70)

■ Mail

Trouble	Check and remedy
Mails are not received automatically	<ul style="list-style-type: none">• Is "Inbox check frequency" in the account setting of Email set to "Never"? (P.81)


■ Camera

Trouble	Check and remedy
Photos and videos taken with the camera are blurred	<ul style="list-style-type: none">• Check if clouds or dirt attach to the lens of camera.• When you shoot portrait, mark "Face detection" (P.136).

■ 1Seg

Trouble	Check and remedy
Cannot watch 1Seg	<ul style="list-style-type: none">• Are you out of the terrestrial TV broadcasting service area or in an area with poor signal strength?• Do you set channels?

■ Osaifu-Keitai

Trouble	Check and remedy
Osaifu-Keitai function is unavailable	<ul style="list-style-type: none">• When removing the battery pack or activating Omakase Lock, Osaifu-Keitai functions are unavailable regardless of the Osaifu-Keitai lock settings.• Is Osaifu-Keitai lock activated? (P.122)• Do you place  mark of the terminal over IC card reader? (P.122)

■ International roaming

Trouble	Check and remedy
Cannot use the terminal overseas [when signal status icon is displayed]	<ul style="list-style-type: none">• Do you subscribe to WORLD WING? Check if you subscribe to WORLD WING.

Trouble	Check and remedy
Cannot use the terminal overseas [when 圏外 (out of area) is displayed]	<ul style="list-style-type: none"> • Are you out of the international roaming service area or in an area with poor signal strength? Check if the service area and network operator are available, referring to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services website. • Change network setting or overseas network operator setting. Change "Network Mode" to "LTE/3G/GSM (Auto)" (P.162). Set "Network operators" to "Select automatically" (P.163). • It may be recovered by turning the terminal OFF and ON.
Cannot perform data communication overseas	<ul style="list-style-type: none"> • Mark "Data roaming"(P.163).
Cannot use the terminal suddenly while using overseas	<ul style="list-style-type: none"> • Does usage amount exceed the limit of maximum charges for use? For use of International roaming (WORLD WING), the limit of maximum charges for use is set in advance. When it exceeds the limit of maximum charges for use, pay the charges.
There is no incoming call overseas	<ul style="list-style-type: none"> • Is "Restricting incoming calls" set to "Activate restricting"? (P.165)
No caller ID is notified/A notified caller ID is different from that of the caller/ Functions for using contents saved in Phonebook or those using Caller ID notification do not operate	<ul style="list-style-type: none"> • Even when a caller notifies its caller ID, it is not displayed on the terminal unless it is notified from your network or network operator. And, a different caller ID may be notified by some networks or network operators you use.

■ Data management

Trouble	Check and remedy
Data transfer is not performed	<ul style="list-style-type: none"> • Do you use USB HUB? If you use USB HUB, operations may not be performed correctly.
Data saved in microSD card is not displayed	<ul style="list-style-type: none"> • Reattach the microSD card (P.21).

■ Bluetooth

Trouble	Check and remedy
The terminal cannot be connected to a Bluetooth device/A Bluetooth communication device cannot be found from the terminal	<ul style="list-style-type: none">• Make Bluetooth device (commercially available) pairing stand-by state and then perform pairing on the terminal. If you delete already paired device and pair the device again as a new device, delete the paired devices on both the terminal and Bluetooth device and then perform pairing (P.116).
Calls cannot be made from the terminal connected to an external device such as car navigation or handsfree device	<ul style="list-style-type: none">• If calls are made several times when the other party does not answer or is out of service area, the call to that number may become disabled. In this case, turn the terminal OFF and ON.

■ Map/GPS satellites

Trouble	Check and remedy
AUTO-GPS service information cannot be set	<ul style="list-style-type: none">• Is battery level low and AUTO-GPS function stopped? When AUTO-GPS stops by "Low-power operation settings", AUTO-GPS service information cannot be set. In that case, set "Low-power operation settings" to "Not suspend" or charge the battery (P.103).• Do you set AUTO-GPS operation settings to OFF? (P.103)• Is AUTO-GPS function disabled? (P.103)

Error messages

Error messages	Description/Remedy
Phone is USIM Network locked 携帯電話がUSIMネットワークロックされています	<ul style="list-style-type: none">• Displayed when a SIM card from another operator is inserted.

Smartphone Anshin Remote Support

By sharing screens of your terminal with DOCOMO, you can receive technical support to make settings.

- This service is not available when your docomo mini UIM card is not inserted, during international roaming, or in Airplane mode.
- Smartphone Anshin Remote Support is a service requiring subscription.
- Some operations and settings are not supported.
- For details of Smartphone Anshin Remote Support, refer to NTT DOCOMO's website.

1 Call スマートフォン遠隔サポートセンター (Smartphone Remote Support center)

 0120-783-360

Business hours: 9:00 a.m. to 8:00 p.m.
(open all year round) (In Japanese only)

2 From the Home screen, → "遠隔サポート (Remote support)"

- For the first using, agree to "ソフトウェア使用許諾書 (License Agreement)".

3 Enter connection number notified by DOCOMO

4 Remote support starts when you are connected

Warranty and After-Sales Service

Warranty

- The terminal is provided with a written warranty. Make sure that you receive it. Check the written contents and items such as "販売店名・お買い上げ日 (Shop name/date of purchase)" and keep it in a safe place. If it does not contain the necessary information, immediately contact the shop where you bought it. The warranty is valid for a period of one year from the date of purchase.
- This product and all accessories are subject to change, in part or whole, for the sake of improvement without prior notice.
- Since troubles, repair or other handling of the terminal may cause contents in the Phonebook etc. to be modified or deleted. DOCOMO recommends making a copy of the Phonebook data etc., in case.
- * Phonebook data in the terminal can be saved in a microSD card.
- * Data such as phonebook entries can be backed up to Data center using Data Security Service (subscription is required).

After Sales Services

When problems occur

Before requesting repair, read the section on "Troubleshooting" in this manual (P.168). If the problem still persists, contact "Repairs" on the last page of this manual (in Japanese only).

If the result of inquiries indicates that a repair is required

Take the terminal to DOCOMO-specified repair office. Be sure to check the opening hours of the office before you go. The warranty must be presented to receive warranty service. Note that, repair may take longer time depending on the state of damage.

■ In the warranty period

- The terminal is repaired at no charge subject to the conditions of the warranty.
- The warranty must be presented to receive warranty service. The subscriber is charged for the repair of items not covered in the warranty or repairs of defects resulting from misuse (damage of the liquid crystal/connector, etc.), even during the warranty period.
- The subscriber is charged even during the warranty period for the repair of failures caused by the use of devices or consumable items that are not DOCOMO-specified.

■ Repairs may not be possible in the following cases.

- When corrosion due to moisture, condensation, perspiration, etc. is detected, or if any of the internal boards are damaged or deformed (repairs may not be possible if external connection jack or liquid crystal is damaged, or the terminal outer case is lifted)
 - * Even in case that a repair is possible, since those conditions are outside the range of the warranty, a repair is charged.

■ After expiration of the warranty

All repairs that are requested are charged.

■ Replacement parts

Replacement parts (parts required to maintain the product functions) are basically kept in stock for at least 6 years after termination of production. However, repair may not be possible due to lack of repair parts, etc. Note that repair may still be possible depending on the defective portion even if the stock period has expired. Contact "Repairs" on the last page of this manual. (In Japanese only)

Notes

- Do not modify the terminal or its accessories.
 - May cause fire, injuries or malfunction.
- The modified terminal may be repaired only if the owner agrees on that all the modified parts are restored to the original conditions. However, repairs may be refused depending on the modifications. The following cases may be regarded as modifications.
 - A sticker etc. is put on the Liquid crystal or button part
 - The terminal is embellished with adhesive material etc.
 - Exteriors are replaced with other than DOCOMO's genuine parts
- Repair of failures and damage caused by modification are charged even during the warranty period.
- Do not remove an inscription sticker attached to the terminal.
- The inscription sticker certifies that the terminal satisfies technical standards. It should be noted that if the sticker is removed or is replaced with a different sticker, and the original inscription sticker cannot be verified, it may disqualify the unit from repairs due to not being able to determine the technical standards of that particular phone.
- Function settings and information may be cleared (reset) by malfunctions, repair or other handling of the terminal. Should that happen, set up the functions again.
- If repair is executed, MAC address for Wi-Fi and Bluetooth address may be changed regardless of malfunction part.
- Magnetic components are used in the following parts of the terminal. Do not allow cash cards or other devices that are vulnerable to magnetism to come into contact with the phone.
Part: speaker, microphone
- If inside of the terminal gets wet or moist, turn the power OFF, remove the battery pack immediately, and bring the terminal to a repair office as soon as possible. However, repair may not be possible depending on the condition of the terminal.

Precautions on memory dial (phonebook function) and downloaded data

Note that data you created or data you retrieved or downloaded from sources other than your terminal may be changed or lost when you change the model or have repairs done to the terminal. DOCOMO shall have no liability for any change or loss of any kind. Under some circumstances, DOCOMO may replace your terminal with its equivalent instead of repairing it. In that case, we cannot transfer these data to replaced products except for some data.

Software update

Software update

This function allows you to connect the network and check if software in the HW-03E needs to be updated, if software update is necessary, it downloads software to update.

Check the NTT DOCOMO website to see if software updates are necessary.

Software may be updated in following 3 methods :

- Automatic Update : Automatically download file to update at the specified time.
- Now update : Update software immediately.
- Reserved update : Automatically update software at the time set in advance.

Information

- Software update can be done even when various data, such as phonebook entries registered in terminal, camera images, mail, downloaded data, are remaining; note that data protection sometimes cannot be secured according to the conditions of your terminal (such as malfunction, damage, or water leak). DOCOMO recommends backing up necessary data. However some data such as downloaded data may not be backed up.
-

When updating software

- Do not remove the battery pack while updating software. The update may fail.
- Software update should be done with battery fully charged. You are recommended to connect charging cable when updating software.
- Software cannot be updated in the following cases.
 - During a call
 - When 圏外 (out of service area) is displayed *
 - During international roaming
 - When Airplane mode is on*
 - When date and time are not set correctly
 - When the remaining battery is not sufficient for software update
 - When the remaining memory is not sufficient for software update
- *: During international roaming or when the terminal is out of service area, updating software is not available even though you are connected via Wi-Fi.
- Software update (downloading or rewriting) may take time.
- Making/Receiving calls, communication functions and other functions are disabled during software update. Only incoming calls can be answered while downloading.
- Stay in a place with strong radio wave condition when updating software. Software update may be canceled if the radio wave condition is not good enough.
- If software update is not needed, "No update is needed." appears.
- During international roaming, or out of service area, "When docomo network is not available, or during roaming, install cannot be started even if Wi-Fi is connected" appears. The same message appears even while connecting via Wi-Fi.
- SMS sent during software update is stored in the SMS center.
- When updating software, your private information concerning HW-03E (model, serial number, etc.) is automatically sent to the server for software update managed by DOCOMO. DOCOMO does not use the sent information for purposes except software update.


- When PIN code is set, the PIN code entry screen appears during resetting after rewriting and you need to enter PIN code.
- While updating software, do not activate other applications.

Updating software automatically


Update file is automatically downloaded and software is updated at the specified time.



Auto-update setting

The settings of Software Update is set to "Automatic Update" by default.

- 1 From the Home screen,  → "Settings" → "Software Update" → "Configure the software update"
- 2 "Automatic Update"/"Manual Update"

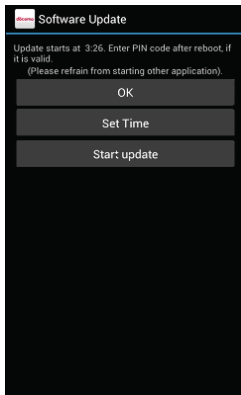
When software update is necessary

If the update file is downloaded automatically,  (software update available) appears on the status bar to notify.

- When the rewrite start time is reached with  (software update available) displayed, software is automatically rewritten and  (software update available) disappears.

1 Open the Notification panel → "Software update is available"


Notice screen for update time appears.



2 Perform target operations

- "OK": Updating starts when the preset time is reached.
- "Set Time": Change update time (P.179).
- "Start update": Update immediately (P.178).

Information

- If the software is not updated when the update notification is received,  (software update available) appears on the status bar to notify.
- If software update could not be performed at the preset time, the software update will be performed at the same time the following day.

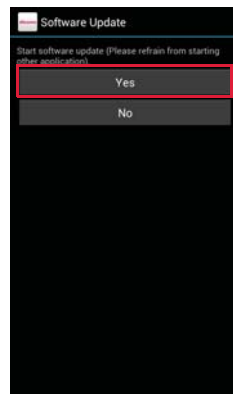
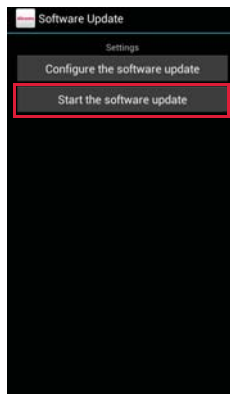
- Software cannot be updated automatically when the Auto-update setting is set to "Manual Update" or while updating software by Now update.

Updating software immediately

Software update starts immediately.

- There are 2 ways to activate software update: Activating from Software update notice screen and activating from the menu.

1 From the Home screen, → "Settings" → "Software Update" → "Start the software update" → "Yes"



■ Activating from Software update notice screen

- ① Display update notice screen → "Start update"

2 Rewriting starts automatically approximately 10 seconds after "Start update" appears

- Rewriting starts when you tap "OK".
- While updating the software, all key operations become disabled. And updating cannot be canceled.
- When the software update is complete, the terminal restarts automatically and the Home screen appears.

Information

- If software update is not needed, "No update is needed" is displayed.

Post-update display

When software update is complete, a completion notification appears on the status bar. Open the notification panel and tap the notification to display the update completion screen.

Reserved software update

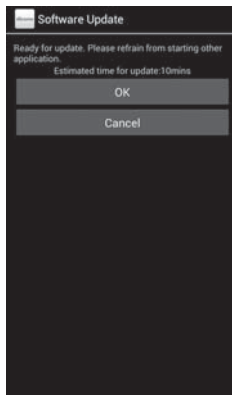
You can preset time to update the software if you want to specify another time for installing the update file.

1 Display update notice screen → "Set Time"

2 Enter time → "Set"

When the reserved time is reached

A rewriting screen appears at the update start time. Approximately 10 seconds after that, rewriting starts automatically.



Information

- While updating the software, all key operations become disabled. And updating cannot be canceled.
- If software update could not be started at the preset time, the software update will be performed at the same time the following day.
- Software is not updated at the reserved time during OS version up.
- When an alarm, etc. is set at the same time as the reserved time, priority will be given to the software update.
- If HW-03E is turned OFF at the reserved time, the software update starts at the same time as the reserved time after the terminal is turned ON.

- If "Software update was suspended Please check the status of the handset and retry." appears on the status bar at the software update start time, check available memory space of the internal storage of the terminal and retry to update.
- If "Updating software is stopped. Check the phone state and retry to update" appears on the status bar at the software update start time, make sure that the terminal is not in the following states and retry to update.
 - Out of service area
 - The battery pack is removed
 - Other function is activated

Main specifications

Terminal

Product name		HW-03E
Size		Approx. 133 mm (H) × 67 mm (W) × 9.9 mm (T) (thickest part : Approx. ●●●mm)
Weight		Approx. 145 g
Memory	ROM	32 GB
	RAM	2 GB
Continuous stand-by time	LTE	Stationary (Auto) ^{†1} : Approx. ●●●H
	FOMA/3G	Stationary (Auto) ^{†1} : Approx. ●●●H
	GSM	Stationary (Auto) ^{†1} : Approx. ●●●H
Continuous call time	FOMA/3G	Approx. ●●●min.
	GSM	Approx. ●●●min.
Charging time		AC adapter 03 : Approx. ●●●min. DC adapter 03 : Approx. ●●●min.
Display	Type	TFT 16,777,216 colors
	Size	Approx. 4.7 inches
	Number of dots	720 (H) × 1280 (V) dots
Image pickup device	Type	Out-camera: CMOS In-camera: CMOS
	Size	Out-camera: 1/3.1 inches In-camera: 1/6.0 inches

Camera	Number of effective pixels	Out-camera: Approx. 13.1 million pixels In-camera: Approx. 1.3 million pixels
	Number of recording pixels (Max.)	Out-camera: Approx. 13.1 million pixels In-camera: Approx. 1.2 million pixels
	Digital zoom	Out-camera : Up to approx. 4.0 x In-camera: Up to approx. 4.0 x
Continuous 1Seg watching time		Approx. 290 min.
Continuous Mobacas watching time		Approx. 220 min.
Wireless LAN		IEEE802.11b/g/n (2.4GHz) compatible
Bluetooth	Version	Bluetooth standard Ver.3.0 ^{*2}
	Output	Bluetooth standard Power Class 2
	Supported Bluetooth profile^{*3}	HFP (Hands-Free Profile) HSP (Headset Profile) OPP (Object Push Profile) SPP (Serial Port Profile) HID (Human Interface Device Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile) PBAP (Phone Book Access Profile)

*1: "LTE/3G/GSM (Auto)" is set in "Mobile networks" (P.162)

*2: It is confirmed that the terminal and all Bluetooth devices are compliant with Bluetooth standards designated by Bluetooth SIG, and they are authenticated. However, procedures may differ or data transfer may not be possible depending on the devices characteristics or specifications.

- *3: These are created by standardizing connection procedures for Bluetooth communications according to individual product properties.
- Continuous call time indicates the estimated call time that the phone can send or receive radio waves normally.
 - Continuous stand-by time indicates the estimated stand-by time when radio signal reception is normal. Due to battery charging condition, function settings, operating environment such as ambient temperature, radio wave conditions in the area of use (the radio waves are weak or absent), etc. stand-by time may be reduced to about a half.
 - Connecting Internet reduces call (communication)/stand-by time. Using functions such as mail, application, etc. reduces call (communication)/stand-by time.
 - Stationary continuous stand-by time indicates the estimated average operation time when radio signal reception is normal.
 - Charging time indicates the estimated time for charging an empty battery pack with the terminal turned OFF. Charging with the terminal turned ON requires longer time.

■ Battery pack

Product name	Battery pack HW03
Battery used	Li-ion polymer battery
Voltage	3.8V
Capacity	1800mAh

■ File format

Still images and videos taken by the terminal are saved in the following file formats:

Type	File format	Extension
Still images	JPEG	jpg
Videos	MP4	mp4

■ Numbers of still images (Estimation)

Resolution	Number of images that can be saved to the internal storage ^{*1}	Number of images that can be saved to the microSD card (1 GB) ^{*1}
VGA (640x840)	Up to approx. 40,000 images	Up to approx. 10,400 images

*1: Quality setting: Normal

■ Time length of shooting videos (Estimation)

Resolution	Time of images that can be saved to the internal storage ^{*1}	Time of images that can be saved to the microSD card (2 GB) ^{*1}
VGA (640x480)	Up to approx. 240 min. (Up to approx. 216 minutes per video)	Up to approx. 60 min. (Up to approx. 60 minutes per video)

*1: Quality setting: Normal

Specific Absorption Rate (SAR) of Mobile Phones

Specific Absorption Rate (SAR) of Mobile Phones

This model HW-03E mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone was designed in observance of Japanese technical regulations regarding exposure to radio waves^{*1} and limits to exposure to radio waves recommended by a set of equivalent international guidelines. This set of international guidelines was set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition.

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.269 W/kg. There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device.

This mobile phone can be used in positions other than against your ear. This mobile phone satisfies the international guidelines when used with a carrying case or a wearable accessory approved by NTT DOCOMO^{*2}. In case you are not using the approved accessory, please use a product that does not contain any metals, and one that positions the mobile phone at least 1.5 cm away from your body.

The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

Please refer to the WHO website if you would like more detailed information.

http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm

Please refer to the websites listed below if you would like more detailed information regarding SAR.

Ministry of Internal Affairs and Communications Website:

<http://www.tele.soumu.go.jp/e/sys/ele/index.htm>

Association of Radio Industries and Businesses Website:

<http://www.arib-emf.org/index02.html> (in Japanese only)

NTT DOCOMO, INC. Website:

<http://www.nttdocomo.co.jp/english/product/sar/>

Huawei Device Co., Ltd. Website:

<http://www.huaweidevice.jp/ascend/index.html> (in Japanese only)

Refer to HW-03E in the above URL site. URL is subject to change without prior notice.

- *1: Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).
- *2: Regarding the method of measuring SAR when using mobile phones in positions other than against the ear, international standards (IEC62209-2) were set in March 2010. On the other hand, technical regulation is currently being deliberated on by national council.

Operating Environment

- Avoid dusty, damp, or dirty environments. Avoid magnetic fields. Using or charging your device in these environments may result in circuit malfunctions.
- Do not use your device during thunderstorms to protect your device against any danger caused by lightning.
- Observe local laws and regulations, and respect the privacy and legal rights of others.
- Avoid touching the antenna when you are on a call. Touching the antenna affects call quality, increases power consumption, and reduces talk and standby time.
- Ideal operating temperatures are 5 °C to 35 °C. Ideal storage temperatures are -20 °C to 70 °C. Extreme heat or cold may damage your device or accessories.

- Do not expose your device to direct sunlight (such as on a car dashboard) for prolonged periods.
- Do not place your device or batteries on or in heating devices, such as microwave ovens, stoves, water heaters, or radiators. Batteries may explode if overheated.
- Stop using your device or applications for a while if the device is overheated. If skin is exposed to an overheated device for an extended period, low temperature burn symptoms, such as red spots and darker pigmentation, may occur.
- If your device has a camera flash, do not use it directly in the eyes of people or pets. Otherwise temporary loss of vision or damage to the eyes may occur.
- Do not allow children or pets to bite or suck the device or battery. Doing so may result in damage or explosion.

Protecting your hearing when using a headset



- To prevent possible hearing damage, do not listen at high volume levels for long periods.
- Using a headset at high volumes may damage your hearing. To reduce this risk, lower the headset volume to a safe and comfortable level.
- Exposure to high volumes while driving may cause distraction and increase your risk of an accident.

Child's safety

- Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous. The device includes detachable parts that may present a choking hazard. Keep away from children.
- The device and its accessories are not intended for use by children. Children should only use the device with adult supervision.

Interference with medical equipment

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device where prohibited.

- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If using a pacemaker, hold the device on the side opposite the pacemaker and do not carry the device in your front pocket.
- Some wireless devices may affect the performance of hearing aids or pacemakers. Consult your service provider for more information.

Areas with flammables and explosives

- Do not use the device where flammables or explosives are stored (in a gas station, oil depot, or chemical plant, for example). Using your device in these environments increases the risk of explosion or fire. In addition, follow the instructions indicated in text or symbols.
- Do not store or transport the device in containers with flammable liquids, gases, or explosives.

Traffic security

Observe local laws and regulations while using the device. If using the device while driving a vehicle, observe the following guidelines:

- Concentrate on driving. Your first responsibility is to drive safely.
- Do not hold the device while driving. Use hands-free accessories.
- When you must make or answer a call, pull off the road safely and park the vehicle first.
- RF signals may affect the electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- Do not place the device over the air bag or in the air bag deployment area in a motor vehicle. Doing so may hurt you because of the strong force when the air bag inflates.
- Do not use your device while flying in an aircraft. Power off your device before boarding. Using wireless devices in an aircraft may disrupt wireless networks, present a hazard to aircraft operation, or be illegal.

Cleaning and maintenance

- Before you clean or maintain the device, power it off, and disconnect it from the charger.

- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device or charger. These substances may cause damage to parts or present a fire hazard. Use a clean, soft, and dry cloth to clean the device and charger.
- Keep the device and accessories dry. Protect them from water and humidity. Do not touch the device or the charger with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.
- Avoid collision, which may lead to battery leakage, device malfunctions, overheating, fire, or explosion.
- Do not place magnetic storage media, such as magnetic cards and floppy disks, near the device. Radiation from the device may erase the information on magnetic storage media.
- Do not expose your device, battery, or charger to extreme heat or cold. These environments may interfere with proper function and may lead to fire or explosion. Battery performance is affected at temperatures lower than 0 °C.
- Do not place sharp metal objects, such as pins, near the earpiece or speaker. The earpiece may attract these objects and result in injury.
- Do not dismantle the device or accessories. This voids the warranty and releases the manufacturer from liability for damage.
- If the device screen is broken in a collision, immediately stop using the device. Do not touch or attempt to remove the broken parts. Promptly contact an authorized service center.

Emergency calls

The availability of emergency calls is subject to your cellular network quality, service provider policy, and local laws and regulations. Never rely solely on your device for critical communications like medical emergencies.

Environmental protection

- The device and its accessories, including but not limited to the power adapter, headset, and battery (if included) should not be disposed of with household garbage.
- Disposal of the device and its accessories is subject to local regulations. Support proper collection and recycling.

Disposal and recycling information



This symbol (with or without a solid bar) on the device, batteries (if included), and/or the packaging, indicates that the device and its electrical accessories (for example, a headset, adapter, or cable) and batteries should not be disposed of as household garbage. These items should not be disposed of as unsorted municipal waste and should be taken to a certified collection point for recycling or proper disposal.

For more detailed information about device or battery recycling, contact your local city office, household waste disposal service, or retail store.

Disposal of the device and batteries (if included) is subject to WEEE Directive Recast (Directive 2012/19/EU) and Battery Directive (Directive 2006/66/EC). The purpose of separating WEEE and batteries from other waste is to minimize the potential environmental impacts and human health risk of any hazardous substances that may be present.

Reduction of hazardous substances

This device is compliant with the REACH Regulation [Regulation (EC) No 1907/2006] and RoHS Directive Recast (Directive 2011/65/EU). Batteries (if included) are compliant with the Battery Directive (Directive 2006/66/EC). For up-to-date information about REACH and RoHS compliance, please visit the web site www.huaweidevice.com/certification.

EU regulatory conformance

Body worn operation

The device complies with RF specifications when used near your ear or at a distance of 1.5 cm from your body. Ensure that the device accessories, such as a device case and device holster, are not composed of metal components. Keep the device away from your body to meet the distance requirement.

Certification information (SAR)

This device meets guidelines for exposure to radio waves.

Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device is designed not to exceed the limits for exposure to radio waves. These guidelines were developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), an independent scientific organization, and include safety measures designed to ensure the safety of all users, regardless of age and health.

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level during operation can be well below the value. This is because the device is designed to use the minimum power required to reach the network.

The SAR limit adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue, and the highest SAR value for this device complies with this limit.

The highest SAR value reported for this device type when tested at the ear is 0.433 W/kg, and when properly worn on the body is 0.421 W/kg.

Statement

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For the declaration of conformity, visit the web site www.huaweidevice.com/certification.

The following marking is included in the product:

CE 0168 Ⓢ

This device may be operated in all member states of the EU.

Notice:

Observe national and local regulations where the device is used.

This device may be restricted for use, depending on the local network.

Restrictions in the 5 GHz band:

WLAN function of this device is restricted only to indoor use when operating in the 5150 to 5350 MHz frequency range.

FCC Regulatory Compliance

Body worn operation

The device complies with RF specifications when used near your ear or at a distance of 1 cm from your body. Ensure that the device accessories, such as a device case and device holster, are not composed of metal components. Keep the device away from your body to meet the distance requirement.

Certification information (SAR)

This device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA).

The SAR limit adopted by the USA is 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type complies with this limit.

The highest SAR value reported to the FCC for this device type when tested for use at the ear is 0.67 W/kg, when properly worn on the body is 1.23 W/kg, and when using the Wi-Fi hotspot function is 1.23 W/Kg.

FCC statement

This equipment has been tested and found to comply with the limits for 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:

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications to this device not expressly approved by Huawei Technologies Co., Ltd. for compliance could void the user's authority to operate the equipment.

Restrictions in the 5 GHz band:

Within the 5.15 to 5.25 GHz band, UNII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite System (MSS) operations.

General Inquiries <docomo Information Center>

0120-005-250 (toll free)

* Service available in: English, Portuguese, Chinese, Spanish, Korean.

* Unavailable from part of IP phones.

(Business hours : 9:00 a.m. to 8:00 p.m.)

■ From DOCOMO mobile phones (In Japanese only)

(No prefix) 151 (toll free)

* Unavailable from land-line phones, etc.

■ From land-line phones (In Japanese only)

0120-800-000 (toll free)

* Unavailable from part of IP phones.

(Business hours : 9:00 a.m. to 8:00 p.m. (open all year round))

● Please confirm the phone number before you dial.

● For Applications or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo Shop etc. near you on the NTT DOCOMO website.

NTT DOCOMO website <http://www.nttdocomo.co.jp/english/>

Repairs

■ From DOCOMO mobile phones (In Japanese only)

(No prefix) 113 (toll free)

* Unavailable from land-line phones, etc.

■ From land-line phones (In Japanese only)

0120-800-000 (toll free)

* Unavailable from part of IP phones.

(Business hours : 24 hours (open all year round))

Loss or theft of terminal or payment of cumulative cost overseas <docomo Information Center>

(available 24 hours a day)

● From DOCOMO mobile phones

International call access code
for the country you stay

-81-3-6832-6600* (toll free)

* You are charged a call fee to Japan when calling from a land-line phone, etc.

※ If you use HW-03E, you should dial the number 81-3-6832-6600 (to enter '+', touch and hold the '0' key for at least one second).

● From land-line phones <Universal number>

Universal number
international prefix

-8000120-0151*

* You might be charged a domestic call fee according to the call rate for the country you stay.

※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

- If you lose your terminal or have it stolen, immediately take the steps necessary for suspending the use of the terminal.
- If the terminal you purchased is damaged, bring your terminal to a repair counter specified by DOCOMO after returning to Japan.

Failures encountered overseas <Network Support and Operation Center>

(available 24 hours a day)

● From DOCOMO mobile phones

International call access code
for the country you stay

-81-3-6718-1414* (toll free)

* You are charged a call fee to Japan when calling from a land-line phone, etc.

※ If you use HW-03E, you should dial the number 81-3-6718-1414 (to enter '+', touch and hold the '0' key for at least one second).

● From land-line phones <Universal number>

Universal number
international prefix

-8005931-8600*

* You might be charged a domestic call fee according to the call rate for the country you stay.

※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

● If you lose your terminal or have it stolen, immediately take the steps necessary for suspending the use of the terminal.

● If the terminal you purchased is damaged, bring your terminal to a repair counter specified by DOCOMO after returning to Japan.



Li-ion 00



Don't forget your mobile phone ... or your manners!
When using your mobile phone in a public place, don't forget to
show common courtesies and consideration for others around you.

Sales: NTT DOCOMO, INC.
Manufacturer: Huawei Technologies Co., Ltd.
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