



AQUOS *K*

SHF34

Basic Manual

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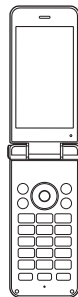
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Preface

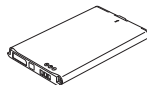
Thank you for buying the "AQUOS K SHF34" (simply called the "SHF34" or "product" from here on). Before using the product, be sure to read the "Basic Manual" (this manual) and "Settings Guide" on the au homepage to ensure correct use. After you have finished reading the manuals, be sure to keep them accessible.

List of Packaged Items

Before your start using the product, make sure that you have all the following packaged with the product.



SHF34



Battery Pack
(SHF34UAA)

- 取扱説明書 (Basic Manual) (Japanese)
- 設定ガイド (Setting Guide) (Japanese)

The following items are not included in the package.

- Desktop holder
- microSD memory card
- AC adapter
- Earphone
- microUSB-3.5 ϕ conversion cable
- microUSB cable

- Purchase a specified charger (sold separately).

© Illustrations of cell phones in this manual are only for reference. They may look different from the actual product.

Instruction Manual

■ “取扱説明書” (Basic Manual) and “設定ガイド” (Setting Guide)

Handles only basic operations for main features.

■ “取扱説明書 詳細版” (Full Instruction Manual)

For detailed descriptions of various functions, refer to the “Full Instruction Manual” (“User Guide” Japanese) available on the au homepage:

<https://www.au.com/support/service/mobile/guide/manual/>

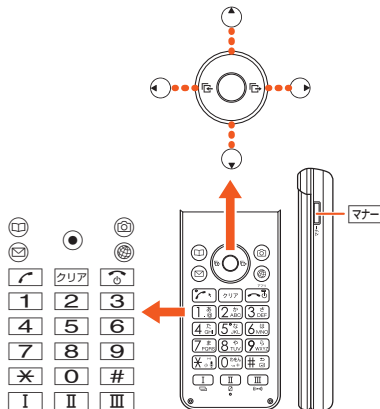


Illustrations and Descriptions in This Manual

■ Note on Key Illustrations

In this manual, the key illustrations are simplified as shown below.

Pressing ◀ or ▶.....	↻
Pressing ◀ or ▶.....	↻
Pressing ◀, ▶, ◀, or ▶.....	↻



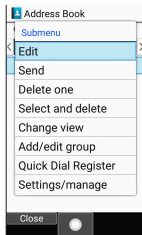
■ Description of Operations for Selecting Item/Icon/Button, etc.

In this manual, step descriptions for selecting a menu item/icon/on-screen button, etc. with  or  and then pressing  (OK/Check/Set/Commit/Done) are abbreviated as [].

Example: To edit phone book contacts

1 When the standby screen is displayed, press → Select the contact to edit → (Submenu) → [Edit].

Indicates to select "Edit" with  and commit with .



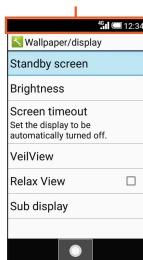
◎ For details on key operation, refer to "Learn Basic Key Operations" (▶ P.60).

■ Notes on Illustrations/Screenshots

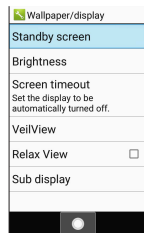
Screenshots and operation instructions in this manual are based on the product with an au Nano IC Card O4 LE is inserted.

The illustrations and screenshots in this manual may look different from the actual product or screens. Also, part of the screen may be omitted.

In this manual, part of the screen such as icons are omitted.



Actual screen



In this manual

- ◎ Display descriptions in this manual are for the product with the body color "royal green".
- ◎ Content at the bottom of the screen that can be operated by pressing , , , , or  are indicated in parentheses, such as  (Submenu).
- * However,  (OK)/ (Check)/ (Set)/ (Commit)/ (Done) are abbreviated as  only.

- ◎ Menu items, layers and icons described in this manual may be different according to functions and conditions to use.
- ◎ In this manual, "au Nano IC Card 04 LE" is abbreviated as "au IC card".
- ◎ In this manual, "microSD™ memory card (commercially available)" and "microSDHC™ memory card (commercially available)" are abbreviated as "microSD memory card" or "microSD".
- ◎ All of the indicated amounts exclude tax unless otherwise specified.
- ◎ Company names and product names referred to in this manual are trademarks or registered trademarks of the respective companies. The TM, ® marks may be omitted in this manual.

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Safety Precautions

When Using the Product

Before you start using the product, be sure to read "Safety Precautions" in this manual to ensure correct use.

Before you assume that the product is malfunctioning, check "Troubleshooting" in this manual. Or, check for possible remedies in "トラブル診断" (Japanese) of au homepage:

<https://www.au.com/trouble-check/>

- Communication is not possible even inside the service area in places where the signal does not reach (e.g. tunnels and basements). Also, communication may not be possible in poor reception areas. Communication may be interrupted if you move into poor reception areas during communications.
- Since this product uses radio waves, the possibility of communication intercepts by third parties cannot be eliminated (though the LTE/UMTS/GSM system has highly secure confidential communication features).
- VoLTE (LTE network) by au is used when connecting with emergency call receiving agencies within Japan. You cannot connect using 3G (circuit-switched network).
- The product is compatible with au World Service. Each network service described in this manual varies depending on the area and service content.

- Since the product is a radio station under the Radio Law, you may be asked to temporarily submit the product for inspection in accordance with the Radio Law.
- The IMEI information of your cell phone is automatically sent to KDDI CORPORATION for maintenance and monitoring operational status of your cell phone.
- If you are using the product overseas, check the relevant laws and regulations of the country/region you visit beforehand.
- The Company is not liable for any damages arising from earthquakes, lightning, storms, floods or other natural disasters, as well as fires, actions by third parties, other accidents, intentional or mistaken operation by the customer, or use under other unusual conditions outside the responsibility of the Company.
- The Company is not liable for any incidental damages (change/disappearance of saved content, loss of business income, disruption of business, etc.) arising from use of or inability to use the product.
- The Company is not liable for any damages arising from failure to observe the described content of this manual.
- The Company is not liable for any damages arising, for example, from malfunction caused by combination with connected devices or software not related to the Company.

- Captured image data or downloaded data may sometimes be altered or lost due to faults, repair or other handling of the product. The Company is not liable for any damage or lost income resulting from recovery of these data.
 - It is recommended you keep a copy of important data on your PC's hard disk, etc. Whatever the cause of the defect or malfunction may be, the Company assumes no responsibility for alteration or loss of saved data.
 - Contents saved in the product, such as contacts, mails and favorites might be altered or lost by an accident, fault, repair or mishandling. Be sure to keep a copy of important contents. Note that the Company assumes no responsibility for any damages or lost profits resulting from altered or lost contents.
 - Note that content data (both charged or free of charge) saved on the product cannot be returned to the customer when the product is replaced for repair of a fault, for example.
 - The product uses liquid crystal for its main display. Wearing polarizing sunglasses may result in the display appearing dark or distorted due to the characteristics of the sunglasses and the angle viewed at.
 - The product uses liquid crystal for its main display. The main display response speed may become slow when the ambient temperature is low, which is due to the characteristics of liquid crystal and is not a malfunction. The main display response speed will return to normal at room temperature.
 - Although the main display used on the product is made using high-precision technology, some pixels (dots) might be lit or out at all times. This is not a malfunction.
 - Allowing the same image to be displayed on the sub-display for a long period may leave a ghost image. However, this is not a malfunction.
 - You are recommended to store copies of individual data such as photos/movies you took and music in your PC by sending each file as mail attachment, etc. Note, however, that you may not be able to make copies of some copyrighted data even by the above-mentioned means.
 - Do not discard the product together with regular trash. Please cooperate in the collection of the product (including optional parts) when it is no longer needed to protect the environment and effectively use resources. Old products are collected at au shops and other places.
- * "The Company" as appears in this manual refers to the following companies:
 Sold by: KDDI CORPORATION, OKINAWA CELLULAR TELEPHONE COMPANY
 Manufacturer: SHARP Corporation
- Reproduction of the content of this manual in part or in whole is prohibited.
 - The content of this manual is subject to change without notice.
 - Every effort has been made in the preparation of this manual. Should you notice any unclear points, omissions, etc., feel free to contact us.

Safety Precautions (Observe Strictly)

- Before using the product, thoroughly read this "Safety Precautions" for proper use. After reading, store the precautions in a safe place.
- These precautions describe instructions that should be observed to prevent injury to the customer and others, or damage to property using the product.
- 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* ¹ may directly result from improper use".
 WARNING	This sign denotes that "death or serious injury* ¹ may result from improper use".
 CAUTION	This sign denotes that "minor injury* ² or damage to property* ³ may result from improper use".

*1 Serious injury: This refers to loss of sight, injury, burns (high- and low-temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or long-term hospital attendance as an outpatient.

- *2 Minor injury: This refers to injuries, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.
- *3 Physical damage: This refers to extended damage to buildings, furniture, livestock or pets.

Explanation of Graphic Symbols Used in This Manual

 Prohibited	Indicates an action that is not allowed.	 Wet hands prohibited	Indicates that handling with wet hands is not allowed.
 Disassembly prohibited	Indicates that disassembly is not allowed.	 Instruction	Indicates an action based on instructions that must be done.
 Wetting with water prohibited	Indicates that use in a place where the product is likely to get wet or allowing the product to get wet is not allowed.	 Disconnect plug from power outlet	Indicates that the power plug must be disconnected from the power outlet.

■ Precautions Common to the Main Unit, Battery Pack, Back Cover, Charger, au IC Card, Peripheral Devices

DANGER



Prohibited

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

Doing so may cause fire, burns, injuries, or electric shock.



Prohibited

Do not put the product into or near a heating cooking device such as a microwave oven or IH cooker, or high-pressure container such as a pressure cooker.

Doing so may cause fire, burns, injuries, or electric shock.



Prohibited

Do not put sand, dirt, or mud on the product or put it on them directly. Do not touch the product with hands to which sand or others adhere.

Doing so may cause fire, burns, injuries, or electric shock.

For details on water/dust resistance, refer to the following.

►P.28 "Notes on Waterproof/Dustproof/Shockproof Properties"



Prohibited

Do not charge when the product is wet with water (drinking water, perspiration, seawater, urine of pet animals, etc.).

Doing so may cause fire, burns, injuries, or electric shock.

For details on water resistance, refer to the following.

►P.28 "Notes on Waterproof/Dustproof/Shockproof Properties"



Prohibited

Do not subject the product to strong pressure or break the product. Especially when bringing the product putting in a pocket of clothes, do not let the product hit against surroundings or being put between the objects.

Doing so may cause fire, burns, or injury due to battery damage.

* Examples to avoid

- Sitting or squatting with the product put in a pocket of trousers or skirt
- Putting the product in a pocket of outer wear and catching them in a door or a door of car
- Stepping on the product on a soft object such as a sofa, bed, or bedding, or on a floor



Disassembly prohibited

Do not disassemble or modify in that manner.

Doing so may cause fire, burns, injuries, or electric shock.



Wetting
with water
prohibited

Do not let the product get wet with water (drinking water, perspiration, seawater, urine of pet animals, etc).

Doing so may cause fire, burns, injuries, or electric shock.

For details on water resistance, refer to the following.

►P.28 "Notes on Waterproof/Dustproof/Shockproof Properties"



Wetting
with water
prohibited

Do not put water (drinking water, perspiration, seawater, urine of pet animals, etc.) into the charging terminal or the external connection terminal.

Doing so may cause fire, burns, injuries, or electric shock.

For details on water resistance, refer to the following.

►P.28 "Notes on Waterproof/Dustproof/Shockproof Properties"



Instruction

Use the optional products specified by au.

Not doing so may cause fire, burns, injuries, or electric shock.



WARNING



Prohibited

Do not drop, trample, or throw the product or give a strong force or vibration to it.

Doing so may cause fire, burns, injuries, or electric shock.



Prohibited

Do not allow conductive materials (metal pieces, pencil lead, etc.) to come in contact with the charging terminal or the external connection terminal, and do not allow dust to get inside.

Doing so may cause fire, burns, injuries, or electric shock.



Prohibited

Do not cover or wrap the product with bedding, etc. while using or charging the product.

Doing so may cause fire or burns.



Instruction

If charging is not completed after the specified charging time, stop charging.

Overcharging may cause fire, burns, or injuries.



Instruction

Make sure to turn off the product or stop charging before you get close to places like a gas station where a flammable gas or dust can be generated.

Using the product in places where a flammable gas can be generated may cause an explosion or fire.

When using Osaifu-Keitai® at a gas station, be sure to turn off the power in advance.

(If Osaifu-Keitai lock has been set, cancel the lock before turning off the power.)



Instruction

Perform the following operations while using, charging, or keeping the product if there are odors, noise, smoke, overheating, discoloring, deformation, or other abnormalities.

- Remove the power plug from the wall outlet.
 - Turn the product OFF.
 - Remove the battery pack from the product.
- Not doing the above operations may cause fire, burns, injuries, or electric shock.



CAUTION



Prohibited

Do not use the damaged product.
Doing so may cause fire, burns, or injuries.



Prohibited

Do not leave the product on unstable or sloping surfaces. Be careful especially when the product is set to vibrate.
The product may fall and cause injuries.



Prohibited

Do not use or store the product in humid or dusty places, or places that get hot.
Doing so may cause fire, burns, or electric shock.
For details on water/dust resistance, refer to the following.
►P.28 "Notes on Waterproof/Dustproof/Shockproof Properties"



Prohibited

When children use the product, do not let them use incorrectly without instruction by an adult for proper use.
Doing so may cause injuries.



Prohibited

Do not store the product within the reach of small children.
Doing so may cause accidental swallow, injuries, or electric shock.



Instruction

Be careful when using the product continuously for a long time or charging as it gets hot. Also, avoid touching the product for a long time by falling asleep unintentionally.
The product, battery pack, or specified charger (sold separately) may become hot when using for a long time such as apps, calling, data communication, watching TV or videos, or while charging. Depending on your physical predisposition and physical condition, contacting with a high temperature part may cause skin redness, itching, rash, or low-temperature burns.

Main unit



DANGER



Prohibited

Do not throw the product into fire or apply heat.
Doing so may cause fire, burns, or injuries.



Prohibited

Do not apply excessive force such as sticking a nail into the product, hitting it with a hammer, or stepping on it.

Doing so may cause fire, burns, or injuries.



Instruction

If the substance inside the product comes into contact with your eyes or mouth, do not rub the area but immediately rinse the area with clean water, and then see a doctor right away.

Not doing so may cause loss of sight or poor physical condition due to the influence of the substance, etc. inside the product.



WARNING



Prohibited

Do not send data by infrared communication with the infrared port pointing toward eyes.

Doing so may adversely affect on eyes.



Prohibited

Do not operate to point the infrared port toward some other infrared device when using infrared communication function.

Doing so may cause an accident, etc because of malfunction of infrared device.



Prohibited

Do not watch a repeatedly flickering screen for a long time.

Doing so may cause muscle spasms or loss of consciousness, etc.



Prohibited

Do not allow water or other liquids (drinking water, perspiration, seawater, urine of pet animals, etc.), metal pieces, flammable material or foreign object into the au IC card slot or the microSD memory card slot on the product.

Do not mistake the place and direction of the au IC card slot or the microSD memory card slot.

Doing so may cause fire, burns, injuries, or electric shock.



Prohibited

Do not expose the camera lens to direct sunlight for an extended period.

Doing so may cause fire, burns, or injuries by the light-collecting mechanism of the lens.



Instruction

Turn off the product or set it to Airplane mode before going aboard an airplane.

Since using the product on airplanes is restricted, follow the instructions given by the respective airlines.

The product's signals may adversely affect on-board electronic equipment.

If you commit a prohibited act while using the product on an airplane, you might be punished by law.



Instruction

Follow the instructions given by the respective medical institution regarding the use of the product in a hospital.

Turn off the product in areas where the use of the product is prohibited.

The product's signals may affect electronic equipment and electronic medical equipment.



Instruction

When using the handsfree call, loud ringtone is ringing, or in the standby mode, be sure to keep the product off of the ears.

Also, when playing games, video, or music with an earphone microphone connected to the product, adjust the volume to the proper level.

When using the handsfree call, note that the speaker may emit loud sound.

Ringtone or alarm sound can be heard even in the standby mode.

Turning the sound on with the volume set too loud or using the product continuously for a long time may adversely affect your ears.

Doing so may prevent surrounding sound from being heard, causing an accident.



Instruction

If you have a weak heart, be careful when setting the ringtone vibration and incoming volume.

Sudden ringtone vibration and ringtone surprise you, it may cause harmful effect on heart.



Instruction

To use electronic medical equipment, check with electronic medical equipment manufacturer or vendor to determine how devices are affected by radio waves before using.

Not doing so may cause harmful effect on electronic medical equipment, etc.



Instruction

Turn the product off near high-precision electronic control equipment or electronic equipment using low-power signals.

Not doing so may cause the equipment to fail or malfunction due to the product's signals.

*** Examples of electronic equipment to avoid**

A hearing aid, an implanted pacemaker, an implanted cardioverter-defibrillator, other electronic medical equipment, or other automatic control devices, etc. To use an implanted pacemaker, an implanted cardioverter-defibrillator, or other electronic medical equipment, check with electronic medical equipment manufacturer or vendor to determine how devices are affected by radio waves before using.



Instruction

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

Not doing so may cause burns, injuries, or electric shock with damaged parts or exposed parts.

CAUTION



Do not swing the product around by holding strap, etc.

Prohibited Doing so may cause an accident.



For using a motion sensor, check the safety around, hold the product and do not swing it more than necessary.

Prohibited Doing so may cause an accident.



If the display breaks and the fluid, etc. leaks out from inside, do not let the fluid contact with the skin on your face or hands or clothes.

Prohibited Doing so may cause eye or skin problems. If the substance inside the display comes into contact with your eyes or mouth, immediately rinse the area with clean water. Also, if it comes into contact with your eyes or mouth, seek medical treatment immediately after rinsing the contacted area.



When removing the back cover, do not apply excessive force.

Prohibited Doing so may cause injuries with the back cover damaged.



Do not nip a part of your body such as fingers while attaching the back cover.

Prohibited Doing so may cause injuries.



Do not use with the back cover removed.
Doing so may cause burns, injuries, or electric shock.



Instruction

To use the product in car, check with automobile manufacturer or dealer to determine how vehicle devices are affected by radio waves before using.

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



Instruction

If you develop skin problems, stop using the product immediately, and see a doctor.

Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. For details on material of each part, refer to "Material List" (►P.20).



Instruction

Be careful not to nip a part of your body such as fingers while opening and closing the product.

Nipping a part of your body such as fingers may cause injuries.



Instruction

Make sure that there is no metal (a blade of cutter, staple, etc.) on the product because the earpiece (receiver) and speaker section contain parts that generate magnetic waves. Not doing so may cause injuries with adhered metal pieces.



Instruction

Use the product in a well-lighted area and put some distance between you and the display when watching the display.
Using the product in dark places or near eyes may affect your vision.

Battery Pack



DANGER



Prohibited

Do not allow metal objects (such as necklaces and hairpins) or conductive materials to come in contact with the contact terminal. Also, do not carry or store the battery pack with them.
Doing so may cause fire, burns, or injuries.



Prohibited

If you cannot install the battery pack in the product, do not force it in. If it is difficult to remove the battery pack from the product, do not forcibly remove the battery pack.
Doing so may cause fire, burns, or injuries.
For details on attaching/removing the battery pack, refer to the "Setting Guide".



Prohibited

Do not throw the product into fire or apply heat.
Doing so may cause fire, burns, or injuries.



Prohibited

Do not apply excessive force such as sticking a nail into the product, hitting it with a hammer, or stepping on it.
Doing so may cause fire, burns, or injuries.



Instruction

Confirm the direction of the battery pack when connecting the battery pack into the product.

Improper connection may cause fire, burns, or injuries due to battery pack ignition, rupture, overheat, or leak.

For details on attaching the battery pack, refer to the "Setting Guide".



Instruction

If the substance inside the battery pack comes into contact with your eyes, do not rub the contacted area but immediately rinse the area with clean water, and then see a doctor right away.

Not doing so may cause loss of sight or poor physical condition due to the influence of the substance inside the battery pack.



WARNING



Prohibited

Do not use the product if there are odors, overheating, discoloring, deformation, or other abnormalities.
Doing so may cause fire, burns, or injuries.



Instruction

Stop using the product immediately and move the battery pack away from fire if you notice leakage of substance, etc. inside the battery pack or unusual odor.

Not doing so may cause the leaked fluid to catch fire resulting in ignition or rupture.



Instruction

Do not allow pets or animals to chew on the battery pack

Doing so may cause fire, burns, or injuries due to battery pack ignition, rupture, overheat, or leak.



CAUTION



Prohibited

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

Doing so may cause eye or skin problems.

If the substance inside the display comes into contact with your eyes or mouth, immediately rinse the area with clean water.

Also, if it comes into contact with your eyes or mouth, seek medical treatment immediately after rinsing the contacted area.



Prohibited

Do not discard the old product together with regular trash.

Doing so may cause fire, burns, or injuries.

Also, may cause environmental disruption.

Insulate all terminals of the battery pack with insulation tape when it is no longer needed.

Bring them to a sales outlet such as au Shop, or if your local municipality has a battery recycling program, dispose of them as provided for.



Prohibited

Do not use or charge a wet battery pack.

Doing so may cause fire, burns, or injuries.

Charger



WARNING



Prohibited

Do not use if the cord of the specified charger (sold separately) is damaged.

Doing so may cause fire, burns, or electric shock.



Prohibited

Do not use the specified charger (sold separately) or desktop holder (sold separately) in a humid place such as a bathroom.

Doing so may cause fire, burns, or electric shock.



Do not touch the specified charger (sold separately) if you hear thunder.
Prohibited Doing so may cause electric shock.



Do not short the charging terminal while it is connected to an outlet. Do not allow any part of your body such as your hands or fingers to come into contact with the charging terminal.
Prohibited Doing so may cause fire, burns, or electric shock.



Do not place heavy objects on the cord of the specified charger (sold separately), or do not pull the cord with excessive force.
Prohibited Doing so may cause fire, burns, or electric shock.



When you plug/unplug the specified charger (sold separately) into/from the outlet, do not contact metal straps or other metal objects with the jack.
Prohibited Doing so may cause fire, burns, or electric shock.



Do not connect a transformer for overseas travel (travel converter) to the specified charger (sold separately).
Prohibited Doing so may cause ignition, overheating, or electric shock.



Do not apply excessive force on the connection part with the specified charger (sold separately) connected to the product.
Prohibited Doing so may cause fire, burns, injuries, or electric shock.



Do not touch the cord, charging terminal, power plug, or desktop holder of the specified charger (sold separately) with wet hands.
Wet hands prohibited Doing so may cause fire, burns, or electric shock.



Use the product at the specified power supply voltage.
Instruction **When charging the product overseas, use the specified charger (sold separately) for global use.**

Incorrect power supply voltage may cause fire, burns, or electric shock.

AC adapter : 100 V AC (Connect to an AC outlet for internal household use)

AC adapter for global use : 100 V AC - 240 V AC (Connect to an AC outlet for internal household use)



Wipe off dust on the power plug.
Instruction Not doing so may cause fire, burns, or electric shock.



Fully plug the specified charger (sold separately) into the outlet.
Instruction Not doing so may cause fire, burns, or electric shock.



Instruction

Always grasp the body of the specified charger (sold separately) when unplugging the power plug from the outlet. Do not apply excessive force on it such as pulling the cord of the specified charger (sold separately).

Pulling the cord of the specified charger (sold separately) may damage the cord and cause fires, burns, electric shock, etc.



Instruction

When plugging/unplugging the specified charger (sold separately) into/from the product, do not pull the cord with excessive force. Instead, plug/unplug it straightly toward the jack to connect.

Not doing so may cause fire, burns, injuries, or electric shock.



Instruction

Stop using the product immediately if you notice deformation of the charging terminal. Also, stop using the product after recovering the original form of the terminal.

Short-circuiting of the charging terminal may cause fire, burns, injuries, or electric shock.



Disconnect plug from power outlet

When the specified charger (sold separately) is not to be used for a long time, disconnect the power plug from the outlet.

Not doing so may cause fire, burns, injuries, or electric shock.



Disconnect plug from power outlet

Immediately remove the power plug from the outlet if water or other fluids (drinking water, perspiration, seawater, urine of pet animals, etc.) get on the adapter.

Not doing so may cause fire, burns, injuries, or electric shock.



Disconnect plug from power outlet

Always remove the power plug from an outlet when cleaning the equipment.

Not doing so may cause fire, burns, or electric shock.



CAUTION



Prohibited

Do not touch the specified charger (sold separately) for a long time when connected to an outlet.

Doing so may cause burns.

■ au IC Card



CAUTION



Instruction

Be careful of the cut surface when handling an au IC card as it may damage a part of your body such as fingers, etc.

The cut surface may cause injuries with adhered metal pieces.

■ Use near Medical Instruments and Inside Medical Facilities

WARNING



Instruction

Wearers of medical equipment such as implanted pacemakers or defibrillators must carry and use the product at least 15 cm away from the implanted device.

Radio waves may affect the performance of electronic medical equipment.



Instruction

When using electronic medical devices as home medical treatment other than an implanted pacemaker and an implanted cardioverter-defibrillator outside medical facilities, check individually with the manufacturer of the electronic medical equipment regarding the influence of radio waves.

Radio waves may affect the performance of electronic medical equipment.



Instruction

Make sure that the product will not emit any signals (turn off power, put it in Airplane mode, etc.) if within 15 cm of those around you, such as where crowded and you cannot move freely.

Since there may be people with an implanted pacemaker or an implanted cardioverter-defibrillator nearby, Radio waves may affect the performance of electronic medical equipment.



Instruction

When using the product in medical facilities, be sure to observe the regulations of the facility.

Radio waves may affect the performance of electronic medical equipment.

■ Material List

■ Main unit (SHF34)

Part	Material/Surface treatment
Exterior (main display side)	Acrylic resin+PC resin/Hard coating
Exterior (sub-display side)	Acrylic resin/Hard coating
Exterior (side surface of display side)	PA resin (with glass)/Coating, hard coating
Exterior (key side)	PET resin/UV curable resin
Exterior (side surface of key side)	PA resin (with glass)/Coating, hard coating

Part	Material/Surface treatment
Exterior (hinge part)	Top: PA resin (with glass)/ Coating, hard coating Bottom: PC resin+ABS resin/ Coating, hard coating
Exterior (side surface of hinge part)	PC resin+ABS resin/Coating, hard coating
Exterior (antenna part)	PC resin+ABS resin (with glass)/Gold plating
Exterior (screw)	Stainless steel
Exterior (battery storage side sticker)	PET resin
Exterior (battery storage side metal)	Nickel silver
Camera panel	Acrylic resin/Hard coating
Keys (key cosmetic)	UV curable resin
Side key	PC resin/Coating, hard coating
Quick open button	Resin part: PC resin Metal part: Aluminium/Anodized aluminum
Charging terminal (metal part)	Stainless steel/Gold plating
Charging terminal (resin part)	ABS resin
External connection terminal (resin part)	PA resin

Part	Material/Surface treatment
External connection terminal (metal part)	Stainless steel+copper alloy/ Tin plating, gold plating
Infrared port	Acrylic resin
microSD card slot (metal part)	Cover: Stainless steel Terminal: Copper alloy/Gold plating
microSD card slot (resin part)	LCP resin
au IC card slot	Cover: Stainless steel Terminal: Copper alloy/Gold plating Resin part: LCP resin
Battery terminal (connector)	PA4T
Battery terminal	Copper alloy/Gold plating
Fitting cover	UV curable resin
Exterior (battery storage)	PA resin (with glass)
Water soak sheet	Paper/Printing
Standards nameplate	Polyester resin/Printing
Back cover (main unit)	PC resin (with glass)/Coating, hard coating, printing
Back cover (rubber seal)	Silicon rubber
Back cover (battery cover cushion)	PET resin

Part	Material/Surface treatment
Back cover (battery cover upper cushion)	PC resin
Back cover (FeliCa antenna)	Ferrite+PET resin+adhesive

■ Battery Pack

Part	Material/Surface treatment
Battery pack	PC resin
Connection terminal	Copper alloy/Gold plating
Water soak sheet	High quality paper/PET resin
Label	PET resin/Mat- and vanish-finish printing

Handling Precautions

These precautions are provided to prevent product faults and to ensure that performance can be fully demonstrated. Thoroughly read these precautions to ensure correct use.

■ Precautions common to the main unit, battery pack, back cover, charger, au IC card, peripheral devices

- Do not apply excessive force to the product during use. Be sure not to put the product into a tightly packed bag or place a heavy object on the product in a bag. Sitting on the product in your pocket might damage the display or internal circuit board resulting in a damage or malfunction.
- Keeping an external device connected to the external connection terminal might damage the connector resulting in a malfunction. Such damage and malfunction are not covered by the warranty, even if there is no external damage.

- To ensure water/dust resistance (equivalent to IPX5, IPX8, and IP5X) of the product, use the product with the back cover tightly closed.

Note that the waterproof property is not guaranteed in every usage condition. Do not allow liquid or dust to get inside the product or allow liquid or dust get on the battery pack, charger, or optional accessories. Do not attach/remove the back cover of the product in the rain or with any water on its surface. Doing so may cause water intrusion resulting in internal corrosion.

Malfunctions determined to be caused by such water intrusion are not covered by the warranty.

- Do not use the product in extremely hot, cold or humid places.
(Use within an ambient temperature range of 5°C to 35°C and humidity range of 35% to 85%.)
 - Charger
 - Peripheral devices
- Do not use the product in extremely hot, cold or humid places.
(Use within an ambient temperature range of 5°C to 35°C and humidity range of 35% to 85%.)
 - SHF34
 - Battery pack, au IC card (inserted into SHF34)
- Do not use in places subject to lots of dust or vibration. Doing so may cause malfunction.
- Clean the connection terminal now and then with a dry cotton swab. Soiled terminals may result in a poor connection. Avoid using excessive force, which can bend the connection terminal.

- Clean the product with a soft dry cloth (such as the type used for eyeglasses). Forceful rubbing with a dry cloth may scratch the display. The display may be stained if splash or smear is left attached to the surface. Wiping the product using alcohol, thinner, benzene, detergent, etc. might erase the printing on the outer cover or cause malfunction.
- Use as far away as possible from fixed-line phones, TVs and radios. Use nearby might affect them.
- The product may become warm while charging or during other operations, depending on the situation, but this is not abnormal.
- Turn off the power of the product before removing the battery pack. If you remove the battery pack with the power on, saved data might be altered or lost.
- Do not place near corrosive chemicals or in places where corrosive gas is generated. Doing so may cause malfunction.
- Do not use outside when you can hear thunder. Doing so might risk lightning strikes and electric shock.
- Be sure to use only the specified peripheral devices. Use of other peripheral devices might cause malfunction.
- Do not put the product in a cooking apparatus such as microwave oven or a pressure vessel. Doing so may cause malfunction.
- The customer is not allowed to disassemble, modify or repair the product. Doing so may cause malfunction. Modification of the product is in violation of the Radio Law and Telecommunications Business Law.

- To prevent short-circuiting of the connection terminal, do not allow your fingers or any other part of your body or conductive materials (metal, pencil lead, etc.) to come in contact with or enter these areas. Doing so may cause malfunction.
- In the event that the product gets wet while charging, immediately disconnect the power plug of the specified charger (sold separately).
- Do not use the product while driving a car or riding a motorbike or bicycle or while walking. Use of a mobile device while driving a car or motorbike is prohibited by law. Use of a cell phone while riding a bicycle may be punishable by some regulations.
- Using or charging the product in a bag or while it is covered with bedding may cause malfunction.
- When using a charger or external device, insert/remove the connector straight to/from the jack. Improper connection may cause a fault.
- Do not expose the camera lens to direct sunlight for an extended period. Doing so may cause malfunction.
- Do not store the product in places subject to direct sunlight (e.g. in a car), places that get hot, places that get extremely cold, and in humid or dusty places. Doing so may cause malfunction.
- Do not leave the product on unstable or sloping surfaces. Be careful especially when the product is charging or set to vibrate. The product may fall and cause malfunction.
- For charging the product, do not exceed the rating of an outlet or wiring device by overloading an electrical circuit, etc.

- When the product gets warm while charging, some functions, screen brightness, etc. may be unavailable.

Main unit

- Do not forcefully press, tap or intentionally subject the display to strong impact. Doing so may cause scratching or damage.
- Do not forcefully press sharp objects or hard objects against keys or display surface. Doing so may cause scratching or damage.
- The product's keypad (touch area) can be operated with your fingers as a touchpad (Touch Cruiser EX). However, in the following cases, the touch area may not respond to touch operation. These may also result in malfunction.
 - With gloves on
 - With fingernails
 - With another object placed on the operation area
 - With a sticker, etc. adhered
 - With any water or condensation
 - With wet or sweaty fingers
 - Under water

- Never use the modified product. Use of a modified device violates the Radio Law and Telecommunications Business Law. The product follows the regulations regarding the certification of conformity with technical regulations for specific radio stations etc. based on the Radio Law and authentication of conformity with technical regulations for devices etc. based on the Telecommunications Business Law, and the "Technical Conformity Mark ㊞" can be displayed on the electronic nameplate of the product as a proof. To check the electronic nameplate:
From the standby screen, press ㊞ → [Settings] → [Other settings] → [Device info] → [Authentication]
If modifications are made to the internal components by removing the screws of the product, the certifications of conformity with technical regulations will become invalid. Never use the product without these certifications valid. Doing so violates the Radio Law and Telecommunications Business Law.
- Take care not to place magnetized items such as magnetic cards, speakers and TV sets near the product, as it might cause malfunction. Putting strong magnetism close to the product might cause false operation.
- Do not bring magnetized cards such as cash cards, credit cards and prepaid cards closer to the product. Doing so may result in loss of recorded information.
- When you put the product in your pocket or bag, take care so that the display does not come in contact with metal objects or other hard objects. Doing so may cause scratching or damage. Be aware that any metal or other hard cell phone strap that comes into contact with the display may scratch or damage them.
- When suddenly brought into a warm place from a cold place, or when in a humid location, or when used where temperature suddenly changes (e.g. near the air discharge port of an air conditioner), water drops (i.e. condensation) sometimes are formed inside the product. Note that when used under conditions such as this, humidity might cause corrosion or a fault.
- Do not exert excessive force when attaching/removing a microSD memory card. Doing so may cause injury to your hand or finger.
- While writing/reading data to/from a microSD memory card, do not subject the product to vibration or impact, remove the battery pack, or turn off the power. Doing so may cause data loss or malfunction.
- Do not remove the black sheet on the inside of the back cover. Doing so may prevent Osaifu-Keitai® from reading/writing properly.
- Covering earpiece (receiver)/speaker section, mouthpiece (microphone), or air vent with stickers or fingers may hinder product performance.
- If the display gets damaged, immediately stop use and contact an au shop or Repair and Delivery Service Center. Keeping using it may cause injury.

- Putting a sticker, etc. on the main display or a key may cause malfunction or shortened usage time. Also, doing so may damage the product.
- Be careful not to pinch your fingers when opening/closing the product.
- If you put magnetized objects, metal straps, etc. close to the product, the speaker section sometimes emits sounds. This is not a fault.
- Bright places such as under the direct sunlight sometimes make it hard to see the display. This is not a fault.
- Do not use with the back cover removed. Do not leave or store in that manner. Doing so may allow dust or other foreign matter to enter and cause a fault.
- Do not allow liquids, metal pieces, or other foreign matter into the au IC card slot or the microSD memory card slot on the product. Doing so may cause malfunction.
- Do not give strong impact on the product such as dropping, throwing, stomping. Doing so may cause malfunction.
- Do not put the product directly on sand at a beach, etc. If sand or other small particles might get inside the earpiece/speaker, or mouthpiece, it may cause the volume to drop or malfunction.

■ OEL display

- The product uses an OEL display in its sub-display. While OEL displays may experience lowered partial brightness if same images are displayed for a long time or if used for an extremely long time, this is due to the characteristics of the OEL display and is not a malfunction.
- OEL displays are manufactured with high-precision technology, and may experience very limited instances of pixels not lighting or being always on. Brightness may also appear unevenly in bands depending on the angle. This is due the structure of the OEL display, and is not a malfunction.
- Leaving an OEL display under direct sunlight might cause malfunction. Use caution when placing near a window or outdoors.

■ Battery pack



Li-ion00

(The battery pack of the product is a lithium-ion battery.)

The battery pack is not fully charged at the time of purchase. Charge the battery before using the product. Also charge the battery after long periods of disuse before using the product.

- Use in very hot or cold environments, for example, when left in an automobile with the windows closed in summer, will cause the battery capacity to drop and shorten the available battery usage time. This will also shorten the battery pack's service life. Try to use the battery pack as much as possible at room temperature.
- When the battery pack is not to be used for a long time, remove the battery pack from the product, and store it away from hot and humid places.
- The battery pack is a consumable item. If the performance of a battery pack does not recover (e.g. the usable time after each charge has become extremely short), the battery pack is at the end of service life, so stop use and buy a new one of the specified type. Note that the length of service life varies depending on the usage condition, etc.
- Battery packs sometimes swell up as they approach the end of their service life depending on the usage condition. This is due to the properties of lithium-ion batteries, and is not a problem in terms of safety.
- Do not use a battery pack that has been damaged or that is leaking battery fluid. Doing so may cause malfunction.
- Do not wet the battery pack with water, etc. A wet battery pack may cause malfunction. If you drop the product into water by mistake, immediately turn off the power, remove the battery pack, and contact an au shop or Repair and Delivery Support Center. Never charge a wet battery pack.

■ Charger

- Do not wrap power cords of the specified charger (sold separately) around the charger. Do not forcibly bend a plug of the charging equipment or the connection between the connector and power cord. Do not place heavy objects on the cord of the charger (sold separately), or do not pull the cord with excessive force. Doing so may cause malfunction.
- When unplugging the power plug of the specified charger (sold separately) from the outlet, hold the power plug to do so. If you pull the cord, it might be damaged.

■ au IC Card

- Do not forcibly remove or insert the au IC card. Be careful not to exert excessive force when inserting the card into your au cell phone.
- You are responsible for any damage caused by inserting your au IC card into some other IC card reader/writer, etc.
- Do not put stickers, etc. on the au IC card.
- Do not insert au IC card with a conversion adapter attached to. Doing so may cause malfunction.
- Do not damage the au IC card (use in a hot place, throw into fire, contact the metal part with foreign object, give an impact, bend, apply a load, moisten, etc.). Doing so may cause data loss or malfunction.

■ Camera

- If the camera lens breaks, immediately discontinue using and contact an au shop or Repair and Delivery Service Center. Continued use may cause injury.

- When photographing important occasions, take a trial shot and check the shot image to make sure it is correctly shot.
- Do not shoot in areas where shooting is prohibited.

■ Copyrights and rights of portrait

- If the data you shot or recorded using the product or the data you downloaded from the Internet, etc. is in part or in whole protected by the third party's copyright, you are not allowed to copy, distribute, publicly send, modify the data without consent of the copyright holder, except for personal use, under the copyright law.
In addition, do not use or modify portraits or names of other individuals without their consent, as it may infringe on rights of portrait.
Note that shooting and recording might be restricted at some live performances, shows and exhibitions even for personal use.
- Be careful about the copyright and portrait right when posting photos you shot, etc. on Internet homepages.

■ Back up content on the product

- Please back up important content recorded or downloaded to the product to an outside source. Content recorded to memory on the product sometimes disappears or is altered by unexpected factors, such as static electricity or a fault, or by repair, mishandling, etc.

Notes on Waterproof/ Dustproof/Shockproof Properties

Before using the product, thoroughly read "Notes on Waterproof/Dustproof/Shockproof Properties" to ensure correct use. Failure to follow the contents described in these sections may cause the intrusion of water or sand, resulting in overheating, ignition, electric shock, injury or a fault.

Operation of the product in every possible condition during actual use is not guaranteed. Malfunctions determined to be caused by mishandling by the customer, for example, not following the contents described in "Notes on Waterproof/Dustproof/Shockproof Properties", are not covered by the warranty.

Waterproof/Dustproof/Shockproof Properties of the Product

The product has the protection rating (JIS C 0920) for water resistance equivalent to IPX5*¹ and IPX8*² as well as dust resistance equivalent to IP5X*³ on the condition that the back cover is completely attached (by Company test methods).

And the product has shock resistance that meet the MIL-SPEC*⁴ (based on in-house testing).

- *1 IPX5 means that the cell phone continues to function as a phone after being subjected to a water jet (approximately 12.5 liters/min) discharged from a water pouring nozzle (inner diameter: 6.3 mm), from all directions and approximately 3 meters away from the cell phone for at least 3 minutes.
- *2 IPX7 means that the cell phone continues to function as a phone after being gently lowered into a tank filled with still tap water (at room temperature) to the depth of 1.5 meter, immersed at the bottom for approximately 30 minutes and then taken out of the tank.
- *3 IP5X means that the cell phone continues to function and safely maintain functioning as a phone after being placed in a test device containing 75 μ m-particles and agitated for 8 hours and then removed. (Intrusion of particles is not completely blocked.)
- *4 MIL standards compliance
MIL-STD-810G Method 516.7 as per the US Department of Defense: According to standards complying with Shock-Procedure IV, the product is tested by being dropped from a height of 1.22 m in 26 directions onto plywood (lauan).
 - * This does not guarantee resistance against all types of shock. As this assumes shock resistance during usage in everyday situations, care should be taken as breakage may occur if thrown, forcefully dropped, or otherwise subjected to excessive shock. Droppage may cause scratches even if functionality is not affected.

■ What the waterproof/dustproof properties allow you to do

- To use the product at the poolside. However, do not get it wet with water other than tap water such as water in the swimming pool or submerge it in water in the swimming pool.
- To wash the product with the low-pressure water flow of a tap water (6 liters/min or lower) at the room temperature (5° C to 35° C).

■ Handling the product

- Close the back cover securely. The waterproof property is shown its ability by completely closing the cover. Even a fine obstacle (hair, sand, tiny fiber, etc.) put between contact surface may cause liquid or dust to get inside.
- If liquid such as water is splashed onto the product with the back cover opened, the liquid may seep inside and cause electric shock or malfunction. Discontinue using the product, turn off the power and then contact an au shop near you or Repair and Delivery Support Center.
- When the product is wet, wipe it with a dry and clean cloth.
- When your hand or the product is wet, never open/close the back cover.
- The product is resistant to fresh and tap water at room temperature (5° C to 35° C) only. If you let the product get wet with or submerged into the liquids other than fresh and tap water at room temperature, stop using it and wash it with fresh and tap water at room temperature.

- Do not use the external connection terminal when the jack is wet or sand or dust is attached to it. Doing so may cause impairment of the waterproof property or cause electric shock, short circuit, etc. resulting in a fire, burns, or a fault.

■ Dustproof property of the product

- The dustproof property of the product only guarantees a protection rating equivalent to IP5X and does not guarantee its performance under other using conditions such as when the product is directly put on sand such as a beach.
- If dust is attached to the product, immediately wash it away with water or otherwise clear it completely before use.

■ Notes on Using the Product

- Do not let the product submerged into or get wet with the liquids (seawater, water from a swimming pool, hot water of hot spring, water containing soap, detergent, bath powder, alcohol, soft drink, seasoning, etc.) other than tap water. Also, do not use it in a place where it gets wet with pet urine.
If the product gets splashed, immediately rinse it off with tap water.
- If foreign object such as salt water, seawater, drink, seasoning, food, dirt or soil is attached on the product, immediately wash it away.
When it gets dry and coagulated on the product, the stains get hard to get rid of and may cause scratching or fault.

- Using the product without completely washing sand or mud away may cause fault such as scratches and damages on the product.
- Do not immerse the product in a bathtub or swimming pool. Also, do not use the product underwater (including key operations).
- The product is not designed to withstand high water pressure. Do not expose the product to a strong water flow with tap water, shower, etc. (6 liters/min or more) or submerge it under water.
- Do not expose the product to boiling water or hot air (from hairdryers, etc.). Also, do not use the product in saunas. The product is not designed to be heat resistant.
- The rapid changes of temperature may cause condensation, resulting in malfunction. Wait until the product reaches room temperature before you bring it from a cold place into a warm place.
If condensation occurs, leave it in room temperature until the condensation is removed.
- Do not use or leave the product in a humid place such as a bathroom or kitchen for an extended period of time.
- The product does not float on water.
- Volumes may temporarily become lower due to water entering in the earpiece, mouthpiece and speaker.
Drain water and dry the product well before use.
- The product does not float on water.
- Do not use the product in heavy rain.
- Do not leave the product wet. Doing so may let the liquids freeze on the product in cold places or otherwise cause fault.

- Do not place the product directly on sand at a beach, sandbox, etc. or on mud. Grains of sand may get into the earpiece, speaker, etc., causing the volume to drop. If sand gets inside the product, it might cause overheating or a fault.
- If the back cover degrades or is damaged, the waterproof/dustproof property cannot be maintained.

Maintaining the Waterproof and Dustproof Properties

■ Rubber seal

The rubber seal on the back cover is important in maintaining the waterproof/dustproof properties. Be sure to observe the following items.

- Do not remove or scratch it.
- When closing the back cover, do not let the rubber seal caught. Also, do not insert sharp objects into gaps around the back cover or the external connection terminal.
Doing so may damage the rubber seal and allow intrusion of liquid or dust.
- It is recommended to replace the parts for maintaining the waterproof/dustproof properties (pay service) once every two years regardless of whether any abnormality is present. For information on part replacement, contact an au shop near you.

Precautions on Charging

The battery pack, desktop holder (sold separately), specified charger (sold separately), and optional

accessories are not waterproof/dustproof. Be sure to check the following items before and after charging.

- Make sure that any water drop or foreign object is not on the product. If foreign object is attached on the product, immediately wash it away. After the product gets wet, drain it well and wipe off any remaining water with a clean, dry cloth before connecting the microUSB plug to the external connection terminal.
- Never connect the microUSB plug when the product or charger (sold separately) is wet or has foreign matter on it.

Although the product is water/dust resistant, the charger (sold separately) is not water/dust resistant. Any water or foreign matter on the product or microUSB plug when inserting the microUSB plug while the product/specified charger is wet or soiled might cause electric shock or short circuit/corrosion causing abnormal overheating, burnout, fire, burns, or malfunction.

- Do not touch the desktop holder (sold separately) or specified charger (sold separately) with wet hands. Doing so may cause electric shock.
- Use the battery pack, desktop holder (sold separately), specified charger (sold separately), and optional accessories where not exposed to water, and do not use in places where water is regularly used such as a bathroom, shower room, kitchen, or sink. Doing so may cause fire, burns, electric shock, or a fault. Also do not bring into a bathroom or similar area even if not charging. Doing so may cause fire, burns, electric shock, or a fault.

Washing the Product

If any stain, dust, sand, soft drink, etc. is attached to the surface of the product, gently wipe it off with a cloth and wash the product under a mild water flow (up to 6 liters/min) of tap water at room temperature (5° C to 35° C) approximately 10 cm away from the faucet or shower head.

Hold the back cover so that it does not open, and wash the product with your hands without using a brush or sponge. After washing the product, drain water off and before using the product.

- Make sure that the back cover is securely closed before washing the product.
- Do not wash the product in a washing machine or ultrasonic bath.
- The external connection jack section is especially subject to stain such as dust or sand adhesion. Wash away stain carefully so as not to keep it remaining in the sections. Also, after washing it away, make sure the sections get sufficiently dried off before using the product. Using the product with sand or water drops remaining in the jack sections may cause fault.
- When cleaning the external connection terminal section, do not use tools such as a cotton swab or jam a cloth into the jack sections. Doing so may cause impairment of waterproof/dustproof properties etc., resulting in fire, burns, or a fault.

- Never put the product in a microwave oven for drying it. Doing so may cause the battery pack to leak liquid, overheat, rupture or ignite. Also, doing so may cause the product to overheat, emit smoke, ignite or cause destruction of circuit components.
- Do not expose the product to hot air from a hair dryer or leave it in a high temperature environment for drying it. Doing so may cause the product to deform, discolor, get out of order, etc.

Draining Water

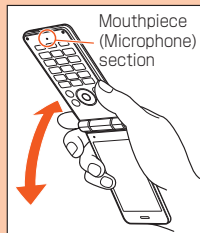
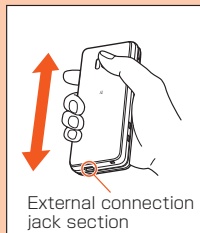
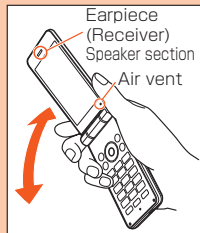
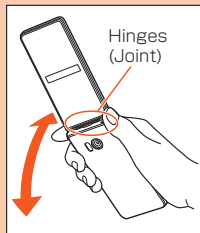
If the product gets wet, make sure to drain water remaining in the external connection jack section, earpiece (receiver) section, mouthpiece (microphone) section, speaker section, key section, hinges (joint), air vent, etc.

1 Wipe off water on the surface of the product carefully with a dry and clean cloth etc.

If a strap is attached, dry it sufficiently as well.

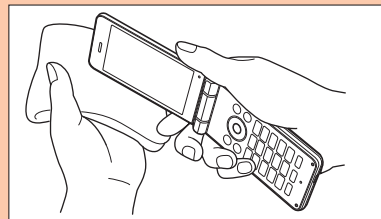
- 2 Hold the product securely at its hinges (joint) and shake it approximately 20 times until there is no more water splashing.**

Make sure of the safety around you and shake the product while holding it securely not to let it drop.



- 3 Wipe off water remaining in the grooves of each section by gently putting the product against a dry and clean cloth etc.**

Since water is sometimes left in the grooves of each section, clear them of water by putting a cloth against their openings and gently patting them. Make sure that there is no more water or foreign objects remaining in them.



4 Lay out a dry cloth etc. beneath and leave the product on the cloth at room temperature for approximately 2 to 3 hours to dry it.

Water, if any, remaining in the product may ooze up after wiping off.

Do not wipe off water remaining in the grooves directly by a cotton swab etc.

■ Precautions to be taken after water draining

Do not use the product with water drops still left on it.

- Doing so may cause call disruption or cause clothes or bags to get wet.
- Doing so may cause the external connection jack, etc. to shortcircuit, causing fire or malfunction.
- Doing so in a cold region may cause a fault due to water drops freezing.

Notes on Using Bluetooth®/ Wireless LAN (Wi-Fi®) Functions

Precautions about Bluetooth®

- The Bluetooth® function of the product conforms to the domestic standards of Japan, FCC standards and EC directive, and has been certified.
- In some countries/regions, the use of the Bluetooth® functions may be restricted. If you are using the product overseas, check the relevant laws and regulations of the country/region you visit.
- The 2.4 GHz band used by wireless LAN (Wi-Fi®) and Bluetooth® devices is shared by various other devices. For this reason, Bluetooth® devices use technologies for minimizing effects from other devices using the same radio frequency band. In some cases, however, the communication speed and connectable range may be decreased, or disconnection may occur, due to interference from other devices.
- The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the connected devices used.

Precautions about Wireless LAN (Wi-Fi®)

- The wireless LAN (Wi-Fi®) function of the product conforms to domestic standards of Japan, FCC standards and EC directive, and has been certified.
- In some countries/regions, the use of wireless LAN (Wi-Fi®) functions may be restricted. If you are using the product overseas, check the relevant laws and regulations of the country/region you visit.
- Do not use this product in places where electromagnetic waves are generated or near electric products, AV and OA equipment, or other magnetized devices.
- Subjecting this product to magnetic or electrical noise might increase noise and prevent it from performing communications. (This product is particularly susceptible to noise when used near a microwave oven.)
- Using this product near a TV, radio or similar appliance might cause reception interference and disrupt TV images.
- Searching might not be successful if there are multiple wireless LAN (Wi-Fi®) access points near the product or the same channel is being used.
- The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the connected devices used.

Frequency Band

Bluetooth® and wireless LAN (Wi-Fi®) functions (2.4 GHz band) of this product use frequencies in the 2.4 GHz band ranging from 2.402 GHz to 2.480 GHz. You can check the information about frequency band from the product.

From the standby screen, press  → [Settings] → [Other settings] → [Device info] → [Authentication]

- Bluetooth® function: 2.4FH1/XX4

2.4FH1/XX4

The product uses the 2.4 GHz band.
FH1 uses FH-SS as the modulation scheme. The interference distance is about 10 m or less.
XX4 uses other schemes. The interference distance is about 40 m or less.
Bands of mobile unit identification devices cannot be avoided.

- Wireless LAN (Wi-Fi®) function: 2.4DS/OF4

2.4DS/OF4

The product uses the 2.4 GHz band.
DS-SS and OFDM are used as the modulation schemes. The interference distance is about 40 m or less.
Bands of mobile unit identification devices can be avoided.
Channels available with the 2.4 GHz band wireless LAN (Wi-Fi®) of the product are between 1 to 13.
Available channels vary depending on countries.

For use in an airplane, check with the airline company in advance.

■ Bluetooth® function precautions

The frequencies used by the Bluetooth® function of the product are in the 2.4 GHz band. In this frequency band, other similar wireless stations, in-plant wireless stations for mobile unit identification that require a license to use, such as factory production lines, specific small power wireless stations that do not require licenses, amateur wireless stations (collectively called "other wireless stations" from here on) are operated in addition to home electrical appliances such as microwave ovens, devices for industrial, scientific and medical devices.

1. Before using the product, make sure that "other wireless stations" are not in operation nearby.
2. In the event that instances of radio wave interference have occurred between the product and "other wireless stations", immediately either relocate the product or stop operation of the device (stop the emission of radio waves).
3. If unsure or require assistance, contact an au shop or Customer Service Center.

■ 2.4 GHz band wireless LAN (Wi-Fi®) precautions

The frequencies used by the wireless LAN (Wi-Fi®) function of the product are in the 2.4 GHz band. In the 2.4 GHz frequency band, other similar wireless stations, in-plant wireless stations for mobile unit identification that require a license to use, such as factory production lines, specific small power wireless stations that do not require licenses, amateur wireless stations (collectively

called "other wireless stations" from here on) are operated in addition to home electrical appliances such as microwave ovens, devices for industrial, scientific and medical devices.

1. Before using the product, make sure that "other wireless stations" are not in operation nearby.
2. In the event that instances of radio wave interference have occurred between the product and "other wireless stations", immediately either relocate the product or stop operation of the device (stop the emission of radio waves).
3. If unsure or require assistance, contact an au shop or Customer Service Center.

- ◎ The connections between this product and all other Bluetooth® and wireless LAN (Wi-Fi®) devices have not been confirmed. Therefore, connections with all Bluetooth® and wireless LAN (Wi-Fi®) devices are not guaranteed.
- ◎ This product supports security features for wireless communications that are compliant with the Bluetooth® and wireless LAN (Wi-Fi®) standard specifications, but the security may not be sufficient depending on the usage environment and configuration. Be careful when making data communication using Bluetooth® or wireless LAN function (Wi-Fi®).

- ◎ Wireless LAN (Wi-Fi®) has the advantage that it can be freely connected anywhere within the radio wave range, as it uses radio waves for exchanging information. At the same time, there is a risk that a malicious third party may obtain unauthorized access if security settings have not been configured. You are recommended to configure security settings before use at your decision and responsibility.
- ◎ The Company assumes no responsibility for leakage of data or information that may occur during Bluetooth®/wireless LAN (Wi-Fi®) communication.
- ◎ Since Bluetooth® and wireless LAN (Wi-Fi®) functions use the same frequency band, using both of the functions at the same time may cause radio wave interference resulting in decreased communication speed or disconnection from the network. If connection fails, stop using either of the Bluetooth® and wireless LAN (Wi-Fi®) functions.

Voluntary Control of Radio Wave Interference

This product conforms to technical standards based on rules for implementing VCCI voluntary control measures. The mark of conformity is given on the nameplate sticker in the bottom of the battery compartment.

Security Code/PIN Code

Available Security Codes

The product has various security codes that you can use.

The available security codes are as follows. Do not forget the various security codes that are set as they are necessary for various operations and contracts. Be sure to change initial codes to your own codes before using the product.

■ Security code

Example of usage	① To do remote operation of voice mail and call forwarding services from a landline phone ② To use Customer Service Center and to do various inquiries, applications, and modifications on the au homepage
Initial value	A four digit number chosen by the customer and noted on the application form

■ Lock No (Osaifu-Keitai lock)

Example of usage	To use Osaifu-Keitai lock
Initial value	1234

■ PIN

■ PIN Code

To prevent unauthorized use of the au IC card by a third party, you can set the product to require PIN code entry every time the power is turned on. You also need to enter PIN code when setting whether PIN code entry is required.

If PIN code is incorrectly entered three times consecutively, the PIN code will be locked. You can unlock the PIN code using PUK code.

- At the time of purchase, the PIN code is "1234", and entry requirement is "not required". You can change the PIN code to any 4- to 8-digit number and the entry requirement to "required" if necessary.

To use the product with a PIN code "required", be sure to change the PIN code to your own number you have chosen.

■ PUK code

In case PIN code is locked, you can unlock it by entering PUK code.

- PUK code is an 8-digit number given at the time of purchase, which is printed on the back side of the plastic card on which your au IC card is attached.

- After entering PUK code, you need to set a new PIN code.
- If PUK code is incorrectly entered ten times consecutively, contact an au shop, PiPit or Customer Service Center.
- "PIN code" is not reset by initializing the product.

◎ When the PIN code is locked, the product may restart for the security reasons.

Notes on Data Communication Charges

- Since constant Internet connection is possible with the product, data communication may be performed automatically by some applications, resulting in high data communication charges. Therefore, subscription to a data flat-rate service/data communication charge discount service is recommended.
- To browse homepages, download applications, communicate using applications, send/receive e-mails and configure various settings, connection to the Internet is required, to which data communication charge applies.
 - * Data communication charge does not apply to wireless LAN (Wi-Fi®).

Notes on Applications

- To download applications, first set an au ID and access au スマートパス (au Smart Pass). For details on setting an au ID, refer to the "Setting Guide". This product does not permit use of Google Play™ or EZweb.
- Be sure to check the security of the application, then install it at your own risk. Some applications might cause virus infection, damage various data, and send out your location information, usage history or personal information stored in your cell phone via the Internet.
- The Company assumes no responsibility for any problems that might be caused by applications you have installed. In such case, you may be charged a repair fee even during the warranty period.
- The Company assumes no responsibility for any disadvantage brought to you or any third party by applications you have installed.
- Insertion of a microSD memory card is necessary to use some applications.
- Some applications keep the screen turned on while they are active, or rapidly drain the battery while running in the background.

- Operation procedures and screen appearances of the applications preinstalled in the product and those installed by you are subject to change without notice as a result of version upgrade. In addition, operation procedures described in the "Basic Manual" available on the au homepage and on the product or "Setting Guide" / "Full Instruction Manual" ("User Guide" Japanese) available on the au homepage may differ from the actual procedures.

Cell Phone Etiquette

■ Use of Cell Phones is Not Allowed in the Following Places!

- Do not listen to music, watch videos or TV (1Seg) while driving a car or motorbike, or riding a bicycle. Use of cell phones while driving a car or motorbike is prohibited by law. (Use of cell phones while riding a bicycle may also be punishable by law.) In addition, stay alert to the traffic around you even when walking. Surrounding sounds might not be heard clearly, and gazing at the screen may distract your attention causing a traffic accident. Be especially careful at railroad crossings, station platforms and pedestrian crossings.
- Since using the product on airplanes is restricted, follow the instructions given by the respective airlines.

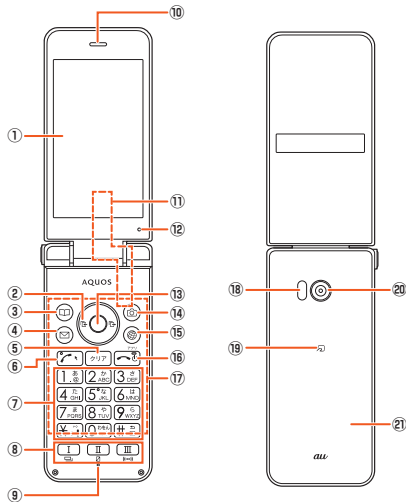
■ Be Considerate of People Around You

- Do not make calls in theaters, museums, libraries, and other similar places. Turn power off or turn on manner mode so as not to disturb others around you with your ringtones.
- Do not use the cell phone outside in town where you might hinder other pedestrians.
- Viewing a cell phone screen while walking is a serious hazard. Do not suddenly stop to talk on/operate the cell phone or do so while walking.
- Move to areas where you will not inconvenience others on bullet trains, in hotel lobbies, etc.
- Refrain from talking in a loud voice.
- Be careful of sound leakage from earphones in trains or other places with many people around you.
- Obtain the permission of other people before you take their photos with the cell phone's camera.
- When using the camera, follow common rules of etiquette regarding camera use.
- Some people close to you in crowded places such as packed trains may be using a cardiac pacemaker. Turn on "Airplane mode" or turn the cell phone off in such places.
- Abide by the rules of hospitals and other medical institutions where it is forbidden to use or carry cell phones.

Basic Operations

Names and Functions of Parts

■ Front/Back



- ① Main display
- ② Cursor key
 - Left key/incoming call history
 - Right key/outgoing call history
 - Up key
 - Down key
- ③ Address book key
- ④ Mail key
- ⑤ Clear key
- ⑥ Call key

Enter a phone number, press to call the phone number.

From the standby screen, press without entering a phone number to display the confirmation screen of pair registering. And register a person to pair to use the pair function. (▶P.70)

- ⑦ - **Number keys**

- ⑧ **Quick start key**

Registers frequently used phone numbers and favorites functions to a Quick start key for quick access. Hold down the key to switch ON/OFF application history, VeilView, or Wi-Fi tethering function. (▶P.59)

- ⑨ **Mouthpiece (Microphone)**

Relays your voice to the other party. Or used for recording the voice sound.

- ⑩ **Earpiece (Receiver)/Speaker**

Hear the other party's voice on call, play sound of Answering memo, ringtone, or alarm sound, etc.

- ⑪ **TV Antenna**

The product contains an antenna for viewing TV (1Seg).

12 Air vent

Maintains the product's performance.

13 ● Center key

14 ㊦ Camera key

15 ㊦ Browser/Apps key

Displays browser menu. Hold down to display applications list.

16 ㊦ Power/End call key

While using the product, end call or exit functions. Hold down to turn the power on, or to display a power menu for power off, reboot, or other operations.

17 Touch area (Touch Cruiser EX)

Use your fingers in the touch area to operate in the same way as a touchpad. (►P.44)

18 Infrared port

Transfers data by infrared communication.

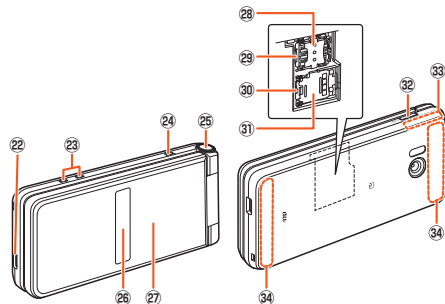
19 ㊦ mark

Hold it over a reader/writer when using Osaifu-Keitai®.

20 Camera (lens)

21 Back cover

■ Folded (Front/Back/Side)



22 External connection terminal

Use for connecting the common AC adapter O5 (sold separately), microUSB cable O1 (sold separately), or a USB cable (commercially available) for peripheral devices.

23 Charger terminal

Terminal for charging with the desktop holder (sold separately).

24 Strap hole

To attach the strap, remove the back cover, pass the strap through the strap hole and place it on the hook inside the product.

25 Quick open button

26 Sub-display

Notifies you with information when a call is received, new mail is received, an alarm sounds, etc.

27 Charging/Incoming indicator

Lights red/green while charging depending on the battery level.

Flashes for an arriving call or new mail according to settings.

28 au IC card slot cover**29 au IC card slot****30 microSD card slot****31 microSD card slot cover****32 マナー Manner key****33 GPS/Wi-Fi®/Bluetooth® antenna****34 Built-in antenna**

Used for calling, Internet connection, or 4G (LTE) network

Built-in antenna, GPS/Wi-Fi®/Bluetooth® antenna, and TV antenna

- ◎ Antennas are built into the product. Do not cover with hand during calls or data communication, or place stickers over built-in antennas. Doing so may affect call/communication quality.

Earpiece (receiver)/Speaker, mouthpiece (microphone), and air vent

- ◎ This product combines the earpiece and speaker. Volume is set to increase gradually to prevent sound from being emitted loudly near ear when switching to hands-free talk or ending talk.
- ◎ Covering earpiece (receiver)/speaker, mouthpiece (microphone), or air vent with stickers or fingers may hinder product performance.

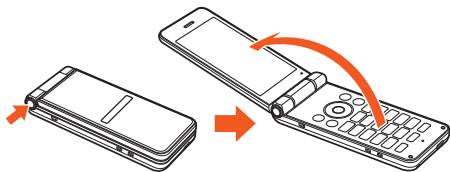
About IMEI

- ◎ IMEI (international mobile station equipment identity) is a unique identifying code assigned to each device. The product's IMEI can be found on the sticker visible in the battery compartment.
- ◎ As the IMEI is required information for requesting repairs or after-sales service, do not remove the sticker with the IMEI printed on it.
- ◎ You can check the IMEI from the product.
From the standby screen, press  → [Settings] → [Other settings] → [Device info] → [Status] to check the IMEI.

■ Quick open button

Press the button to open the product.

- You can also open the product without pressing the button.



- ◎ Hold the product with your hand to operate. Do not open the product nearby your face, a person, or object. Also, take care not to drop the product by opening recoil.
- ◎ The product may not be opened when you press the quick open button depending on the product orientation.
- ◎ To close the product, use your hands. If you cannot close the product, once open the product completely, then close the product again.

Using Touch Cruiser EX

Use your fingers in the touch area to operate in the same way as a touchpad (Touch Cruiser EX). Activating a function/application supporting Touch Cruiser EX enables Touch Cruiser EX and allows the on-screen pointer to be operated.

1 Activate function/application supporting Touch Cruiser EX.

2 (Hold down for at least 2 seconds)

Touch Cruiser EX is enabled and "☞" (pointer) is displayed.

- By activating some functions/applications, depending on functions or applications, Touch Cruiser EX is enabled.
- If an operation description for Touch Cruiser EX is displayed, press . Checkmark "Don't show again" and press  to no longer display the operation description when next activating Touch Cruiser EX.
- Hold down  to toggle Touch Cruiser EX enabled/disabled.

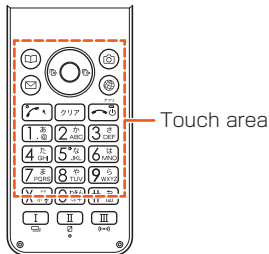
When Touch Cruiser EX is set,  appears in the status bar. (Disabled: )

If a function/application is exited while Touch Cruiser EX is disabled, reactivating a Touch Cruiser-capable function/application does not enable Touch Cruiser EX.

- Ending a function/application supporting Touch Cruiser EX disables Touch Cruiser EX.
- Key operation is still possible even when Touch Cruiser EX is enabled (except for some applications).

Operation with Touch Cruiser EX

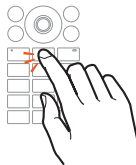
When using the browser, LINE, etc., the on-screen pointer can be operated like a mouse.



Tap/Double-tap

Gently tap the touch area. To double-tap, tap the same position twice. Tapping the touch area twice consecutively in the same position is called double-tap.

- Select items and icons under the pointer. Double-tap a displayed still picture, etc. to zoom in or out. Zooming is carried out centered around the pointer. Zoom after placing the pointer where you want to zoom.



Long-Touch

Keep gently touching the touch area. "☞" changes to "☛". Tap the touch area or, after releasing your finger and several seconds of no operation, the indication returns to "☞".

- Display menus, etc.



Slide

Long-touch the touch area to change "☞" to "☛". While lightly touching a touch area, slide in a desired direction or to a desired position.

- Slide in the desired direction to scroll and switch pages.



■ Flick

Long-touch the touch area to change "☛" to "☛".

While touching the touch area, flick up, down, left, or right.

- Flick in the desired direction to quickly scroll the screen, switch pages, etc.



■ Pinch

While touching the touch area with two fingers, widen (pinch out) or close (pinch in) your fingers.

- Zoom in/out the browser screen, etc.



■ Auto-Scroll

With "☛" moved to the edge of the screen, slide your finger toward off the screen to scroll. Release your finger to stop scrolling. Slide your finger in the scrolling direction to scroll faster.



- ◎ The touch area is designed to be touched gently. Avoid pressing forcefully with fingers or using sharp objects (ballpoint pen, pin, etc.).
- ◎ The touch area might not respond in the following cases. And it may cause false operations.
 - With gloves on
 - With fingernails
 - With another object placed on the operation area
 - With a sticker, etc. adhered
 - With any water or condensation
 - With wet or sweaty fingers
 - Under water

Using the Magnifier

Enlarge a portion of the screen.

- 1 When an application screen is displayed, **マナー** → Slide finger in the touch area to move the magnifier.

- If an operation description for the magnifier is displayed, press **○**. Checkmark "Don't show again" and press **○** to no longer display the operation description when next activating the magnifier.

Exiting the magnifier

- 1 When using the magnifier, press **マナー**.

◎ Unavailable in the standby screen and some applications.

Switching the Display Language to English

You can switch the display language for function names and other items to English.

- 1 When the standby screen is displayed, press **○** → **【設定】** (Settings).

- 2 **【その他】(Other settings) → 【言語】(Language)を選択** (Select language).

- 3 **【English】**

Using the Standby Screen

Check the status of the product in the standby screen.

Viewing the Standby Screen



① Status bar

② Clock

③ Calendar

④ Indicator icons

Indicators for missed calls, unread e-mail/SMS, and notifications are displayed.

- ⑤ **Kantan Hasshin (speech recognition) icon**
When displayed, you can use Kantan Hasshin (speech recognition) to make a call. (▶P.70)
- ⑥ **Steps walked**
- ⑦ **Shortcuts**
Applications registered as Favorites 1 to 4 are displayed as shortcuts. (▶P.48)
- ⑧ **Functions registered to Quick start key**

■ Using Favorites

Register frequently used applications and bookmarks for quick access from the standby screen. Register up to 10 favorites.

- 1 When the standby screen is displayed, press  →  (edit).**
Favorites are displayed.

- 2 Select a favorite → .**
The selected application launches/bookmarked webpage opens.

■ Registering to Favorites

- 1 Select number to register in Favorites list.**
 - Select "Not registered" to register a new favorite.
If a favorite is already registered, it is replaced with the new favorite.
- 2  (Submenu) → [Register].**

- 3 Select application or bookmark to register → .**

■ Deleting from Favorites

- 1 Select application or bookmark to delete in Favorites list.**
- 2  (Submenu) → [Remove] → [Yes].**

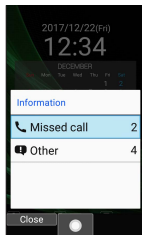
■ Using Indicator Icons/Shortcuts in the Standby Screen

You can use applications from the indicator icons and shortcuts in the standby screen.

- 1 From the standby screen, press  → Select an item → .**
 - Selecting an indicator icon displays its content in a balloon.
 - You can also select and use the calendar or pedometer at the top of the standby screen with the same steps.

Using Information

Information is displayed at the bottom of the standby screen for missed calls, unread e-mail/SMS, and notifications.



1 Select information → ○.

Corresponding application launches for the information content.

- Press Ⓜ (Close)/☎/📧 to close information.

Checking Product Status

Icons

The notification icons to notify you of a missed call, a new mail message, a running operation, etc. are displayed on the left side of the status bar, while the status icons to show the status of the product are on the right side.

Main Notification Icons

Icon	Description
	Missed call
	New e-mail message
	New SMS message
	1Seg signal strength - : Level display
	Making a call, talking, receiving a call
	Talking in high quality sound with a model supporting VoLTE provided by au.
	Call on hold
	Answering memo
	Available space on the internal memory being run out
	Software update available
	Icons collected
	テレビで写真 (Photos on TV) is activated

○ Some icons are displayed with their number superimposed on them.

Main Status Icons

Icon	Description
	Time
	Battery level - : Battery level display : No battery • While charging, the battery icon appears with superimposed.
	Airplane mode is set
	Signal strength (Receiving electric field) - : Level display : Out of service area • The icon indicating network is displayed at the upper left. : 4G (LTE) available : Roaming • During a communication, the icon is displayed with superimposed.
	Character type Katakana input : Kanji : 1-byte alphabet : 1-byte digits : 1-byte katakana : 2-byte alphabet : 2-byte digits : 2-byte katakana : Kuten code 2-touch input : 2-byte (upper case) : 2-byte (lower case) : 1-byte (upper case) : 1-byte (lower case) : 1-byte alphabet : 1-byte digit : 2-byte alphabet : 2-byte digits

Icon	Description
	Manner mode status : Standard manner mode : Drive manner mode : Silent manner mode
	During a call using hands-free
	Arriving call volume set to "Silent"
	Microphone set to "Mute" during a call
	Wi-Fi® signal strength - : Level display • During a communication, the icon is displayed with superimposed.
	Answering memo set : No Answering memo : Answering memo (one to 29 entries) : Answering memo full (30 entries)

Using the Notification/Status Panel

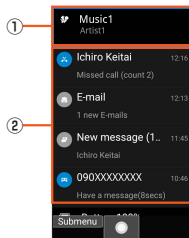
In the notification/status panel, you can check the details on notification icons and status icons or activate an application corresponding to a notification. You can also set the manner mode and check Answering memo.

1 When the standby screen is displayed, press → Select the status bar → .

2 Select the notification → .

The application corresponding to the notification is activated.

■ Viewing the Notification/Status Panel



《Notification/Status Panel》

① Music controller

Displayed when playing music with LISMO.

② Notification area

Check the status of the product and contents of notifications.

■ Using Notifications

1 Select the desired notification in the notification/status panel → .

Options corresponding to the content of the notification are displayed.

2 Select an option → .

You can activate a corresponding application, etc.

■ Deleting 1 Notification

1 Select the notification to delete in the notification/status panel → (Submenu) → [Delete one item].

■ Deleting All Notifications

1 (Submenu) in the notification/status panel → [Delete all].

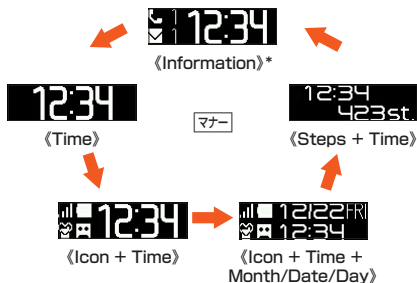
- You may not be able to delete a notification, such as for battery level or signal strength.

Using the Sub-display

The sub-display shows information including manner mode, battery level, and other product status, the date and time, and caller and other information.

Press  to switch displays.

Viewing the Sub-display



* Displayed for notification of missed call, new mail, etc.

Main Icons

Icon	Description
	Signal strength (Receiving electric field)  Strong /  Fair /  Weak /  Weak /  Out of service area * Not displayed in Airplane mode.
	Battery level  -  : Battery level display  : No battery • While charging, the battery icon appears with  superimposed.
	Missed call • Displays number of calls.
	 : New mail (e-mail/SMS) • Displays number of new mails.
	Answering memo set • Displays number of unread Answering memo messages.
	Alarm sounding
	Airplane mode is set

■ Displayed Information

Status		Display
Voice call arriving	Registered in address book	"Incoming call" Registered name*
	Not registered in address book	"Incoming call" Phone number*
	Answering memo	Answering: "Playing answering memo guidance" Recording: "Recording answering memo"
In call	In call	"In call"
	Sound memo	"Recording sound memo"
Mail arriving	Registered in address book	"Received mail" Registered name*
	Not registered in address book	"Received mail" E-mail address* or Sender designation*
SMS arriving		"Received message" "New message" (○ messages)**
Alarm	Alarm sounding	Alarm time Alarm name
	Snoozed	Alarm time "Snoozing"
Emergency Rapid Mail		"Emergency mail"

Status		Display
Manner mode	When set: Normal	"Standard manner set."
	When set: Drive	"Drive manner set."
	When set: Silent	"Silent manner set."
	When not set: Normal	"Standard manner canceled."
	When not set: Drive	"Drive manner canceled."
	When not set: Silent	"Silent manner canceled."
LINE application notification		Message from LINE application is displayed.

* Not displayed when "Caller display" is set to "Not display" in the sub-display setting.

Using the Normal Menu

In the normal menu, applications are grouped in menus. Select a menu and then an item to activate an application.

1 When the standby screen is displayed, press .

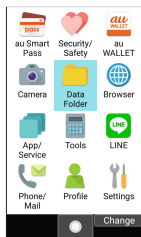
The normal menu is displayed.

2 Select menu → .

Menus have correspondence with the dial keys ( - , , ). Press any key to select a menu.

3 Select application → .

■ Viewing the Normal Menu



《Normal Menu》

◎ At the time of purchase, the normal menu is set to "Tile display". To change the display to the list display, on the normal menu, press  (Change) → [List display].

■ Normal Menu List

Menu	Description
au Smart Pass	This is a portal application to maximize "au Smart Pass" as well as daily tools such as the latest news and transfer information. Also coupons, presents, data storage and security apps are available. Please enjoy your safety and comfortable cell phone life. You can download applications that support "Free" of au Smart Pass you can download.
Security/Safety	
My au	You can check your daily usage, points and monthly billing of au services with this application. You can also change your rate plan, apply for optional services and so on.
au 災害対策 (au Disaster Countermeasure)	This is an application in which you can use Disaster Message Board, Emergency Rapid Mail (Earthquake Early Warning and Disaster and Evacuation Information and Tsunami Warning and Emergency Warning) and Disaster Voice Messaging Service.

Menu	Description
Data Storage App	You can back up various data in your cell phone to the au server (cloud storage) or SD card. You can also migrate your data between your phones with this app.
遠隔操作サポート (Remote Support Service)	Call for technical supports on the device operations by sharing the screen that you are watching with au operators.
AnshinFilter for au	This is an application which limits the access to the inappropriate applications and web pages so that your child can use a device safely.
au WALLET	"au WALLET App" is useful for the user of au. When you use it, you can do the following things. ○ au WALLET points you have ○ information of "au Easy Payment" In addition, when you use au WALLET Prepaid card and Credit card, you can do the following things. ○ benefits of au WALLET cards [au WALLET Prepaid card] ○ charging the card ○ checking its inquiry [au WALLET Credit card] ○ checking billing statements ○ purchase history, and so on

Menu	Description
Camera	
Photo	Shoot still images. (▶P.89)
Movie	Shoot movies. (▶P.90)
Barcode Reader	Hold camera up to barcodes to scan information.
Data Folder	View captured still photos/videos, downloaded files, etc.
Browser	View webpages in the same way as with a PC. (▶P.86)
App/Service	
LISMO	LISMO is music player. It can play the music files on the device and also you can buy a song from Music Store.
Music Store	Music Store has lots of latest songs, popular songs, albums and video clips. You can preview and buy them easily.
au WALLET Market	au WALLET Market is a service that allows you to buy "uncompromising products" via e-commerce and au shops. It also helps you become a better shopper by easily finding fine products through internet and shops.
ウイルスバスター for au (VirusBuster for au)	Blocks improper applications and sites in order to protect young people.

Menu	Description
Uta Pass	Uta Pass is online streaming service; all-you-can-listen more than 3000 playlists with latest J-POP hits and POP of EURO and US.
au助手席ナビ (Passenger seat navigation)	Joshuseki-Navi (Passenger seat navigation) is a car navigation service to be used by those sitting in the passenger seat.
Wowma!	On Wowma Mobile App, you can enjoy the online shopping and find more than 28 million of products from apparel, electronics, housewares, furniture and grocery & gourmet food.
auナビウォーク (Navi for walkers)	Help you navigate route combining public transportation and walk.
テレビde写真 (Photos on TV)	Display photos, etc. saved to the product wirelessly on TV by connecting a テレビde写真 (Photos on TV) receiver (sold separately) to a TV.
mobaoku	Connect to the "モバオク" auction site.
モバイル Suica (Mobile Suica)	Suica and smartphones have become one, more convenient mobile Suica.
楽天Edyアプリ (Rakuten Edy App)	This is an electronic money app that you can pay for shopping.

Menu	Description
どこから電話 for au (What's Your Name for au)	When you receive phone calls from public institutions or stores, this app shows the name of the place automatically based on the information in ハロページ (HELLOPAGE, telephone directory) and other sources. This application also blocks scam and spam calls or gives you warnings when your phone receives any.
SHSHOW	This application allows you to download the contents data or browse website.
Tools	
Alarm	Use an alarm.
Calendar	Use a calendar.
Notepad	Use a notepad.
Calculator	Use a calculator.
Pedometer	Use a pedometer.
Infrared	Transfer data between the product and another device with an infrared communication function.
Voice Recorder	Use a voice recorder.
Osaifu-Keitai	Use Osaifu-Keitai® services.
TV	View digital terrestrial TV broadcast service for mobile devices. (▶P.93)
Timer	Use a timer.
StopWatch	Use a stopwatch.

Menu	Description
au Wi-Fi接続ツール (au Wi-Fi connection tool)	It is an application to conveniently assist connection to au's publicly available wireless LAN service, "au Wi-Fi SPOT" and au's indoor Wi-Fi router, "Wi-Fi HOME SPOT".
auシェアリンク (au share link)	This application allows you to enjoy the convenience of having both a cell phone and tablet. View notifications for new calls and e-mail (@ezweb.ne.jp) to your cell phone on a tablet, as well as be able to operate your cell phone from a tablet screen.
安心ナビ(探される) (Security Navi (device being searched for))	Allows you to confirm your child's location. Available once the guardian partners from their device.
mamorino Watchナビ (mamorino Watch Navi)	Connecting (pairing) with mamorino Watch via Bluetooth® allows you to dial and send SMS (messaging) from the application, make mamorino Watch settings, etc.
World clock	Use a world clock.
PC Mail	You can send/receive e-mails via your PC mail account.
TOUCH CRUISER EX Guide	Display operating instructions (Japanese) for Touch Cruiser EX. (▶ P.44)

Menu	Description
Widget sheet	You can add widgets to use.
LINE	LINE is a communication application which allows you to make free voice calls and send free messages anytime and anywhere. (▶P.94)
Phone/Mail	
Incoming/outgoing call history	View incoming and outgoing call histories. (▶P.68)
Address Book	Register contacts to the address book and use registered information. (▶P.74)
Call/Ans Memo	Play back call/answering memo.
Play voicemail	Playback voicemail.
Call settings	Make call settings.
Pair feature	Use a pair feature. (▶P.70)
Speed dial	View a speed dial list. (▶P.69)
Kantan Hasshin (speech recognition)	Make settings for Kantan Hasshin (speech recognition). (▶P.70)
E-mail	Use an e-mail (@ezweb.ne.jp) address to send and receive e-mail. (▶P.80)

Menu	Description
SMS	Send and receive SMS using a phone number as the recipient. (▶P.83)
Profile	Check and edit your profile. (▶P.73)
Settings	Set and manage functions from the settings menu. (▶P.95)

* Additionally downloaded applications are displayed in "アプリ取り放題" (Free apps) (▶P.58).

- ◎ When activating applications and using their functions, communication charges may result for some functions.
- ◎ After upgrading an application version or in similar instances, the design of applications, icons, etc. on the product may differ from this manual.
- ◎ Initializing the product does not delete preinstalled applications.

About Applications

"Application" allows you to use applications pre-installed at time of purchase as well as additionally downloaded applications.

1 When the standby screen is displayed, press → [App/Service].

The app/service list is displayed.

Switching tabs

1 When the application list is displayed, press .

The "PRESET"/"アプリ取り放題" (App All-you-can-download) tabs switch.

Searching for Applications

1 When the application list is displayed, press (AppSearch).

The auスマートパス (au Smart Pass) site is displayed. Follow the on-screen instructions to search for and download applications.

Using the Simple Menu

Use a menu of frequently used functions such as phone, mail, and camera.

1 When the normal menu is displayed, press (Change) → [Simple menu] → [Yes] → [Yes].

The screen changes to the simple menu. The size of text changes to "Huge".

2 Select menu → .

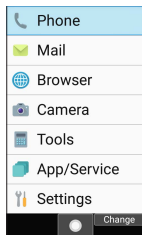
3 Select application → .

■ To Return to the Normal Menu

- 1 When the simple menu is displayed, press  (Change) → [Tile display]/[List display] → [Yes] → [Yes].

The screen changes to the normal menu. The size of text changes to "Normal".

■ Viewing the Simple Menu



《Simple Menu》

Using Quick Start Key

You can register frequently used phone numbers and Favorites functions to a Quick start key for quick access.

Registering to Quick Start Key

- 1 In the standby screen,  → [Settings] → [Quick start key].
- 2 Select a key to register →  (Edit) → Select the function.
 - To release the function, select the key → Press  (Submenu) → [Release] → [Yes].

Using Functions Registered to Quick Start Key

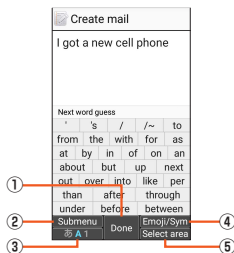
- 1  /  / 
 - If you press a key with no function registered, a screen for registering a function is displayed.
 - Holding down the Quick start key enables to use the following functions.
 - : Displays used app history
 - : VeilView ON/OFF
 - : Wi-Fi tethering ON/OFF

Learn Common Operations

Learn Basic Key Operations

Using Functions that Appear at the Bottom of the Screen

Press the key corresponding to a function that appears at the bottom of the screen.



- ① For "Done", press .
- ② For "Submenu", press .
- ③ For "あA1", press .
- ④ For "Emoji/Sym", press .
- ⑤ For "Select area", press .

To Select Items

To select a displayed item, select the item using  or  and press .

If  - , , , etc. are displayed in the menu, you can also press a corresponding dial key.

- You can also sometimes press .

To Return to Previous Screen

You can press  to go back one screen.

- You can also sometimes press , , or  to return to the previous screen.

To Return to the Standby Screen

To return to the standby screen from any function, press .

- After a certain period of no key operation, the product may return to the standby screen automatically.
- If activating a function while in a call, the call may be interrupted.
- The function or application being used is ended.

To Enter Numbers

You can press  to  to enter numbers.

If "▲" and "▼" are displayed above and below the number entry field, you can press  to increase or decrease the number.

To Move to Previous or Next Data

While displaying mail, etc., you can press  to move to the next data or  to move to the previous data.

■ To Scroll the Page

When browsing a webpage or displaying a mail list, message, data list, etc., you can press ⏮ to scroll up or ⏭ to scroll down.

■ Using Checkboxes

If a checkbox is displayed next to a setting item, you can select the item or the checkbox to enable or disable the item.

When performing operations on data such as "Move selected", "Save selected", or "Delete selected", you can select checkboxes to select or deselect items.

Icon example	Description
☒	Setting is enabled or item is selected.
☐	Setting is disabled or item is not selected.

Character Input

Learn How to Enter Characters

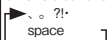
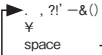
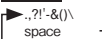
■ Key Assignments for Character Entry

Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
1	 あいうえおあいうえお	 .@/_-~1	1
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	 アイウエオアイウエオ	 .@/_-~1	1
Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
2	 かきくけこ	 abcABC2	2
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	 カキクケコ	 abcABC2*	2
Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
3	 さしすせそ	 defDEF3	3
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	 サシスセソ	 defDEF3*	3

Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
4	▶ たちつてっ	▶ ghiGHI4	4
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	▶ タチツテッ	▶ ghiGHI4*	4
Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
5	▶ なにぬねの	▶ jklIJKL5	5
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	▶ ナニヌネノ	▶ jklIJKL5*	5
Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
6	▶ はひふへほ	▶ mnoMNO6	6
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	▶ ハヒフヘホ	▶ mnoMNO6*	6
Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
7	▶ まみむめも	▶ pqrPQRS7	7
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	▶ マミムメモ	▶ pqrPQRS7*	7

Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
8	▶ やゆよやゆよ	▶ tuvTUV8	8
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	▶ ヤユヨヤユヨ	▶ tuvTUV8*	8
Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
9	▶ らりるれろ	▶ wxyzWXYZ9	9
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	▶ ラリルレロ	▶ wxyzWXYZ9*	9
Character type	Kanji	Alphabet (2-byte)	Digits (2-byte/1-byte)
0	▶ わをんわーへ、。 ?!・ space	▶ 0- space	0
	Kana (2-byte/1-byte)	Alphabet (1-byte)	Dial entry
	2-byte ▶ ワワンワ ー space	1-byte ▶ ワワン	0- space !"# \$%&'()*+.,/:; <=>?@[\] ^ _ ` } ~

* When entering at the start of a line, a capital letter is displayed first.

Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
✖	Short-press.... Toggle large/ small (where characters allow) Add*(ten-ten) or° (maru) (where characters allow) 		Short-press.... Toggle large/small (where characters allow) 2-byte  1-byte 	Short-press.... (decimal point)	✖
	Long-press....Paste recently-copied/cut text				
Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
#	When entering characters, display one character before (back function) When not entering characters, linebreak			Linebreak	#

Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
㊦	From submenu, display function quote, useful phrases, etc. Switch 2-byte/1-byte symbol lists Display facemark edit screen (when category other than history is displayed in facemark list) During normal conversion, shorten the selected text range (when character type is "kanji" and entering characters) Cancel selected range				—
Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
㊧	Display list for Emoji (Pict) → D-Emoji → Symbol (Full size: 2-byte)/(Half size: 1-byte) → Facemark (D-Emoji displayed only when entering e-mail text) Switch prediction conversion candidates and normal conversion candidates (when word prediction is "ON", character type is "kanji" and entering characters) During normal conversion, expand the selected text range (when character type is "kanji" and entering characters) Select entire selected range (when range is selected)				—

Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
	Toggle character type Switch character types Kana/alphabet/ number conversion (when character type is "kanji" and entering characters) Change character type to "kanji" (when character type is type other than "kanji", "alphabet (1-byte)", or "digits (1-byte)") Switch pages/categories (when emoji, symbols, facemarks, or conversion candidates are selected)				—
Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
	Start range select Switch pages/categories (when emoji, symbols, facemarks, or conversion candidates are selected)				—
Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
	Finalize characters and return to preceding state Restore deleted characters (up to 5 times in a row) Delete learned conversion candidates / search for conversion candidates in browser / search for and quote conversion candidates in other application (when character type is "kanji" or "alphabet (large/small, 1-byte)" and conversion candidates selected)				—

Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
	Move cursor left Select conversion candidate During prediction conversion, shorten selected range Delete 1 "*" character when entering ** (wild card)				—
Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
	Move cursor right Select conversion candidate During prediction conversion, enlarge the selected text range Enter 1 "*" character when entering ** (wild card) when unfinalized characters are entered (when character type is "kanji" or "alphabet (large/small, 1-byte)" and word prediction is "ON") When cursor is at end of text string, enter 1-byte space				—
Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
	Move cursor up a line Select conversion candidate				—
Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
	Move cursor down a line Select conversion candidate When cursor at end of text string, linebreak				—

Character type	Kanji	Kana (2-byte/1-byte)	Alphabet (large/small, 2-byte/1-byte)	Digits (2-byte/1-byte)	Dial entry
クリア	Short press....Delete 1 character to right of cursor If no characters are to right of cursor, delete 1 character to left of cursor Stop conversion (return to character entry screen)				Short-pressDelete 1 place
	Long-press....Delete all characters to right of cursor When cursor is at start or end of text string, delete all characters				Long-press ...Back to the standby screen

◎ When entering characters, in the standby screen, navigate ● → [Settings] → [Other settings] → [Text input] and check that "S-Shoin" is selected in "Keyboard & input methods". The Android keyboard (AOSP) does not support Japanese entry and it may not be possible to enter characters.

Phone

Making Calls

Entering a Phone Number and Making a Call

1 When the standby screen is displayed, enter phone number.

The dial screen is displayed and the number is entered.

: Move cursor position

: Delete digit to left of cursor

(Hold down): Return to the standby screen

(Addr.book): Display address book (▶P.74)

: Redial previous number*

* Available when no number is entered.

2 → Talk.

(Speaker/OFF): Hands-free call ON/OFF

(Mute/Unmute): Mute ON/OFF

(Address): Display address book (▶P.74)

(Profile): Display profile (▶P.73)

: Adjust call volume (volume of other party's voice)

: Clear talk ON/OFF

(Hold): Place call on hold*

* Press (Unhold) to return to a call on hold.

3

You can select "Register to address book" to register a number in the address book that a call was made to.

• You can also fold the product to end a call.

◎ In functions including "Calc (Calculator)", "Timer", "Schedule (Calendar)", and "Alarm", you can also quote numbers entered in the dial screen. Follow the on-screen display after entering the number. Usable functions depend on the number that was entered.

◎ Even when "In Call" is displayed, the other party may not have taken the call. Start talking after making sure that the other party has taken the call.

◎ Note that even if you cover the mouthpiece (microphone), the sound can be conveyed to the other party.

◎ Even if "Airplane mode" is set, you can call emergency numbers (110, 119, 118).

◎ You can press the dial keys during a call to send push signals for the entered number.

◎ To return to the call screen after activating an application during a call, press to end the application.

■ Emergency Call Location Notification

The product supports "Emergency call location notification" so that if you make an emergency call to Police, Fire and Ambulance or Regional Coast Guard Headquarters, your current location (GPS information) will be transmitted to the agency receiving the emergency call.

- ◎ In this section, Police (110), Fire and Ambulance (119) and Regional Coast Guard Headquarters (118) are collectively referred to as the emergency call receiving agency.
- ◎ This feature may not yet be available at some emergency call receiving agencies.
- ◎ If you add "184" before the Japan emergency call number 110/119/118, the emergency call responding agency will not be notified of your location and phone number.
- ◎ VoLTE (LTE network) by au is used when connecting with emergency call receiving agencies within Japan. You cannot connect using 3G (circuit-switched network).
- ◎ In places where signal reception from GPS satellites or a base station is relatively poor, such as in an underground mall, inside a building or behind a tall building, the emergency call receiving agency may be notified of some other place different from your actual location.
- ◎ When GPS cannot be used to notify of your location, base station signal is used instead.

- ◎ When making an emergency call to Police, Fire and Ambulance or Regional Coast Guard Headquarters, always confirm where you are, and tell them your exact location on the phone. Note that depending on the area where you are calling, your call may not be connected to the agency having jurisdiction over that area.
- ◎ If the emergency call receiving agency determines that human lives and health are in danger, they will be able to acquire the caller's location information during the call or within a certain period of time after the call.
- ◎ When incoming reject is set and you make an emergency call, the incoming reject setting will be automatically disabled for 2 hours in order to receive calls from the emergency call receiving agency.

■ Using P (Pause) Dialing and Making a Call

Enter the push signals to send beforehand and then select "Yes" during the call to send the push signals. This is a convenient feature when using information services and automatic reservation services.

Example: To dial "03-0001-XXXX (bank phone number)" and send the branch "22X" and the account "123XX"

1 Enter bank phone number "030001XXXX".

2 **☉ (Call etc) → [Add Prefix] → [Add P] → Enter the branch “22X”.**

3 **☉ (Call etc) → [Add Prefix] → [Add P] → Enter the account “123XX”.**

You can enter P (pause) between numbers to enter several push signals at the same time.

4 **[↶] → [Yes] → [Yes].**

After the destination answers the call, a confirmation screen is displayed. A push signal is sent each time you select “Yes” and press **☉**.

Using Call Histories and Making a Call

1 **When the standby screen is displayed, press **☉** (Outgoing)/**☉** (Incoming).**

Press **☉** to toggle the outgoing and incoming call histories.

2 **Select contact to call from history → [↶].**

The outgoing/incoming call history details screen is displayed.

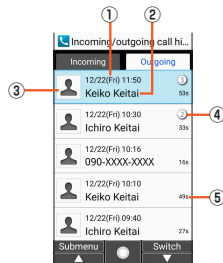
- When a history with the number of outgoing/incoming calls displayed is selected and **☉** (Switch) is pressed, collected outgoing/incoming call history information is displayed.

3 **[↶]**

You can also dial by selecting the contact in the outgoing/incoming call history list and pressing **[↶]**.

☉ Up to 100 calls can be saved in the outgoing/incoming call histories. Once more than 100 calls are made/received, calls are deleted starting with the oldest. The number of calls that can be saved may be fewer depending on available memory.

■ Viewing the Outgoing/Incoming Call History Lists



《Outgoing Call History List》



《Incoming Call History List》

- ① Call date and time
- ② Name, number, reason for withheld number, network service information
- ③ Face image registered in address book
- ④ Number of calls
The number of calls are displayed for a same contact in the incoming/outgoing call histories.
- ⑤ Ring time
The icon indicating ring time is displayed.
* Missed calls of less than 3 seconds may be calls to get the customer to call back and connect them to a malicious pay-for program (one-ring phone scam calls). Use caution.
- ⑥ Call time
- ⑦ Incoming call status icon
 - ✓: Missed call
 - ✗: Call rejected
 - 📞: Answering memo
 - 🚫: Rejection

© When a call that is not registered in the phone book arrives, the phone number is displayed. "Unregistered" is displayed on the incoming call history details screen.

Using Speed Dial and Making a Call

You can make calls quickly to contacts registered to speed dial.

Registering to Speed Dial

- 1 When the standby screen is displayed, press **☉** → **[Phone/Mail]** → **[Speed dial]**.
- 2 Select **<Not registered>** for the number to register → **☉ (Register)**.
 - If a number is selected with a destination already registered, operations such as dialing are available.
- 3 Select the destination to register → **☉**.

Dialing with Speed Dial

- 1 When the standby screen is displayed, enter the speed dial number (0 to 99).
- 2

- ③ Entering an unregistered speed dial number and pressing  displays the speed dial list. From the list, you can dial or register a new speed dial.
- ③ If an e-mail address is registered to a destination registered in speed dial, you can enter the speed dial number and press  (Mail) to create e-mail.

Using Kantan Hasshin (Speech Recognition) and Making a Call

You can use Kantan Hasshin (speech recognition) to make a call by voice command to a speed dial contact without using the dial keys.

- For details on registering contacts to speed dial, refer to "Registering to Speed Dial" (▶P.69).

1 Open the product/In the standby screen, (hold down).

 (音声で発信 (Dial by voice)) is displayed in the main display.

2 Say the information for the contact into the product.

Say the name of the contact to call.

3 Confirm the contact as displayed → [Yes].

Using Pair Feature and Making a Call

You can make a call quickly to the other party who is registered with pair feature.

■ Registering with Pair Feature

1 When the standby screen is displayed, press → to select a number to register.

■ Registering from phonebook

2 [Using phonebook] → Select a contact to register → → [Register].

■ Registering using direct entry

2 [Direct entry] → Set required items → (Save) → [Register].

③ On a pair feature screen to which a pair partner is registered, press  (Submenu) → [Edit registered entries]/[Unregister] to edit/cancel settings.

■ Calling to the Other Party

1 When the standby screen is displayed, press → Select the contact using → [Call].

- ◎ Select a pair partner → [Create SMS] to create SMS. When an e-mail address of the partner is registered, [Create Email] to create e-mail.

Calling Overseas from au Phones (au International Call Service)

You can make international calls without any special procedure from the product.

Example: To call "212-123-XXXX" in the USA from the product

1 Enter the international access code "010".

Entering  (hold down) in the dial screen enters a "+" and adds "010" when the number is dialed.

2 Enter the country code of the USA "1".

3 Enter the area code "212".

If the area code starts with "0", dial it without including the "0" (There are some exceptions such as fixed-line phones in some countries or regions including Italy etc.).

4 Enter the phone number of the other party "123XXXX" → .

- ◎ You can also press  (Submenu) → [Add Prefix] → [International call] to enter the country code when entering a phone number.
- ◎ The monthly limit fee is set for the au International Call Service. The au International Call Service is unavailable from when the limit fee is confirmed to be exceeded until the end of the same month.
- ◎ Even if you cannot use the service by exceeding the limit fee, you can use from the first day of the next month. Also, you can use the domestic call as usual while the service is stopped.
- ◎ International call charges are billed together with monthly local call charges.
- ◎ If you do not wish to use the service, you can set not to use the au International Call Service.
For au International Call Service:
From an au cell phone (without area code), 157 (toll free)
From fixed line phones  0077-7-111 (toll free)
Open 9:00 to 20:00 (everyday)

Receiving a Call

Answering a Call

At the time of purchase, the following is displayed when a call is received.

- If a caller's number is sent, it is displayed in the main display. If it is registered in the address book, their name is displayed.
- If a caller's number is not sent, the reason is displayed in the main display.
"ID Unsent" "Pay Phone" "Not Support"
* When caller calls from phone unable to send number.

1 When a call is arriving, /● (Answer).

Press  (Silent) to stop the ringtone.

You can press  to change the volume of the ringtone.

2 Talk.

Press  to end the call.

- ◎ If you are not subscribed to LTE NET or LTE NET for DATA, from the standby screen, press  → [Settings] → [Other settings] → [Network] → [Data transmission] → [Data usage] →  (Submenu), and disable "Cellular data" to use the product.
- ◎ If a call arrives while using the address book, e-mail, etc., the call is given priority and the function can be used again once the call ends.

Rejecting an Incoming Call

Once the call is rejected, it is disconnected. The other party will hear voice guidance .

1 When a call is arriving, (Reject).

Rejecting a Call and Sending a Message (SMS)

Once the Quick reply is sent, the incoming call is disconnected. The other party will hear voice guidance .

1 When a call is arriving, (Submenu) → [Quick reply].

2 Select a message to send → .

- ◎ You can select "Write your own..." with the message to create and send an SMS.
- ◎ You can edit the message to send beforehand with "Quick responses" in "Call settings".
- ◎ If the other party's phone number is not notified, Quick reply is not available. Also, Quick reply may not be available depending on the communication condition.
- ◎ A ring call is audible to the caller until a message to send is selected. Answering memo may answer the call before the SMS is sent.

Answer Suspicious Calls Using Call Pickup Function

It plays a response message for the phone number you don't know or the nuisance call. The other party's voice is recorded as answering memo during a call.

1 When a call is arriving, ☒ (Message).

A message informs the other party that the message is automatically played for spam call prevention and the call is recorded.

- Press ● (Answer) during recording to answer the call.
- Press ☒ (Reject) during recording to play a message for rejecting the call. After the message, recording stops and the call ends.

☐ Play recorded conversations in the voice memo list.

Checking Your Phone Number

Checking Your Profile

1 When the standby screen is displayed, press ● → [Profile].

Editing Your Profile

1 When the standby screen is displayed, press ● → [Profile] → ☒ (Edit).

The profile edit screen is displayed.

2 Enter required items.

3 ☒ (Save)

☐ Items to note when editing your profile are the same as for editing the address book. For details, refer to "Registering to the Address Book" (►P.74).

Address Book

Registering to the Address Book

You can register contact information including phone number and e-mail address. You can also set ringtone, vibration, etc. individually for contacts.

- 1 When the standby screen is displayed, press  (hold down).**
The address book registration screen is displayed.
- 2 Set required items.**
- 3  (Save)**

- ◎ You can also press  (Add contact) in the contacts list (►P.74) to add a new entry.
- ◎ If the number is a landline number, enter the area code first.
- ◎ If the name includes 1-byte alphabet and numbers, it may be displayed in the order of given name, family name.
- ◎ To register GPS information, "Location" must be set to "ON" beforehand.
- ◎ If a caller's number is withheld, "Ring Set" does not operate.

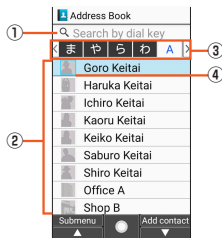
◎ Numbers and names registered in the phone book can become erased due to accident or malfunction. Keeping a separate copy of numbers and other important information is recommended. The Company is not liable for any damages or lost profits whatsoever due to alteration or loss of contact information resulting from accident or malfunction.

Using the Contacts List

Displaying the Contacts List

- 1 When the standby screen is displayed, press .**
When the contacts list is in "Group" view, a list of groups is displayed. Selecting a group displays a contacts list for that group.

■ Viewing the Contacts List



《Contacts List (Name Order)》

① Search by dial keys

You can search for contacts by pressing the dial keys in the contacts list and entering yomigana readings. Pressing the **クリア** key deletes yomigana and ends search.

② Contacts

Contacts are displayed for the selected tab.

③ Tabs

④ Face image

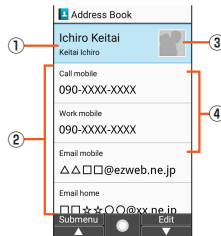
A face image is displayed if registered.

◎ Press **右** to switch tabs.

Using Information Registered for Contacts

- 1 When the standby screen is displayed, press **電話** → Select the contact → **●**.

■ Viewing Address Book Details



《Address Book Details》

- ① Name
- ② Registered information
- ③ Face image
- ④ Main phone number/main e-mail address

- ◎ You can make calls, create e-mail, etc. by selecting registered information and pressing ●.
- ◎ When several phone numbers or e-mail addresses are set, you can select a phone number/e-mail address and press ● → [Set main phone number]/[Set main mail address] to set as the main phone number/e-mail address.
- ◎ You can press @ (Edit) to edit registered information.

Mail

Checking E-mail

Received e-mail is saved in the "Inbox". Sent e-mail is saved in the "Outbox". Received and sent e-mail that meets filtering criteria is saved in a designated folder. E-mail that was saved without being sent and send-failed e-mail is saved in the "Unsent" box.

1 When the standby screen is displayed, press .

The folder list is displayed.

2 [Inbox] / [Outbox] / [Unsent] / Select folder → .

The e-mail list is displayed.

-  (2Line/3Line): Switch e-mail list views.

3 Select e-mail → .

The e-mail message is displayed.

-  (Prev): View previous e-mail
-  (Next): View next e-mail

Ⓢ Once the capacity of the "Inbox" is exceeded, oldest read e-mail is automatically deleted. E-mail that is unread, protected, or for which the text body is unreceived is not deleted.

- Ⓢ New e-mail cannot be received if the "Inbox" is full and it contains all unread e-mail.
- Ⓢ Once the capacities of the "Outbox" and "Unsent" box are exceeded, oldest sent e-mail is automatically deleted. If there is no sent e-mail that can be deleted, send-failed e-mail is deleted, followed by unsent e-mail. Protected e-mail is not deleted.

■ Viewing the Folder List

In the folder list, the "Inbox", "Outbox", folders, etc. are displayed. Folders created by selecting "Create new folder" are displayed.

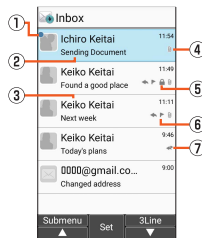
-  (red, number of e-mail) is displayed for new e-mail in the "Inbox". After checking new mail in the received e-mail list, the icon turns  (blue, number of unread e-mail). The icon is not displayed if there is no unread e-mail.
-  (blue, number of unread e-mail) is displayed for e-mail in the "Unsent" box. The icon is red if there is send-failed e-mail.



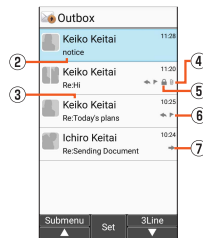
《Folder List》

- ① Create new
- ② Inbox
- ③ InfoBox
- ④ Outbox
- ⑤ Unsent
- ⑥ Friends
- ⑦ Create new folder
- ⑧ Number of unread/unsent e-mail

■ Viewing the E-mail List



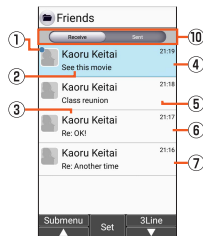
《Received E-mail List》



《Sent E-mail List》



《Unsent E-mail List》



《E-mail List (Folders)》

- ① ●: Unread e-mail
- : E-mail with unreceived text body
- ② Subject

③ Recipient's/sender's name or e-mail address

The registered image/name is displayed if the e-mail address is registered in the contacts. If the e-mail address is unregistered, the e-mail address is displayed.

If a sender designation is set for the received e-mail, the set name is displayed.

- If the e-mail address is registered in the contacts, the registered name takes priority.
- If there are several recipients, their registered images are displayed.
Images are not displayed for 5th and later recipients.

④ Electronic file attached

⑤ Protected mail

⑥ Flagged e-mail

⑦ ←: Replied-to e-mail/reply e-mail

→: E-mail that has been forwarded/Received forwarded e-mail

↔: Replied-to e-mail/e-mail that has been forwarded

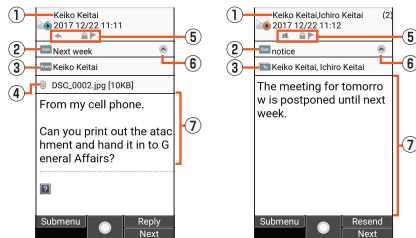
⑧ E-mail waiting to be automatically resent

⑨ E-mail text unreceivable due to no mail on server/ Send failure mail

⑩ Received/sent slider

Switch between received and sent e-mail lists in a folder.

■ Viewing an E-mail Message



《Received E-mail Message》 《Sent E-mail Message》

① Recipient's/sender's name or e-mail address

② Sub: Subject

③ From: Sender's name or e-mail address

To / CC: Recipient's name or e-mail address

④ Saved electronic file

Save-failed electronic file

Saved inline electronic file

Unreceived electronic file

Receive-failed electronic file

⑤ ←: Replied-to e-mail/reply e-mail

→: E-mail that has been forwarded/Received forwarded e-mail

↔: Replied-to e-mail/e-mail that has been forwarded

Multiple recipients

BCC: E-mail received with BCC recipients

Resend: E-mail waiting to be automatically resent

▲ : Send-failed e-mail

🔒 : Protected mail

🚩 : Flagged e-mail

⑥ ▼ : Address/electronic file

Select and press ● to display e-mail address and attached data list.

⑦ Mail text

Sending E-mail

1 When the standby screen is displayed, press [Create new].

The e-mail create screen is displayed.

2 Select the address entry field → ●.

3 * Menu items may depend on the function you are using, conditions of usage, etc.

Address book	Enter e-mail address from contacts as a recipient.
Address group	Enter all e-mail addresses registered to a contacts group as the recipients. • If the number of e-mail addresses in the group exceeds the limit available for recipients, addresses are entered up to the limit.

Receive history	Select and enter an e-mail address from the received e-mail history. • [Delete] → Select e-mail address → ● → [Delete] → [Delete] to delete the history.
Send history	Select and enter an e-mail address from the sent e-mail history. • [Delete] → Select e-mail address → ● → [Delete] → [Delete] to delete the history.
Profile	Enter own e-mail address as recipient.
Direct input	Enter e-mail address directly.
Paste	Paste copied e-mail address.

4 Select subject field → ● → Enter subject → ● (Done).

5 Select text field → ● → Enter text → ● (Done).

6 [Send] → [Send].

● デコレーションアニメ (decoration anime) is not supported.

● Up to 1000 e-mails as the total for all recipients can be sent in one day.

● One e-mail can be sent to up to 30 recipients (including To, Cc, Bcc, up to 64 1-byte characters per e-mail) at a time.

- ◎ Emoji sent to an other-brand cell phone, PC, etc. may sometimes be converted to the other-brand emoji or may not be displayed properly. Emoji sent to another au phone may sometimes be converted to a differently designed au emoji.
- ◎ The confirmation screen when sending an e-mail can be disabled also.
- ◎ You can press  (Save) in the e-mail create screen to save e-mail that is being created to the "Unsent" box.
- ◎ By enabling "Automatic resend", you can have failed e-mail automatically sent again later.
- ◎ You can insert up to 20 (totaling up to 100 KB) DEmoji in the mail text.
 - * A same entered decoration emoji can be entered repeatedly any number of times.

■ Adding/Deleting Recipients

■ Adding a recipient

1 E-mail create screen → Select the empty address entry field → .

A submenu for selecting a recipient entry method is displayed. Refer to step **3** of "Sending E-mail". You can also add recipients by entering them directly in the address entry field.

■ Deleting a recipient

1 E-mail create screen → Select a recipient to delete → → [Delete] → [Delete].

- ◎ You can change the recipient type by selecting "".
→ . You cannot change the recipient type for the topmost recipient.

Receiving E-mail

1 Receive E-mail.

Once an e-mail is received, you are notified of the new mail in the following ways.

-  is displayed in the status bar, and the ringtone sounds.
The e-mail address, name, and subject are displayed in the status bar. If a sender designation is set for the received e-mail, the set name is displayed. If the e-mail address is registered in the contacts, the registered name takes priority.
- The charging/incoming indicator flashes blue.
- If the product is folded, the e-mail address, or name if registered in the address book, is displayed in the sub-display. A  mark is also displayed.

2 When the standby screen is displayed, press → [Inbox].

The e-mail list is displayed.

3 Select a received e-mail → .

The e-mail list is displayed.

- ◎ E-mail is received in the background even while using e-mail or other functions.  is displayed in the status bar, and the ringtone sounds. However, e-mail is not received in the background if "Auto-receive" is disabled.

- ◎ If "Auto-receive" is disabled or there is a receive failure, a ringtone sounds and  is displayed. Use the procedure at "Inquiring for and Receiving New Mail" (▶P.82) to receive the e-mail.
- ◎ Data fees may be incurred even if mail is not properly received due to reception conditions or the data being received.
- ◎ The maximum size of mail text that can be received is 1 MB per e-mail. If a mail text exceeds that, a message appears at the end of the received portion indicating that it is truncated.
- ◎ Received e-mail may not be correctly displayed depending on the content of the mail.

Inquiring for and Receiving New Mail

You can inquire for and receive new mail if "Auto-receive" is set to disable or there is an e-mail receive failure.

1 When the standby screen is displayed, press .

The folder list is displayed.

2 (Receive)

Confirm whether there is new e-mail.

Sending SMS

Send messages (mail text body) with kanji, hiragana, katakana, alphabet and numbers, symbols, emoji, and facemarks.

1 When the standby screen is displayed, press (hold down).

Alternatively, to access the screen from the standby screen,  →  (SMS).

2 [Create new]

- When sending to a contact you have exchanged SMS with before, you can also select the thread to create SMS. In this instance, proceed to step

4.

3 [Address book]/[Direct input] → Enter the phone number of a recipient.

Before sending SMS overseas, enter "010" and the "country code" at the start of the phone number for the recipient.

"010" + "country code" + "phone number for recipient"

- * If quoting the cell phone number for the recipient from the phone book, etc., select the recipient entry field again and enter "010" and the "country code".
- * If the cell phone number for the recipient starts with a "0", enter the number without the "0".

4 Enter text.

You can enter up to 670 2-byte/1530 1-byte characters in the mail text.

- * You can enter up to 70 2-byte/160 1-byte characters in the mail text to devices from other domestic/overseas mobile operators.

5 (Send) → [OK]

- ◎ Before step 5, you can press  to display "Draft" in the outbox and save mail without sending it.
- ◎ The SMS center holds SMS as follows.
 - **Time holdable (accumulated)**
For 72 hours
 - * SMS that has accumulated for more than 72 hours is erased.
 - **Number holdable up to 300**
 - * It may not be possible for the SMS center to hold SMS depending on conditions of the receiving customer's phone/service use or the sending customer's phone model.

- ◎ Accumulated SMS is delivered at the following times.
 - **Delivery soon after accumulating SMS**
All SMS held at the SMS center is delivered each time new SMS accumulates.
 - **Delivery by the retry function**
If SMS could not be delivered soon after accumulating, such as when the other party was in poor signal conditions or your product was powered off, SMS is repeatedly sent to them by the retry function for a maximum of 72 hours.
 - **Delivery after completion of call**
If SMS could not be delivered soon after accumulating, all SMS held at the SMS center is delivered once you complete a call on the product.
 - * The time that SMS is delivered may differ with international SMS.
 - * The time that SMS is delivered may differ with international SMS.
- ◎ SMS cannot be sent without displaying the number of the sender.
- ◎ Emoji sent to an other-brand cell phone may sometimes be converted to the other-brand emoji or may not be displayed properly. Emoji sent to another au phone may sometimes be converted to a differently designed au emoji.
- ◎ A "▲" may be displayed, although rarely, for a sent message that was sent successfully but where signal was weak, etc.
- ◎ For details on international SMS, refer to the au homepage.
<https://www.au.com/mobile/service/global/sms/>

Receiving SMS

1 Receive an SMS.

Once an SMS is received, you are notified of the new mail in the following ways.

- A new SMS icon is displayed in the standby screen,  in the status bar, and a mail ringtone sounds.
- If the product is folded,  is displayed in the sub-display.
- The charging/incoming indicator flashes.

2 When the standby screen is displayed, press (hold down).

3 [Inbox] → Select a message to check → .

The received SMS is displayed.

"Unread" is displayed for unread SMS in the inbox.

- ◎ Receiving SMS is free of charge.
- ◎ You can confirm the phone number of the sender with received SMS.
- ◎ Received SMS may not be correctly displayed depending on the content of the mail.
- ◎ Shortage of the product memory (internal storage) makes impossible to receive SMS properly.
- ◎ While data is being backed up or restored with the Data Storage application, do not exit the SMS app. This may prevent data from being properly received.

Internet

Accessing the Internet

You can access the Internet by data communication or the wireless LAN (Wi-Fi®) function.

◎ Data communication is available only with subscription to LTE NET or LTE NET for DATA.

Using Data Communication

This product provides easy access to the Internet for data communication with use of "LTE NET" or "LTE NET for DATA". Settings for connecting to the Internet with LTE NET are pre-installed on the product, and activating an application that requires an Internet connection automatically connects the product to the Internet. To access the Internet with LTE NET for DATA, in the standby screen, ⦿ → [Settings] → [Other settings] → [Network] → [Network settings] → [Cellular networks] → [Access Point Names] → [LTE NET for DATA].

◎ Subscription to a flat-rate/discount service allows you to use an Internet connection with flat-rate charges. For details on LTE NET, LTE NET for DATA, and data communication flat-rate/discount services, refer to the latest au総合カタログ (au general catalog)/the au homepage.

■ Precautions when Using Data Communication

- Using large-volume data communication, such as browsing websites containing images, downloading video and other data, and using applications that use data communication results in high data communication charges. Therefore, subscription to a flat-rate/discount service for data communication charges is recommended.
- To prevent excessive burdens on the network, communication speed is sometimes reduced due to continued large-volume data transfers, busy network conditions, etc.

■ How to Confirm Your Data Communication Charges

You can confirm your data communication charges at the following URL.

<https://www.au.com/support/>

Browser

Using the Browser

You can use the browser to view webpages in the same way as with a PC.

- After a webpage is displayed in the browser, Touch Cruiser EX is enabled. For details on operating Touch Cruiser EX, refer to "Using Touch Cruiser EX" (►P.44).
- When a webpage is displayed for the first time, a permission screen is displayed. Confirm the content and follow the on-screen instructions.

Using the Browser Menu

1 When the standby screen is displayed, press .

The browser menu is displayed.

2	Homepage	Connect to the Internet and view webpages.
	Bookmarks	Use and manage registered bookmarks.
	Web search	Enter a URL directly to display a site. You can also enter keywords to search for information on webpages.
	History	Display the browsing history.

My au	Display My au webpage.
Download	Display the download history.
Browser Settings	Change browser settings.
Let's start with TOUCH CRUISER EX	Check how to operate Touch Cruiser EX.

Increasing/Decreasing the Size of the Browser Screen/Text

Increasing/Decreasing the Screen Size

1 When the browser is displayed, press (Decrease)/ (Increase) → .

Press / to toggle the screen size.

- While increasing/decreasing the screen size, you can also press  to change the size.

 May be unavailable in some webpages.

■ Increasing/Decreasing the Text Size

1 When the browser is displayed, press [4] (Decrease)/[6] (Increase)

→ .

Press [4]/[6] to toggle the text size.

- While increasing/decreasing the text size, you can also press  to change the size.

◎ May be unavailable in some webpages.

■ Operating the Browser with Touch Cruiser EX

You can use Touch Cruiser EX features to smoothly browse webpages. For details on Touch Cruiser EX, refer to "Using Touch Cruiser EX" (▶P.44).

- After activating the browser, Touch Cruiser EX is enabled.

1 Use Touch Cruiser EX to operate the browser.

Tap: Select or finalize items.

Flick: Long-touch the screen to display "" and then scroll up or down.

Double-tap: Zoom out or in on images.

◎ If the  key does not respond while using the browser, enabling Touch Cruiser EX sometimes enables the cursor to be operable.

Camera

Before Using the Camera

- Fingerprints and smudges on the lens may cause images to appear unclear. Before capturing images, wipe the lens with a soft cloth. Rubbing forcefully may scratch the lens.
- Avoid fingers, hair, strap, etc. from covering the lens during image capture. Hold the strap if it interferes with capture.
- When capturing images, avoid covering the microphone with fingers. Loudness of voices and surroundings during capturing may affect the sound quality of the microphone.
- When using the self-timer for image capture and the product is placed on an unstable surface, the product vibrates such as when you receive a call. It may cause the product to fall.
- Even in manner mode, the shutter clicks for photos. Also during movie shooting, start and stop beeps sound. The volume cannot be adjusted.
- Exposure of the lens for extended periods to direct sunlight or other sources of strong light may discolor the internal color filter and cause discoloration in still pictures/video.
- Capturing or saving still pictures/video after the product has been left in a warm place for an extended period may affect the still pictures/video.

- The camera comprises high-precision components, and includes pixels that are always on or that do not light. Image capture in extremely dark conditions will result in blue, red, and white dots, etc.
- Release the shutter after confirming that the subject is properly displayed in the main display. Moving the camera while releasing the shutter may cause still pictures to be blurry.
- When capturing images indoors under fluorescent lighting, faint stripes may be visible on the screen from fluorescent light flickering (very faint, invisible to the human eye), but is not a malfunction.
- The color of still pictures/video captured with the product camera may differ from the actual subject. Images may appear partially darker or brighter due to the characteristics of the lens and depending on the subject and illumination when capturing. Subjects may also appear partially distorted.
- Subjecting the product to shock while capturing images may cause the camera to lose focus. If focus is lost, activate the camera again.
- Focusing may not be possible for the following types of subjects.
 - Low-contrast subjects such as plain walls
 - Subjects with strong backlighting
 - Shiny subjects that reflect light brightly
 - Subjects with a pattern that repeats horizontally such as blinds
 - Several subjects with differing distances from the camera
 - Subjects in dark conditions
 - Fast-moving subjects

- Faint sound may be audible when using the camera such as when activating the camera. This is from the internal components and is normal.
- Directly capturing the sun, a lamp, or other strong source of light may cause still pictures/video to be dark or noise may appear.
- The screen may appear momentarily white or dark when capturing a moving subject or when moving from light to dark conditions. Noise may also momentarily appear.
- Noise may increase and result in grainy still pictures when capturing in dark conditions.
- Immediately after switching camera modes or changing camera settings, it may take time for brightness, color, etc. to be displayed optimally.
- Creating a public nuisance with use of the product camera may be punishable by law.
- If the battery level is less than  (about 10%), the camera cannot be activated.
- It may not be possible to use the camera in the following instances.
 - When the temperature of the product is high after using for an extended period
 - When using the product in extremely low temperatures such as outdoors in the winter
 - When other applications are activated

Capturing Still Pictures/Video

You can capture still pictures and video. You can also switch camera settings to match the subject you want to capture.

After activating the camera, Touch Cruiser EX is enabled. For details on operating Touch Cruiser EX, refer to "Using Touch Cruiser EX" (►P.44).

■ Capturing Still Pictures

1 When the standby screen is displayed, press .

The still picture viewfinder is displayed.

: Zoom out/zoom in

: Adjust brightness

 (Settings): Display camera settings menu

 (Preview): Display captured still pictures

 (Focus): Lock focus

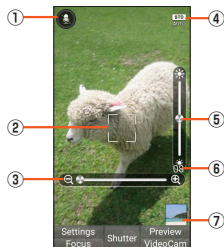
 (VideoCam): Switch to video capture

: Toggle screen icon show/hide

2 (Shutter)

The still picture is captured and saved.

■ Viewing the Still Picture Viewfinder



《Still Picture Viewfinder》

① Voice recognition

② Focus mark

If "Face AF" is set, faces are detected for focusing.
You can specify where to focus by tapping the subject's position with the pointer.

③ Zoom

④ Capture mode

⑤ Adjust brightness

⑥ Shots remaining

Displayed when 99 or fewer shots remain.

⑦ Minipreview

Display thumbnail of preceding captured data.

◎ Select an icon or minipreview with the Touch Cruiser EX pointer to activate the function corresponding to the icon or play a captured still picture.

■ Capturing Video

1 When the standby screen is displayed, press (hold down).

The video viewfinder is displayed.

: Zoom in/zoom out

: Adjust brightness

(Settings): Display camera settings menu

(Preview): Play back captured video

(StillCam): Switch to still picture capture

: Toggle screen icon show/hide

2 (Start)

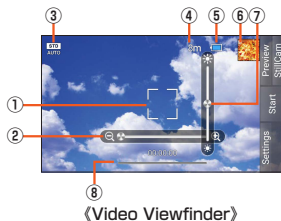
Video capture begins.

- You can press (Shutter) during recording to capture a still picture.

3 (Stop)

Capture ends and the video is saved.

■ Viewing the Video Viewfinder



- ① Focus mark
- ② Zoom
- ③ Capture mode
- ④ Recording time remaining
- ⑤ Battery level
- ⑥ Minipreview
Display thumbnail of preceding captured data.
- ⑦ Adjust brightness
- ⑧ Capture time

◎ Select an icon or minipreview with the Touch Cruiser EX pointer to activate the function corresponding to the icon or play a captured video.

TV

Using TV

TV (1Seg) is a digital terrestrial TV broadcast service for mobile devices, and allows reception of image and audio as well as data broadcast.

For details on the digital terrestrial TV broadcast service, refer to the below website.

The Association for Promotion of Advanced Broadcasting Services

<http://www.apab.or.jp/en/>

■ Precautions When Using TV

- No communication charges or data communication charges are incurred for using TV. However, data communication charges are incurred for use of additional services associated with data broadcast that use data transmission. Regarding NHK reception fees, inquire with NHK.
- While displaying the TV screen, the product may become warm and cause low-temperature burns, etc. if used in contact with the skin for an extended period.
- Listening at a volume that is loud to the ears continuously for an extended period may affect hearing.
- TV is for digital terrestrial TV broadcast 1Seg in Japan only.

- Overseas, 1 Seg cannot be used due to differing broadcast formats and frequencies. Also, BS and 110-degree CS digital broadcasts cannot be viewed.
- Do not use TV while operating a vehicle or motorcycle, or riding a bicycle, etc. or while walking. Doing so may prevent surrounding sound from being heard and may distract you, causing a traffic accident.

■ Signal

Signal may be weak in the following places and may affect picture/sound quality or prevent reception.

- Areas that are distant from or extremely close to the broadcast station
- In a moving train/car, underground shopping district, tunnel, indoors, etc.
- In a valley or shade of a building
- Near high-power lines, neon lighting, a radio station, railway track, highway, etc.
- Other places where interfering signals are strong or signals are blocked

To improve signal reception, try the following.

- When viewing indoors, view near a window for better reception.

■ TV Antenna

The product has a built-in antenna.

■ Operation Based on Battery Level

TV cannot be activated if the battery level is less than  (about 10%).

Making Initial TV Settings

Set a channel list for viewing the first time activating TV. Once settings are complete, you can view TV programs.

1 When the standby screen is displayed, press → [Tools] → [TV].

If a license screen is displayed, confirm the content and select "Agree".

2 [Create by selecting the area]

If the area cannot be determined, select "Create by searching channels" and follow the on-screen instructions.

3 Select the region → .

4 Select the prefecture → .

5 Select the area → .

Scanning for broadcast stations starts.

6 Confirm the channel list → (Set).

Viewing TV Programs

Viewing a TV Program

1 When the standby screen is displayed, press → [Tools] → [TV].

-  (Data mode/TV mode): Switch data operation mode/TV viewing mode
-  (Rotate): Switch screen display between vertical and horizontal

■ Key Operation in TV Viewing Mode

You can switch channels and adjust volume.

- *1*2: Adjust volume (volume at 15 levels or mute)
- *1: Switch channels, hold down to search channels
-  to , , : Switch channels
- : End

*1 Operation depends on the screen view.

*2 While connected by Bluetooth®, volume adjustment from a Bluetooth® remote control is possible.
However, may not be possible depending on the Bluetooth® device.

■ Key Operation in Data Operation Mode

You can use information (data broadcast) in the information display area.

- : Move cursor, scroll
-  to , , : Select item as assigned by contents
- : Select item
- : Go back one page in data broadcast

-  When activating TV or changing channels, it may take time to obtain data for data broadcast and TV image due to digital broadcasting characteristics.
-  Image and sound may be disrupted or stop due to signal conditions.
-  The camera is unavailable while TV is activated.
-  No communication charges or data communication charges are incurred for viewing data broadcast. However, data communication charges are incurred for accessing related sites in information obtained from data broadcast or obtaining additional information.

■ Viewing the TV Screen



《TV Screen》

- ① **Program information**
Displays the program title and station name.
- ② **Image**
- ③ **Subtitles**
If subtitles are enabled, subtitles are displayed in the subtitle area.
- ④ **Information display area**
- ⑤ **Volume**

LINE

Using LINE

LINE is a new communication application which allows you to make free voice calls and send free messages anytime and anywhere.

- Registration of an account is required for using LINE. For details on using LINE, visit the LINE website, or from the LINE screen → [⋮] → [Settings] → [Help] and refer to the help.

1 When the standby screen is displayed, press → [LINE].

The LINE top page is displayed.

Terms of use, login screen, etc. appear the first time using LINE. Confirm the content and follow the on-screen instructions.

After activating LINE, Touch Cruiser EX is enabled. For details on operating Touch Cruiser EX, refer to "Using Touch Cruiser EX" (▶P.44).

- ◎ Games and some other functions cannot be used on the product.
- ◎ By changing "KeyTranslator" in "Accessibility" to OFF, the key focus in LINE is no longer displayed. Please use "Accessibility" without changing the settings.

Displaying the Settings Menu

Set and manage functions from the settings menu.

- 1 When the standby screen is displayed, press  → [Settings].**

Item	Description
Wallpaper/display	Set wallpaper and screen brightness, etc.
Font settings	Make settings for the text size or text font.
Sound/vibration	Change manner mode settings, volume and sound of ringtone, etc.
au ID Setting	Set an au ID.
Energy saving/battery	Set energy saving mode and check battery usage.
Wi-Fi	Set Wi-Fi® (▶ P.95).
Bluetooth	Set Bluetooth®.
Location	Make settings for location information.
Quick start key	▶ P.59 "Using Quick Start Key"
Security	Set product lock and security feature and secret mode.
Other settings	Set the date and time, select language, screensaver, etc.

Wireless LAN (Wi-Fi®) Function

You can use a household wireless LAN (Wi-Fi®) environment or a public wireless LAN environment when outside to connect to an Internet service. To connect to the Internet using Wi-Fi®, you must register an access point for connecting to beforehand.

Using the Wireless LAN (Wi-Fi®) Function

Turning the Wireless LAN (Wi-Fi®) Function On

- 1 When the standby screen is displayed, press  → [Settings] → [Wi-Fi].**

The Wi-Fi® settings screen is displayed.

- 2 [Wi-Fi settings]**
Wi-Fi® switches ON.

Connecting to a Wi-Fi® Network

- 1 When the standby screen is displayed, press  → [Settings] → [Wi-Fi].**

When Wi-Fi® is activated, a list of connectable access points is displayed in the Wi-Fi® settings screen.

- 2 Select an access point → .**

- 3 Enter the password → [Connect].**

Enable "Show password" to ON to show passwords during entry.

- ◎ Some access points do not require a password.
- ◎ Depending on your environment, transmission speed may drop or a connection may be unavailable.

Disconnecting from an Access Point

- 1 When the standby screen is displayed, press  → [Settings] → [Wi-Fi].**
- 2 Select the connected access point →  → [Disconnect].**

◎ After disconnecting from an access point, a password may be required to reconnect.

Appendix

Updating Software

The product supports the software update.

- 1 When the standby screen is displayed, press  → [Settings] → [Other settings] → [Device info] → [Software update].**

- | | | |
|----------|------------------------|--|
| 2 | Software Update | <p>Check whether a software update is necessary or not.</p> <p>Press  (Exec) to start a check. When an update is necessary, you can download data for a software update.</p> <ul style="list-style-type: none">• To update immediately, press  (Exec) and follow the on-screen instructions.• To update later, select "Later" to end the application, and "The install confirmation message will reappear in 24 hours" is displayed. Press "OK" and  is displayed in the status bar.. To update software, select "Software update" in the status bar and follow the on-screen instructions.• If a software update is possible, information on the software update to download is displayed. |
|----------|------------------------|--|

Notification	Switch the notification on/off for indicating whether a software update is available. • If set to "ON", information on the software update to download is displayed.
--------------	--

■ Notes on Software Update

- When software update is necessary, you will be informed on au homepage, etc. For details, contact an au shop or Customer Service Center (call toll-free 157). In addition, users of SHF34 will receive a notice from au, when software update is necessary to improve the functionality of SHF34.
- It is recommended to back up your data before updating software.
- If the software update has failed or stopped, perform the same procedures again.
- If software update has failed or stopped, perform the same procedure again.
- If the software update fails, it may become impossible to operate the product. If this happens, bring it to an au shop or PiPit (not accepted by some shops).
- Charge the battery sufficiently before starting update. If the battery level is insufficient or the battery runs out during the update, the software update may fail.
- Check out the signal reception status. The software update may fail if the product is in a place with bad signal reception status.

- Various data registered on the product (address books, mails, still pictures, music data, etc.) and information of settings will not be changed even after software is updated. However, note that data may not be protected depending on the state of the product (fault, damage, getting wet with water, etc.).
- After software is updated, the download of next update software may automatically start (consecutive update).
- During international roaming, the software update function can only be used with a Wi-Fi® connection. As this function cannot be used without a Wi-Fi® connection, be sure to first connect via Wi-Fi® before updating software.

Do not conduct the following operations during the software update

- Do not move during software update.

The following operations are not available during the software update

- Any operations are not available during software update. Calling 110 (Police), 119 (Fire/Ambulance), 118 (Maritime rescue) and 157 (Customer Service Center) is not available. Alarm does not work, either.

Troubleshooting

Before you assume that the product is malfunctioning, check the following:

Trouble	Detail
Battery usage time is short	• Make sure you do not often use the product in places where  (out of service) is displayed. (▶P.50) • Is the battery charged enough?
Cannot make calls	• Is the au IC card inserted? (▶P.43) • Was the number entered correctly? (Was the area code entered?) (▶P.66) • Is "Airplane mode" set? (▶P.50) • Is the power turned on? • Did you press  after entering the number? (▶P.66)
Cannot receive calls	• Is the signal good enough? (▶P.50) • Is the product within the service area? (▶P.50) • Is "Airplane mode" set? (▶P.50) • Is the power turned on? • Is the au IC card inserted? (▶P.43)
1 Seg is not displayed, image stops, audio stops, noise appears	• Is the digital terrestrial TV broadcast signal adequate? (▶P.49) • Is your hand covering the TV antenna area? (▶P.43)

Trouble	Detail
Camera does not operate	- Is the battery low? (▶P.50) - Check how to use the camera. (▶P.88)
Cannot operate the keys panel	- Turn off the power and then turn it on. - Is the power turned on?
Cannot operate/ The screen does not respond/ Cannot turn off the power	You can force the power off by holding down  for at least 8 seconds and releasing your finger after the product vibrates. the product on again after a while.
The power is turned off automatically	Make sure the battery has not run out.
The power is turned off while the wake-up logo is displayed	Make sure the battery has not run out.
 (out of service area) is displayed	- Is the signal good enough? (▶P.50) - Is the product within the service area? (▶P.50) - Is your hand off the area around the internal antenna? (▶P.43) - Is the au IC card inserted? (▶P.43)

Trouble	Detail
A message indicating that charging is necessary is displayed	The battery is almost empty. (▶P.50)
The product answers calls when it shouldn't	- Is Answering memo set? (▶P.50) - Is manner mode set? (▶P.50) - Is auto answer set?
When making a call, a beeping sound is heard from the earpiece and a connection cannot be established	- Is the signal good enough? (▶P.50) - Is the product within the service area? (▶P.50) - The wireless line is extremely busy or the party is calling. Retry later.

If symptoms do not improve after checking each of the above, information is provided through "トラブル診断" (Japanese) of au homepage:
<https://www.au.com/trouble-check/>

Calling the Customer Service Center and Searching Location or Remotely Locking/Unlocking the Product

You can use 位置検索サポート (Location Search Support) to have the Customer Service Center find your au phone's approximate location or lock the screen or Osaifu-Keitai® if misplaced or lost.

From a fixed-line phone, ☎ **0077-7-113** (toll free)
From an au cell phone, **113** without area code (toll free)

Business hours: 24 hours (7 days a week)

- Follow voice guidance to complete procedure.

After-Sales Services

■ When Asking for Repair

For repair, contact Repair and Delivery Support Center.

During the warranty period	Repairs will be done based on the terms of services of the free-of-charge repair warranty.
Outside the warranty period	We shall repair the product for a charge as requested by the customer if repair renders it usable.

* The warranty period is one year from the day when you purchase the product.

- ◎ Before handing in the product for repair, make a backup of the contents of memory since they may disappear during repair. Note that the Company shall not be liable for any damages and loss of income should the contents of memory be altered or lost.
- ◎ Recycled parts that meet the Company's quality standards are sometimes used for repair.
- ◎ au cell phones collected by Replacement cell phone delivery service which you used before are recycled to cell phones for replacement after repairs. Also parts replaced by au after-sales service are collected and recycled by the Company. They are not returned to customers.

- ◎ Instances where the product has been changed, modified, or analyzed (including software modification or analysis (including rooting, etc.) reverse-engineered, reverse-compiled, or reverse-assembled) or has been repaired at a location other than an authorized repair location designated by the Company may not be covered by warranty or may prevent the product from being accepted for repairs.
- ◎ The battery pack is not covered by the free-of-charge repair warranty.

■ Performance Parts for Repair

The Company retains performance parts for repair of the SHF34 main unit and its peripherals for 4 years after discontinuation of production. Performance parts for repair refers to parts required for maintaining the functions of the product.

■ Terms of Services of Free-of-Charge Repair Warranty

1. When you apply for repair, inform us of your serial number (IMEI number). You can check the main unit or the sticker attached on the packaging box for the serial number (IMEI number).
2. Repairs will be done based on the terms of services of the free-of-charge repair warranty when the product is used correctly based on the instruction manual and the product is malfunctioning.

3. Repairs will be charged in the following cases even during the warranty period. (Also, the product cannot be repaired in some cases.)
 - ① When the product is not used correctly based on the instruction manual.
 - ② When the product is malfunctioning or damaged due to modification and repair.
 - ③ When the product is repaired by repair offices other than the company specified.
 - ④ When the product is malfunctioning or damaged due to a handling fault or accident. Or when there are some traces that the product is damaged by falling, water or humidity.
 - ⑤ When the product is malfunctioning or damaged due to earthquakes, storms, floods or other natural disasters, as well as fires, salt, abnormal voltage, etc.
 4. Repairs may be refused depending on the damage condition of devices.
 5. Note that the company shall not be liable for any damages and loss arising from the product malfunction.
 6. The Company assumes no responsibility for any accidents when the product is connected with an unspecified device.
 7. On-site repair is not available.
 8. This warranty is valid only in Japan. (This warranty is valid only in Japan.)
- * The warranty guarantees that free-of-charge repairs will be done based on the terms of period and conditions indicated above. Therefore, the warranty does not limit your legal rights against persons in charge of the warranty and other operators.

■ Repair and Delivery Support

An after-sales service membership program on a monthly basis called "Repair and Delivery Support" (monthly fee: 380 yen, tax excluded) is available for using your au cell phone for a long time without worries. This service expands coverage for many troubles including malfunction, theft and loss. For details of this service, check on the au homepage or contact Repair and Delivery Support Center.

- ◎ You can apply for membership only at the time of purchasing your au cell phone.
- ◎ Once you cancel the membership, you cannot reapply for it until you purchase an au cell phone next time.
- ◎ Note that when changing the model or purchasing an extra cell phone, this service only covers the most recently purchased au cell phone.
- ◎ When an au cell phone is handed over to you or someone else, the "Repair and Delivery Support" membership is also handed over to the successor of the cell phone.
- ◎ When you get a new au cell phone by changing the model, purchasing an extra cell phone, etc., the "Repair and Delivery Support" membership for the old au cell phone is automatically canceled.
- ◎ Service contents are subject to change without notice.

■ au IC Card

The au IC card is lent to you by au. In case of loss or damage, the card will be replaced at your expense. When malfunction is suspected, or in case of theft or loss, contact an au shop or PiPit.

■ au After-Sales Service Information

Service contents			Repair and Delivery Support	
			Member	Non-member
Replacement cell phone delivery service	Spontaneous failure	1st year	Free	N/A
		2nd year and later	Refer to the table of the service charge in "Replacement cell phone delivery service" (Member) service charge.	
	Partial damage, water soak, irreparable damage, theft and loss			
Holding over and repair	Spontaneous failure	1st year	Free	Free
		2nd year and later	Free of charge (three-year warranty)	Actual cost
	Partial damage		Customer charge Upper limit 5,000 yen	
	Water soak, irreparable damage		Customer charge 10,000 yen	
	Theft, loss		N/A	N/A (By model replacement)

* Charge amounts are all tax excluded

■ "Replacement cell phone delivery service" (Member) service charge

Applicable condition	1st	2nd
Normal	5,000 yen/ Long Benefit* ¹ 3,000 yen	8,000 yen/ Long Benefit* ¹ 6,000 yen
Applied both "WEB割引" (Discount for web application)** ² /"代用機なし割引" (Discount for nonuse of substitute)* ³	4,000 yen/ Long Benefit* ¹ 2,000 yen	7,000 yen/ Long Benefit* ¹ 5,000 yen
Applied only "代用機なし割引" (Discount for nonuse of substitute)** ³	4,500 yen/ Long Benefit* ¹ 2,500 yen	7,500 yen/ Long Benefit* ¹ 5,500 yen

* Charge amounts are all tax excluded

*¹ Customers in 3rd year (25 months) of subscription or all subscription lines in a family discount plan to which the customer belongs are eligible. Customers using a data communication device or tablet are eligible if they are subscribing to a set discount plan (WIN Single Set Discount Service or Smartphone Set Discount) and the subscription for the line covered under the set discount is in its 3rd year.

- *2 WEB割引 (Discount for web application): If you apply "交換用携帯電話機お届けサービス (Replacement mobile phone delivery service)" from the au homepage, 500 yen will be discounted from service charge.
"代用機なし割引 (Discount for nonuse of substitute)" is applied automatically as the substitution is not available for "WEB割引 (Discount for web application)".
- *3 代用機なし割引 (Discount for nonuse of substitute): If you do not use the substitution when using "交換用携帯電話機お届けサービス" (Replacement mobile phone delivery service), 500 yen will be discounted from service charge.
For details, refer to au homepage.

Online Replacement Service (available 24 hours a day)

* From the PCs and smartphones only
<https://www.au.com/support/service/mobile/trouble/repair/application/>

Replacement cell phone delivery service

- ◎ If you have a problem with your au cell phone, call us to have a replacement one (of the same model and color*) delivered to your specified address. Please return your old faulty au cell phone within 14 days after the cell phone for replacement is delivered to you.
 - * If a same-model/-color cell phone cannot be provided, a cell phone for replacement will be provided in a model and color that we specify .
- ◎ You can use this service up to twice within one year starting from the day when you first use this service. If you have not used this service over the past one year at the time of your application for this service, the application will be regarded as your first time. If you have, the application will be regarded as your second time.
 - * For details, refer to au homepage.
- ◎ If you use this service for theft and loss, and need to have another au IC card reissued at the same time, 1,900 yen will be required separately for the au IC card reissue fee.

Holding over and repair

- ◎ Damages and malfunctions intentionally caused by the customer as well as those due to modification (e.g. disassembly, change of parts, painting, etc.) by the customer are not covered by this service.
- ◎ You cannot receive a refund for replacement of the outer casing due to stains, scratches, paint removal, etc. on the outer casing.

SIM-Unlocking the Product

This product can be SIM-unlocked. SIM-unlocking the product allows other-carrier SIM cards to be used with it.

- Requests can be made for SIM-unlocking on the au homepage or at an au shop.
- Some services, functions, etc. may have restrictions when an other-carrier SIM card is used. The Company does not guarantee operation whatsoever.
- To make settings after SIM-unlocking the product, from the standby screen, press  → [Settings] → [Other settings] → [Device info] → [Status] → [SIM card status].
- For details, refer to the au homepage.

<https://www.au.com/support/service/mobile/procedure/simcard/>

Introduction of Peripheral Devices

■ Battery Pack (SHF34UAA)

■ Back Cover (Royal Green) (SHF34TGA)

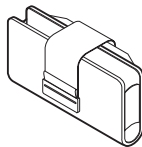
Back Cover (Champagne Gold) (SHF34TNA)

Back Cover (Rouge Red) (SHF34TRA)

■ au Carrying Case F Black (0105FCA) (sold separately)

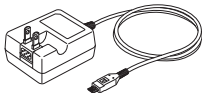
au Carrying Case G Black (0106FCA) (sold separately)

au Carrying Case H Black (0107FCA) (sold separately)



au Carrying Case F Black

- **Common AC Adapter 03 (0301PQA)** (sold separately)
- **Common AC Adapter 05 (0501PWA)** (sold separately)
- **Common AC Adapter 03 Navy (0301PBA)** (sold separately)
- **Common AC Adapter 03 Green (0301PGA)** (sold separately)
- **Common AC Adapter 03 Pink (0301PPA)** (sold separately)
- **Common AC Adapter 03 Blue (0301PLA)** (sold separately)
- **AC Adapter JUPITRIS (Red) (L02P001R)** (sold separately)
- **AC Adapter JUPITRIS (Blue) (L02P001L)** (sold separately)
- **AC Adapter JUPITRIS (Pink) (L02P001P)** (sold separately)
- **AC Adapter JUPITRIS (Champagne Gold) (L02P001N)** (sold separately)



Common AC Adapter 05

- Illustrations and forms may not match depending on the AC adapter you use.

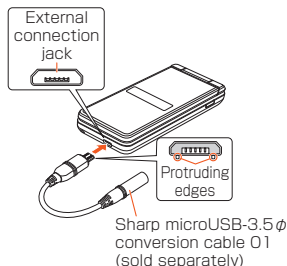
- **Portable Charger 02 (0301PFA)** (sold separately)
- **Desktop Holder (SHF34PUA)**
- **microUSB cable 01 (0301HVA)** (sold separately)
- **microUSB cable 01 Navy (0301HBA)** (sold separately)
- **microUSB cable 01 Green (0301HGA)** (sold separately)
- **microUSB cable 01 Pink (0301HPA)** (sold separately)
- **microUSB cable 01 Blue (0301HLA)** (sold separately)
- **Sharp microUSB-3.5 ϕ conversion cable 01 (SHX11QVA)** (sold separately)
- **テレビde写真 (Photos on TV) Receiver (0603RKA)** (sold separately)

- Using the portable charger 02 (sold separately) may not be fully charged.
- Accessories can be purchased at au online shop. <http://onlineshop.au.com/>

Using an Earphone Microphone with Switch/ Earphone Microphone/ Earphone

You can connect a "Sharp microUSB-3.5 ϕ conversion cable 01 (sold separately)" to the product and use an earphone.

- 1 Insert microUSB plug of Sharp microUSB-3.5 ϕ conversion cable 01 (sold separately) in external connection jack on product in direction shown, confirming its orientation.**



- 2 Insert earphone microphone with switch, earphone microphone, or earphone in earphone jack of Sharp microUSB-3.5 ϕ conversion cable 01 (sold separately).**

■ Answering a Call with an Earphone Microphone with Switch

- 1 Press switch on earphone microphone with switch while call is arriving.**

To end the call, press the switch on the earphone microphone with switch again.

© You may not be able to use this feature depending on the type of earphone microphone with switch or earphone microphone.

Main specifications

Main display	Approx. 3.4 inches, approx. 16.77 million colors, TFT, 960×540 (QHD)
Sub-display	Approx. 0.9 inches, 1 color, Organic EL display
Weight	Approx. 132 g (including the battery pack)
Size (W × H × D)	Approx. 51 mm×113 mm×16.9 mm
Memory (built-in)	ROM: Approx. 8 GB RAM: Approx. 1 GB
Continuous talk time (in Japan)	Approx. 810 minutes
Continuous talk time (overseas (GSM))	Approx. 560 minutes
Continuous standby time (in Japan)	Approx. 620 hours
Continuous standby time (overseas (GSM))	Approx. 670 hours
Continuous tethering time	Approx. 520 minutes
Maximum Wi-Fi® tethered connections	10 devices

Charge time	Common AC Adapter 05 (sold separately): Approx. 130 min. Desktop holder (SHF34PUA) (sold separately): Approx. 140 min.
1 Seg continuous watching time*1	Approx. 7 hours 30 minutes
Camera device	CMOS image sensor
Effective pixels	Approx. 8 million pixels
Bluetooth® function	Communication method: Bluetooth® Standard Ver.4.1 Output: Bluetooth® Standard Power Class 1 Communication distance*2: Within 10 m with no obstacles in the range Compatible Bluetooth® profiles*3: HSP, HFP, A2DP, AVRCP, OPP, SPP, PBAP*4, HID, PAN-NAP, PAN U, apt-X, SCMS-T, HOGP*5, DUN*6, Bluetooth LE GATT Frequency bands: 2.4 GHz band
Network environment	Wireless LAN (Wi-Fi®) function: IEEE802.11b/g/n (2.4 GHz) conformance
Interface	microUSB jack

*1 1 Seg continuous watching time depends on usage conditions.

*2 It changes according to objects obstructing devices and signal reception.

- *3 Specifications provided in Bluetooth® standards for making communication between Bluetooth® compatible devices in accordance with their intended use.
- *4 Some contents of address books data may not be properly displayed on the device of the other party.
- *5 This profile supports Bluetooth® Standard Ver.4.0.
- *6 Supported for some car navigation systems only. See the au homepage for usage.

© The continuous talk time and continuous standby time may drop to less than half depending on the battery charging status, usage environment such as temperature, reception condition at the location where the product is used, and the function settings.

Specific Absorption Rate (SAR) of Cell Phones

This model【SHF34】mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves. This cell phone has been designed in observance of the Japanese technical regulations ^{(*)1} regarding exposure to radio waves* and limits to exposure to radio waves recommended by equivalent international guidelines. These international guidelines were 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 Japanese technical regulations and international guidelines define the limits using a unit of measurement known as the Specific Absorption Rate (SAR), which represents the average amount of radio frequency energy absorbed by the human body. The SAR limit for cell phones is 2.0 W/kg. The highest SAR value for this cell phone when tested for use at the ear is 0.864 W/kg ^{(*)2}. The highest SAR value for this cell phone when tested for use on the body is 0.499 W/kg ^{(*)2}. There may be slight differences in SAR levels among individual products, but they all satisfy the limit.

The actual SAR of this cell phone while talking on the phone can be well below that indicated above. This is due to the cell phone being designed to only output the

minimum power required to communicate with a base station. Therefore in general, the closer you are to a base station, the lower the power output of the cell phone is.

This cell phone can be used in positions other than against your head. Use a carrying case or similar accessory that holds the phone at least 1.5 cm separated from the body and ensure no metal parts are located between you and the cell phone. Under these conditions, this cell phone satisfies Japanese technical regulations and international guidelines for radio wave protection.

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".

If you would like to know more detailed information, please refer to the WHO website.

http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm

Please refer to the websites listed below if you would like to know 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/01denpa/denpa02-02.html>
 - SHARP homepage:
<http://k-tai.sharp.co.jp/support/sar/>
 - au homepage
<http://www.au.kddi.com/english/>
-

- *1 Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).
- *2 This includes the wireless function that can be used simultaneously.

Regulatory Information

Hereby, SHARP CORPORATION declares that the radio equipment type SHF34 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
(<http://www.sharp.co.jp/k-tai/>)

Manufacturer's Address:

SHARP CORPORATION,

1 Takumi-cho, Sakai-ku, Sakai-shi, Osaka 590-8522, Japan

• Description of accessories

Battery Pack	3.85 V 1800 mAh
Headset, Handsfree	Bluetooth
Micro USB cable	For charging, peripherals, etc.
microSD Card	microSD/microSDHC
nano UIM card	au Nano IC Card 04 LE/non- au Nano IC Cards non- au Nano IC Cards can be used after SIM-unlocking the product.

• Frequency range of supported bands in EU

GSM 900	Tx 880.2 to 914.8 MHz Rx 925.2 to 959.8 MHz
DCS 1800	Tx 1710.2 to 1784.8 MHz Rx 1805.2 to 1879.8 MHz
WCDMA FDD I	Tx 1922.4 to 1977.6 MHz Rx 2112.4 to 2167.6 MHz
Bluetooth	Tx 2402 to 2480 MHz Rx 2402 to 2480 MHz
WLAN 2.4 GHz	Tx/Rx 2412 to 2472 MHz (BW: 20 MHz only)
NFC	Tx/Rx 13.56 MHz
GNSS	GPS: Rx L1 (1575.42 MHz) GLONASS:Rx G1 (1598.0625 to 1605.375 MHz)

• Maximum transmit power

GSM 900	+33 dBm (Power Class4)
DCS 1800	+30 dBm(Power Class1)
WCDMA FDD I	+24 dBm(Power Class3)
Bluetooth	+7.7 dBm(Power Class1)
WLAN 2.4 GHz	+15.5 dBm
NFC	0 dBμA/m at 10 m

■ AC Adapter

Any AC adapter used with this product must be suitably approved with a 5Vdc SELV output which meets limited power source requirements as specified in EN/IEC 60950-1 clause 2.5.

■ Battery - CAUTION

Use specified Charger only.

Non-specified equipment use may cause malfunctions, electric shock or fire due to battery leakage, overheating or bursting.

The battery is embedded inside the product. Avoid removing the embedded battery since this may cause overheating or bursting.

Do not dispose of the product with ordinary refuse. Take the product to an au Shop, or follow the local disposal regulations.

Charge battery in ambient temperatures between 5°C and 35°C; outside this range, battery may leak/overheat and performance may deteriorate.

■ Volume Level Caution



To prevent possible hearing damage, do not listen at high volume levels for long periods.

■ Headphone Signal Level

The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 113 mV.

■ Stand-by Mark

⏻: This symbol means the stand-by on/off.

■ European RF Exposure Information

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear is 0.644 W/kg* and when worn on the body is 1.240 W/kg*.

For body-worn operation, this mobile device has been tested and meets the RF exposure guidelines when used with an accessory containing no metal and positioning the product a minimum of 5 mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head.

* The tests are carried out in accordance with international guidelines for testing.

FCC Notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User

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

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

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

Warning

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Exposure Information

Your product is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

Highest SAR value:

Model	SHF34
FCC ID	APYHRO00255
At the Ear	0.58 W/kg
On the Body	0.84 W/kg

This device was tested for typical body-worn operations with the back of the product kept 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between the user's body and the back of the product. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model product with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model product is on file with the FCC and can be found at <http://transition.fcc.gov/oet/ea/fccid/> under the Display Grant section after searching on the corresponding FCC ID (see table above).

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at <http://www.fcc.gov/encyclopedia/radio-frequency-safety>.

Export Administration Regulations

The Japan Export Administration Regulations ("Foreign Exchange and Foreign Trade Act" and its related laws) may be applied to this product and its accessories under certain conditions. In addition, U.S. Re-export Regulations (Export Administration Regulations and the related laws and regulations) may apply to this product and its accessories. To export and re-export this product and its accessories take the required measures on your responsibility and at your expenses. For details on the procedures, contact the Ministry of Economy, Trade and Industry, the U.S. Department of Commerce.

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■ Windows Notations

The names of operating systems (Japanese versions) used in this manual are as follows.

- Windows 10 stands for Microsoft® Windows® 10 (Home, Pro, Enterprise, Education).
- Windows 8.1 is the abbreviation for Microsoft® Windows® 8.1, Microsoft® Windows® 8.1 Pro and Microsoft® Windows® 8.1 Enterprise.
- Windows 8 is the abbreviation for Microsoft® Windows® 8, Microsoft® Windows® 8 Pro and Microsoft® Windows® 8 Enterprise.
- Windows 7 is the abbreviation for Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise, Ultimate).

■ More

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[Dear customers]

Thank you for buying the SHF34.

We would like to apologize for errors made in the SHF34 Basic Manual, which we correct as follows.

■ Revisions in the 1.1st edition

- "Frequency range of supported bands in EU" (P.111)

Error)

LTE Band 1	Tx 1922.5 to 1977.5 MHz Rx 2112.5 to 2167.5 MHz
------------	--

Corrected) Description deleted.

- "Maximum transmit power" (P.111)

Error)

LTE Band 1	+23 dBm(Power Class3)
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Corrected) Description deleted.

- "Intellectual Property Rights" - "Trademarks" (P.114)

Correcting of "Bluetooth" logo

■ Revisions in the 1.2nd edition

- "Entering a Phone Number and Making a Call" (P.66) notes section

Error)

© Call charges for calls made with "1401" added are subtracted from the registered balance on an au prepaid card that you have bought.

Corrected) Description deleted.

For inquiries, call:

Customer Service Center

For general information, charges,
and operation assistance (toll free)

Business hours: 9:00 to 20:00 (7 days a week)

From fixed-line phones: | From au cell phones:

 0077-7-111 | 157 area code not required

Pressing "zero" will connect you to an operator,
after calling "157" on your au cellphone.

In case above numbers are not available (for free),

 0120-977-033 (except Okinawa)

 0120-977-699 (Okinawa)

For service cancellation procedure
in case of loss or theft (toll free)

Business hours: 24 hours (7 days a week)

From fixed-line phones: | From au cell phones:

 0077-7-113 | 113 area code not required

In case above numbers are not available (for free),

 0120-925-314

Repair and Delivery Support Center

For loss, theft or damage (toll free)

Business hours: 9:00 to 20:00 (7 days a week)

From fixed-line phones/au cell phones:

 0120-925-919



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Cell phone and PHS operators collect and recycle
unused telephones, batteries and battery
chargers at stores bearing the  logo regardless
of brand and manufacturer to protect the
environment and reuse valuable resources.

January 2018, Edition 1.2

Sold by: KDDI CORPORATION,

OKINAWA CELLULAR TELEPHONE COMPANY

Manufactured by: SHARP CORPORATION

【Notification regarding LINE】

On and after March 31st, 2020, notifications for messages and free calls that arrived while LINE was not activated cannot be received. You can receive messages and view call history after activating LINE.

©Information in this notification is current as of March 1st, 2020. Subject to change without notice.