au

isai XX LGL24

Basic Manual

Preface

Thank you for buying the "LGL24" (simply called "product" from here on).

Before using the product, be sure to read the "Basic Manual" (this manual) or "Full Instruction Manual" (in Japanese only) to ensure correct use. After you have finished reading this manual, be sure to store it in a safe place so that you can retrieve it whenever needed. If you lose the "Basic Manual" (this manual), contact an au shop or Customer Service Center.

About Operating Instructions

■ "Basic Manual" (this manual)

Handles only basic operations for main features. For detailed descriptions of various functions, refer to the "Basic Manual" application that can be used on your product or "Full Instruction Manual" (in Japanese only) on au website:

http://www.au.kddi.com/support/mobile/guide/manual/

- All company names and product names in this manual are either trade marks or registered trade marks.

■ Basic Manual Application

You can use the "Basic Manual" application on product to check detailed operational procedures. Certain functions can be directly activated from the application screens on which their operations are described.

● Steps

1 Home screen ▶ "Apps" ▶ "Settings/Support" ▶ "Basic Manual"

- When using the application for the first time, you must download and install it following the onscreen instructions.

■ Downloading Basic Manual

You can download "Basic Manual" (this manual), "Setting Guide" and "Full Instruction Manual" (in Japanese only) from au website.

http://www.au.kddi.com/support/mobile/guide/manual/

Safety Precautions

Before you start using product, be sure to read the "Safety Precautions" to ensure correct use.
Before thinking of it as a malfunction, check for possible remedies in the following au Customer Support site of au website.
http://www.au.kddi.com/support/mobile/trouble/repair

When Using This Product

- Communication is not possible even inside the service area in places where the signal does not reach (e.g. tunnels and basements). Also, communication is sometimes not possible in poor reception areas. Communication is sometimes interrupted if you move into a poor reception areas during communications.
- Since product uses radio waves, the possibility of communication intercepts by third parties cannot be eliminated. (Though LTE/CDMA/GSM/UMTS system has highly secure confidential communication features.)
- product is compatible with the international roaming service. Each network service described in this manual varies depending on the area and service content.
- Since product is a radio station under the Radio Law, you may be asked to temporarily submit product for inspection in accordance with the Radio Law.
- When the IMEI information of the cell phone is automatically sent to KDDI CORPORATION for maintenance and monitoring operational status of your cell phone.
- Take care not to inconvenience people around you when you use the product in a public place.
- If you are using the product overseas, please check the relevant laws and regulations of the country/region that you visit.
- When the product is used by a child, guardians should thoroughly read the "Basic Manual" (this manual) and teach the child how to use it.

Use of the product is not allowed in the following places!

- Do not use a cell phone while driving a car or riding a motorbike or bicycle. Failure to do so might cause a traffic accident. Use of a cell phone 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.
- Do not use product while you are aboard an airplane. Use of electric devices transmitting radio waves in airplane is prohibited by law. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.

Cell phone etiquette!

- Do not talk on the phone loudly.
- Ask for permission of other people before taking pictures of them with this cell phone.
- product is the same as PC, depending on the application you install, the operation of product may get unstable, or your location information and other personal information registered in product may get revealed and abused via Internet. Make sure to confirm the source and the operation conditions of the application you use.

Take care of people around you!

- In crowded trains or other crowded places, there may be people with a cardiac pacemaker nearby. Turn off the cell phone.
- When a medical institution has laid down designated areas where use of the product is prohibited or is not allowed to be brought in, abide by the instructions of that medical institution.

List of Packaged Items

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

● Main unit (including back cover)

● 設定ガイド (Setting Guide) (in Japanese only)
● 取扱説明書 (Basic Manual) (in Japanese only)
● 保証書 (Warranty) (in Japanese only)

The following items are not included in the package.

● microUSB cable
● AC adapter
● microSD memory card
● Smart phone Cradle

* Stereo earphone with Microphone (sample) is not waterproof or dust preventive.
* When watching TV (1Seg), make sure to connect Stereo earphone with Microphone (sample) to product. Stereo earphone with Microphone (sample) functions as a TV antenna.

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- 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.
- This product is built-in battery.

Using au Disaster Countermeasure Application

au災害対策 (au Disaster Countermeasure) application enables you to use 災害用伝言板 (Disaster Message Board), 緊急速報メール (Emergency Rapid Mail contains Earthquake Early Warnings, Disaster and Evacuation Information and tsunami warnings), 災害用音声お届けサービス (Disaster Voice Messaging Service), and 災害情報／義援金サイト (Disaster Information/Disaster Relief Donation Site).

1 Home screen ▶ "Apps" ▶ "Settings/Support" ▶ "au災害対策 (au Disaster Countermeasure)"

au disaster countermeasure menu is displayed.

Using Disaster Message Board

災害用伝言板 (Disaster Message Board) is a service that enables you to register your safety information from disaster areas via LTE NET when large-scale disaster such as an earthquake with intensity of over 6 lower occurs. Registered safety information can be confirmed from au phones, other company's phones, and PCs.
For details, refer to "災害用伝言板サービス (Disaster Message Board service)" on au website.

1 "au災害対策 (au Disaster Countermeasure)" ▶ "災害用伝言板 (Disaster Message Board)"

Follow the onscreen instructions to register and confirm.

- An e-mail address (@ezweb.ne.jp) is required to register safety information. Set up e-mail address beforehand. For details on settings of an e-mail address, refer to "Setting Guide".
- While wireless LAN (Wi-Fi®) is connected, deleting or changing the settings of safety information e-mail is not available.
- The Company makes no guarantee about the quality of this service. Note that in using the service, the Company is not liable regardless of the cause, for problems related to registering safety information due to access concentration or facility failure, damage due to corruption or loss of safety information, or damage caused by registered safety information.

Using Emergency Rapid Mail

The Emergency Rapid Mail is a service that distributes Earthquake Early Warning and tsunami warnings provided by Japan Meteorological Agency, or Disaster and Evacuation Information provided by national/local governments to all au cell phones in specified areas simultaneously.
The "受信設定 (receiving setting)" for Emergency Rapid Mail (Earthquake Early Warning or Disaster and Evacuation Information) is set to "受信する (receive)" at the time of purchase. The "受信設定 (receiving setting)" for tsunami warnings can be set on the "災害・避難情報 (Disaster and Evacuation Information)".
When you receive Earthquake Early Warning, ensure your safety and take proper action according to the situation around you.
When you receive tsunami warnings, leave sea coast immediately and evacuate to safe places such as hills and substantial tall buildings.

1 "au災害対策 (au Disaster Countermeasure)" ▶ "緊急速報メール (Emergency Rapid Mail)"

Inbox is displayed.
Select a mail to view detailed information.

削除 (Delete)			Delete a received mail.
設定 (Setting)	受信設定 (Receive option setting)	緊急地震速報 (Earthquake Early Warning): Set if receive Earthquake Early Warning.	
		災害・避難情報 (Disaster and Evacuation Information): Set if receive Disaster and Evacuation Information and tsunami warnings.	
	通知設定 (Notification settings)	音量 (Volume): Set incoming mail volume.	
		バイブ (Vibrator): Set if enable vibrator when receiving a mail.	
		マナー時の鳴動 (Linkage to manner mode): Set if notify by manner mode (sets Sound profile to "Vibrate only" or "Silent") while manner mode is on.	
	受信音／バイブ確認 (Confirm ringtone / vibrator)	緊急地震速報 (Earthquake Early Warning): Confirm ringtone/vibrator for Earthquake Early Warning.	
		災害・避難情報 (Disaster and Evacuation Information): Confirm ringtone/vibrator for Disaster and Evacuation Information and tsunami warnings.	

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- Reception of Emergency Rapid Mail is notified by a special warning tone. The warning tone cannot be changed.
- Earthquake Early Warning is sent to areas where strong quakes (over 4 degrees) are expected when earthquakes whose maximum intensity is predicted of 5 lower or more degrees.
- Immediately after an earthquake occurs, quakes (P waves and initial tremors) near the epicenter are detected and position, scale, and expected strength are automatically calculated and notification is sent as soon as possible within a few seconds to tens of seconds before the strong quakes (S waves and major tremors) caused by the earthquake start.
- Earthquake Early Warning may not arrive before strong tremors in areas near the epicenter.
- Tsunami warning notifies major tsunami warnings and tsunami warning provided by Japan Meteorological Agency to area including the target sea coasts.
- Disaster and Evacuation Information is a service that distributes bulletins concerning residents safety including evacuation advisories, evacuation orders and other warnings issued by the national and local governments.
- This service is available only in Japan (it cannot be used overseas).
- No information fee or communication charge is required for receiving Emergency Rapid Mail.
- KDDI is not liable for damages suffered by customers resulting from the service's information, lack or delay in the information caused by transmission or system breakdowns, or other events that does not belong to the responsibility of KDDI.

- Refer to the Japan Meteorological Agency web page for details about distribution of Earthquake Early Warning. http://www.jma.go.jp/
- You cannot receive any Emergency Rapid Mail if the product is turned off or during a call.
- Data communication, such as receiving or sending an SMS/e-mail and using browser, you might not be able to receive Emergency Rapid Mail.
- You might not receive any Emergency Rapid Mail in places where the signal does not reach (e.g. tunnels and basements) or where the signal reception is poor even inside the service area.
- Once the Emergency Rapid Mail fails in receiving, the same mail cannot be received again later on.
- Since Emergency Rapid Mail uses a different delivery system, the reception time of Emergency Rapid Mail may not coincide with the same emergency warnings broadcasted through TV, radio or other medium.
- Information from someplace other than your current location may be received.

Using "災害用音声お届けサービス (Disaster Voice Messaging Service)"

"災害用音声お届けサービス (Disaster Voice Messaging Service)" is the service that enables you to record your voice via your smartphone and to deliver the message to persons to whom you want to send when a large-scale disaster.

1 "au災害対策 (au Disaster Countermeasure)" ▶ "災害用音声お届けサービス (Disaster Voice Messaging Service)"

■ Sending voices (Send)

Tap "声をお届け (Sending voices)", and operate "①お届け先を選択* (select a sending destination)" → "②お届けしたい声を録音 (record voices to send)" in this order.
* Sending destination can be selected from Contacts.

■ Receiving voices (Receive)

Delivery of voice messages are notified by the pop-up window or SMS. Receive (download) and play back the voice message.
- If the receivers are using a smartphone or an au cell phone on which an au Disaster Countermeasure application supporting Disaster Voice Messaging Service is not active, they are notified with an SMS.
- If you are notified with SMS, the information is not saved in the au 災害対策 (au Disaster Countermeasure) application.

- To use the service on Wi-Fi®, initial setting is required on the LTE/3G network.
- Voice messages can be recorded for up to 30 seconds.
- Voice messages can be exchanged among au cell phones as well as with NTT DOCOMO and Softbank cell phones.
- Voice may not be heard when the media sound volume is set to low or when the manner mode (Sound profile set to "Vibrate only" or "Silent") is set.
- When a main unit (memory) has no free space, voice messages may not be saved or played back.
- Some cell phones cannot receive voice messages. For details, refer to the au website.

Using the 災害情報／義援金サイト (Disaster Information/Disaster Relief Donation Site)

Take the following steps to view the history of disaster information/evacuation information dispatched by municipalities, the disaster information portal site, disaster relief donation site, etc.

1 "au 災害対策 (au Disaster Countermeasure)" ▶ "災害情報／義援金サイト (Disaster Information/ Disaster Relief Donation Site)"

2 Follow the onscreen instructions

Contents

Regarding Notations Used in This Manual

■ Key indications used in this manual
In this manual, keys are represented by simplified illustrations as shown below.

■ Indications used for the operation of selecting items/ icons/keys, etc.
Notations used for operation procedures in this manual are as follows.
Tap means to lightly touch and release the button or icon shown on the display to select it.

Notation	Description
Home screen ▶ "Phone" ▶ "1" "4" "1" ▶ " "	Tap " (Phone)" on the bottom of Home screen. Tap " 1 " " 4 " " 1 " and " ".
Home screen ▶ "≡" ▶ "System settings"	Tap "≡" on the Home screen. Tap "System settings".

✎ memo

- Descriptions in this manual are based on the operations of portrait screen. Items, icons, or the keys on the screen may look different with horizontal screen.
- Items, title levels, and icons in this manual may look different based on different functions you use or different conditions, etc.
- In this manual, "microSD™ memory card", "microSDHC™ memory card" or "microSDXC™ memory card" is called "microSD memory card" or "microSD" for short.

■ Illustrations and screen displays used in this manual
Illustrations and screens shown in this manual may look different from the actual product or screen.
In some cases, minor details or a part of a screen may be omitted.

Exemptions

- 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 described content, loss of business income, disruption of business, etc.) arising from use of or inability to use product.
- The Company is not liable for any damages arising from improper usage not written in "Basic Manual" (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 product. The Company is not liable for any damages or lost income resulting from recovery of these data.
- It is recommended you keep a copy of important data in your PC's hard disk, etc. Whatever the cause of fault or malfunction may be, the Company assumes no responsibility for alteration or loss of saved information.
- * "The Company" as appears in this manual refers to the following companies:

  Sold by: KDDI CORPORATION,
  　　　　 OKINAWA CELLULAR TELEPHONE COMPANY

  Imported by: LG Electronics Japan Inc.

  Manufactured by: LG Electronics Inc.

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- 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.
- Wrong page order or missing pages will be replaced.

Safety Precautions (Observe Strictly)

■ **Before using the product, thoroughly read these safety precautions for proper use. After reading, store the precautions in a safe place.**

● These "Safety Precautions" describe instructions that should be observed to prevent damage to property or injury to the customer or others using product.

● These instructions are divided into the following categories.

■ Explanation of indications used in this manual

⚠ DANGER	This symbol indicates the potential and imminent danger of death or serious injury[1] to a person.
⚠ WARNING	This symbol indicates the possibility of death or serious injury[1] to a person.
⚠ CAUTION	This symbol indicates the possibility of personal injury[2] to a person or physical damage[3].

*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 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

🚫 Don't	Indicates an action that is not allowed.
🚫 No wet hands	Indicates that handling with wet hands is not allowed.
🚫 Not disassembly	Indicates that disassembly is not allowed.
🚫 Not liquids	Indicates that use in a place where the product is likely to get wet or allowing the product to get wet is not allowed.
❗ Do	Indicates an action that must be done.
🔌 Unplug	Indicates that the power plug must be disconnected from the power outlet.

■ Precautions common to the main unit, built-in battery, charging equipment, au Nano IC Card (LTE), peripheral devices

⚠ DANGER Be sure to read the following hazards before use.

Do Be sure to use only the specified peripheral devices. Use of other peripheral devices might cause overheating, fire, rupture, fault, or leakage of liquid.

Don't Do not use, store, or leave the product in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun). Doing so might cause ignition, rupture, fault, fire, or injury.

Do Before entering an area where flammable gas is generated such as a gas station, be sure to turn off this product. Also, do not charge the product. Failure to observe these precautions might cause the gas to catch fire. In addition, when using Osaifu-Keitai® at a gas station, be sure to turn off the power in advance. (If Osaifu-Keitai® has been locked, cancel the lock before turning off the power.)

Don't Do not put the product in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause ignition, rupture, fault, fire, or injury.

Don't Do not throw the product into a fire or heat it. Doing so might cause fire, rupture, or fire.

Don't Do not short-circuit the connection terminals. Do not allow conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside the connection terminals. Doing so might cause fire, or a fault.

Don't When using metal accessories, etc., make sure not to allow the metal part come in contact with the connection terminals or power outlet. Doing so might cause electric shock, fire, injury, or a fault.

Don't Do not expose the camera lens to direct sunlight for an extended period. Doing so might cause ignition, rupture, or fire by the light-collecting mechanism of the lens.

Not disassembly The customer is not allowed to disassemble, modify, or repair the product. Doing so might cause a fault, fire, electric shock, or injury. The Company is not liable even in the event of any non-conformities arising on product or peripheral devices as a result of modification, etc. Modification of product is in violation of the Wireless Telegraphy Act.

⚠ WARNING **Be sure to read the following warnings before use.**

🚫 Don't
Do not drop or subject to strong impact, such as throwing. Doing so might cause rupture, overheating, fire, or a fault.

🚫 Don't
Do not use this product outside when you can hear thunder. Doing so might risk lightning strikes and electric shock.

🚫 Don't
Do not let your hands, fingers, and other parts of the body touch the connection terminals. Doing so might cause electric shock, injury, or a fault.

🚫 Don't
If product is damaged because it is dropped or something, and its display is cracked or internal parts are exposed, do not touch the cracked display or the exposed parts with your hands. Doing so might cause electric shock or injury from damaged parts. Contact an au shop or Secure cell phone support center.

🚫 Not liquids
Charging the battery when the main unit is wet might lead to electric shock, short circuit or corrosion, causing fire or a fault due to overheating.

🚫 Not liquids
🚫 No wet hands
Do not splash with water or other liquids. Also, never use in places subject to direct splashing with water or pet urine, etc. or in humid places such as bath areas, or use with wet hands. Doing so might cause electric shock, fault from short-circuiting, or corrosion of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the AC adapter's power plug. Faults caused by wetting with water or humidity are not covered by the warranty and charges will be incurred for repair.

🚫 Not liquids
🚫 No wet hands
Although this product model has waterproof property, stop using it if liquid such as water gets inside the main unit from the back cover. Continued use of the product in this state might cause overheating, fire, or a fault.

🚫 Don't
When removing the back cover, do not exert more than necessary force. Doing so might cause injury or a fault.

🚫 Don't
Do not operate the product while driving a car or motorbike, riding a bicycle, or walking. Doing so may compromise traffic safety and cause an accident.

🚫 Don't
If charging is not completed after the specified charging time, stop charging. Failure to do so might cause leakage of liquid, overheating, rupture, or fire.

Ⓝ Don't Do not leave in places within the reach of small children. Small children might swallow small parts, etc. by mistake and choke on them, or might drop them by mistake and cause accidents or injury.

⚠ CAUTION **Be sure to read the following cautions before use.**

Ⓝ Don't Do not store the product in places subject to direct sunlight (e.g. in cars), places that get hot, places that get extremely cold, and in humid or dusty places. Doing so might cause overheating, fire, deformation, or a fault.

Ⓝ Don't Do not leave on unstable places such as rocky stands or tilting surfaces. Dropping the product may cause injury or damage. Pay sufficient attention while vibrator is set to ON. Also, pay sufficient attention to impact, etc.

Ⓝ Don't Do not cover or wrap this product with bedding, etc. while using or charging the product. Doing so might cause fire, fault, or injury.

Ⓝ Don't Do not touch the main unit of the product and the specified AC adapter (sold separately) for a long time while power is being supplied from an external source. Doing so might cause low-temperature burns.

Ⓝ Don't Be careful when using this product in a high temperature place for a long time. It might become hot. Use of it with your skin touching the product for a long time might cause low-temperature burns.

Ⓝ Don't Do not use power outlets or wiring apparatus beyond its rating. Also, exceeding rating, for example, by connecting multiple devices to a single power strip might cause overheating and fire.

Ⓝ Don't Do not use the product with the back cover removed.

Ⓝ Don't Do not place near corrosive chemicals or in places where corrosive gas is generated. Doing so might cause a fault or loss of internal data.

Ⓝ Don't Do not leave or store with the back cover removed from the main unit. Doing so might allow dust or other foreign objects to get inside and cause a fault.

Do not use the product if there is smoke, abnormal odor or noise, excessive overheating, or other abnormalities. If an abnormality occurs, disconnect the specified charging equipment (sold separately) from the power outlet, make sure that the product is not overheating before turning the power off, and contact an au shop or Secure cell phone support center. Also, if you have dropped or damaged the product, do not continue to use it in that state, and contact an au shop or Secure cell phone support center.

Do

When inserting a Stereo earphone with Microphone (sample), etc. into product, adjust the volume to the proper level. Setting too loud a volume or using the earphone continuously for a long period of time might adversely affect your ears.
Also, raising the volume too high might prevent you from hearing sounds around you, which might in turn lead to a traffic accident at a railroad crossing or pedestrian crossing.

Do

When adjusting the volume with a Stereo earphone with Microphone (sample), etc. inserted into product, raise the volume a little at a time. If you raise the volume too much from the outset, sudden loud noise from the earphone, etc. might adversely affect your ears.

Do

When using an charging equipment or external device, insert/remove the connector straight to/from the terminal. Make sure the orientation of the connector is correct. Failure to do so might cause damage or a fault.

Do

■ Main unit

⚠ WARNING Be sure to read the following warnings before use.

Do not use a cell phone while driving a car or riding a motorbike or bicycle. Failure to do so might cause a traffic accident. Use of a cell phone 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.

Don't

Do not use product while you are aboard an airplane. Use of electric devices transmitting radio waves in airplane is prohibited by law. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.

Don't

This product sometimes affects high-precision electronic devices. So, turn it off near such devices. (Examples of electronic devices that might be affected by the product include cardiac pacemakers, hearing aids, other electronic medical devices, fire alarms, and automatic doors. If you are using an electronic medical device, contact the device manufacturer or retailer for information about the possible affect of radio waves.)

Do

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Do — When using product near an implanted pacemaker, implanted cardioverter-defibrillator, or other electronic medical device, radio waves might affect these units and devices. So, please observe the following.

1. Those with an implanted pacemaker or implanted cardioverter-defibrillator should carry or use product at least 15 cm away from the pacemaker or cardioverter-defibrillator applied part.
2. Set the product to airplane mode or turn off the power in advance in places where you cannot move freely or where you cannot secure a distance of more than 15 cm with one another, since there may be people with a implanted cardiac pacemaker or implanted cardioverter-defibrillator nearby.
3. Pay attention to the following points when using the product inside medical institutions.
   - Do not bring product into operating theaters, intensive-care units (ICU) and coronary care units (CCU).
   - Turn product off in hospital wards.
   - Even if you are in a lobby, etc., be sure to turn product off when there are electronic medical devices nearby.
   - When a medical institution has laid down designated areas where use of the product is prohibited or is not allowed to be brought in, abide by the instructions of that medical institution.
4. When using electronic medical devices other than an implanted pacemaker and implanted cardioverter-defibrillator outside a medical institution (e.g. home medical treatment), check individually with the manufacturer of the electronic medical device regarding the influence of radio waves.

Do — Stay alert to your surroundings when calling, messaging, browsing the Internet, shooting photos, playing games, watching TV (1Seg), or listening to music. Failure to do so might cause a fall or traffic accident.

Don't — Do not send data by infrared communication with the infrared port pointing toward eyes. Doing so might affect eyes. Also, sending data with the infrared port pointing toward some other infrared device might cause false operation, etc.

Don't — Do not use the photo light in front of a person's eye. Do not gaze at the light emitting part when the photo light is on. Doing so may cause impairment of eyesight, etc. Be especially careful not to take pictures of small children from a very close distance.

Don't — Do not light the photo light toward a driver of a car, motorbike, or bicycle. If dazzled by the light, the driver might become unable to drive and cause an accident.

Do — Sometimes, very rarely some people demonstrate symptoms such as temporary muscle spasms, loss of consciousness, etc. by watching repeatedly flickering screens. Those with a past history of this should consult with a physician beforehand.

⚠CAUTION **Be sure to read the following cautions before use.**

🚫 Don't
Use of the main unit in a car might sometimes affects on-vehicle electronic devices, though this rarely happens. If this happens, stop use since this may impair safe travel.

❗ Do
If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition.

■ **The materials of parts used on product are as follows.**

Part		Material	Surface treatment
Outer case (display frame part)		PC resin	UV coating
Outer case (side)		Aluminum alloy	Anode treatment
External case (outsider of the external connection terminal)		PBT resin	-
Back cover		PC+ABS+GF resin	IML
Power key		Aluminum alloy	Anode treatment
Volume key		Aluminum alloy	Anode treatment
Display		Hardened glass	Easy cleaning coating
Earpiece		PET	Vapor deposition
Out camera		Sapphire crystal	-
Camera lens decoration	Silver	Stainless steel	Cr plating
	Black		PVD coating
Flash and infrared port	Silver	PC resin	Vapor deposition
	Black		Print

🚫 Don't
Do not bring the product close to magnetized objects such as cash cards, floppy disks, credit cards, and prepaid cards. Doing so might result in loss of recorded information.

🚫 Don't
Do not allow liquids, metal objects, burnable items, and other foreign matter to get inside the microSD memory card slot. Failure to do so might cause fire, electric shock, or a fault.

🚫 Don't
Do not swing product around by holding the Stereo earphone with Microphone (sample) etc. Doing so might cause an accident or damage.

❗ Do
Do not use it with microSD memory card slot cover closed. Doing so might result in malfunction due to dust and water getting in.

❗ Do
Be careful when setting vibrator (vibration) or ringtone if you heart is weak. Doing so might result in bad effect to heart.

❗ Do
Pay attention to items stuck to the main unit. The speaker uses magnets, and so thumbtacks and pins, craft knife blades, staples, and other metal objects sometimes become stuck to the main unit, and cause unexpected injury. Before using the product, be sure to check that there are no foreign objects on the speaker or other parts.

Do not place the product directly on sand at a beach, etc. Sand or other small particles might get inside the earpiece, microphone, or speaker, causing the volume to drop. If sand gets inside product main unit, it might cause overheating or a fault.

Don't

When using the product for calling or data communication, be careful not to keep the product in direct contact with your skin for a prolonged period, or not to cover the product with paper, cloth, bedding, etc. The main unit might get hot, causing fire, burns, or a fault.

Don't

■ Built-in battery

Li-ion00

(The built-in battery of product is a lithium polymer battery.)
When you purchase your cell phone, it is not fully charged.
Charge the battery before using the product.

⚠ DANGER **Be sure to read the following hazards before use.**

Do

If the leaked liquid gets on your skin or clothes, immediately rinse it off with water to avoid injury. If the liquid gets into your eyes, do not rub but wash your eyes with water, and immediately consult a doctor to avoid the risk of losing your eyesight. If the liquid gets on a device, wipe it off without touching it.

Do

The built-in battery is a consumable item. If the performance of a battery does not recover (e.g. the usable time after each charge has become extremely short), the battery is at the end of service life, so stop its use. Failure to do so might cause overheating, fire, rupture, or leakage. Because the battery is a built-in type, an au shop will accept holding over and repair for a charge. Note that the product may not be available for use for a certain period. Note that the length of service life varies depending on the usage condition, etc.

■ Charging equipment

⚠ WARNING **Be sure to read the following warnings before use.**

Do
Do not use at other voltages than the specified power supply voltage. Doing so might cause fire, overheating or electric shock. Use only a domestic 100 V AC power supply for use in Japan.

Don't
Do not use at other voltages than the specified power supply voltage. Doing so might cause fire, overheating or electric shock.
- AC adapter (sold separately): 100 VAC to 240 VAC
- DC adapter (sold separately): 12/24 VDC (for negative grounded vehicles only)

Do
Firmly insert the plug of the specified charging equipment (sold separately) into the power outlet or cigarette lighter socket down to the base of its pins. Incomplete insertion of the power plug might result in electric shock or fire caused by overheating and fire. Do not use the damaged specified charger, power outlet or cigarette lighter socket with loose insertion connector.

Do
If the fuse in the common DC adapter 03 (sold separately) blows, replace it with a fuse of the specified type (250 V, 1A). Replacing with a different type of fuse might cause overheating or fire. (For information about fuse replacement, carefully read the manual for the common DC adapter 03 (sold separately).)

Don't
Do not damage, modify, twist, pull, or place a heavy object on the power cord of the specified charging equipment (sold separately). Do not use a damaged cord. Doing so might cause an electric shock, short circuit, or fire.

Don't
Do not let your hands, fingers, and other parts of the body touch the connection terminals. Doing so might cause electric shock, injury, or a fault.

Don't
If you hear thunder, do not touch the power plug. Doing so might cause an electric shock as a result of a lightning strike.

Unplug
Before cleaning the specified charging equipment (sold separately), unplug its power plug from the outlet or cigarette lighter socket. If the plug remains plugged in when you clean the equipment, it might cause an electric shock or short circuit.

Do
Wipe off dust on the power plug. Failure to do so might cause fire, burns, or electric shock.

Do — Install and position in-car devices where they do not hinder driving or safety equipment such as airbags. Failure to do so might cause a traffic accident. Install in-car devices following the instructions of their manuals.

Unplug — When the AC adapter is not to be used for a long time, disconnect the AC adapter's power plug from the power outlet. Failure to do so might cause electric shock, fire, or a fault.

Not liquids — Do not use in places subject to direct splashing with water, pet urine, or other liquids. Doing so might result in faults resulting from overheating, fire, electric shock, or short-circuiting of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the AC adapter's power plug.

⚠ CAUTION — Be sure to read the following cautions before use.

Not liquids / No wet hands — Do not use in humid places such as bath areas, or connect/disconnect the AC adapter with wet hands. Doing so might cause electric shock or a fault.

Do — Charge the battery in a stable place. If placed on an inclined surface or wobbly stand, the product might fall causing injury or damage. Pay sufficient attention while the vibrator is set to ON. In addition, do not cover or wrap the product with a cloth or bedding. Doing so might cause fire or a fault.

Do — When unplugging the plug of the specified charging equipment (sold separately) from the power outlet, hold and pull the power plug. Pulling on the cable might damage it.

Don't — Do not use the common DC adapter 03 (sold separately) with the car engine stopped. Doing so might result in draining of the car battery.

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■ au Nano IC Card (LTE)

⚠ WARNING **Be sure to read the following warnings before use.**

🚫 Don't
Do not put the au Nano IC Card (LTE) in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause melting, overheating, fuming, loss of data, or a fault.

⚠ CAUTION **Be sure to read the following cautions before use.**

❗ Do
Be careful when attaching or removing au Nano IC Card(LTE). Doing so might injure your hands or fingers.

❗ Do
Use only the devices specified by the Company to insert the au Nano IC Card (LTE) in. Using a device not specified by the Company might cause loss of data or a fault. For the specified devices, contact an au shop or Customer Service Center.

🚫 Not disassembly
Do not disassemble or modify the au Nano IC Card (LTE). Doing so might cause loss of data or a fault.

🚫 Don't
Do not use or leave the au Nano IC Card (LTE) in hot places such as by the fire or a heater. Doing so might cause melting, overheating, fuming, loss of data, or a fault.

🚫 Don't
Do not throw the au Nano IC Card (LTE) into a fire or heat it. Doing so might cause melting, overheating, fuming, loss of data, or a fault.

🚫 Don't
Do not touch the IC (metal) part of the au Nano IC Card (LTE) or short-circuit it. Doing so might cause loss of data or a fault.

🚫 Don't
Do not drop the au Nano IC Card (LTE) or subject it to strong impact. Doing so may cause a fault.

🚫 Don't
Do not fold, bend or place a heavy object on the au Nano IC Card (LTE). Doing so may cause a fault.

🚫 Not liquids
Do not wet the au Nano IC Card (LTE). Doing so may cause a fault.

🚫 Don't
Do not scratch the IC (metal) part of the au Nano IC Card (LTE). Doing so may cause a fault.

🚫 Don't
Do not store the au Nano IC Card (LTE) in dusty places. Doing so may cause a fault.

🚫 Don't
Do not store the au Nano IC Card (LTE) in places exposed to direct sunlight or hot and humid places. Doing so may cause a fault.

❗ Do
Store the au Nano IC Card (LTE) out of reach of small children. Accidental swallow might cause suffocation, injury, etc.

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■ Stereo earphone with Microphone (sample)

⚠ WARNING Be sure to read the following warnings before use.

Ⓝ Not liquids — Stereo earphone with Microphone (sample) is not waterproof. Do not splash with water or other liquids. Also, never use in places subject to direct splashing with water or pet urine, etc. or in humid places such as bath areas, or use with wet hands. Doing so might cause electric shock, fault from overheating, fire, electric shock or corrosion of electronic circuits.

Ⓝ Don't — While you are driving or riding a bicycle, do not play game or listen to music. Doing so may compromise traffic safety and cause an accident.

⚠ CAUTION Be sure to read the following cautions before use.

❗ Do — When playing game or music, adjust volume. Setting too loud a volume or using the earphone continuously for a long period of time might adversely affect your hearing. Even the proper volume affects your hearing if you listen for a long period of time. Also, raising the volume too high might prevent you from hearing sounds around you, which might in turn lead to a traffic accident at a railroad crossing or pedestrian crossing.

Ⓝ Don't — Do not wrap- the cable on this product. Voice may get interrupted if sensitivity decreased and cause noise occurs Do not pull the cable. Also do not hold the cable to life this product. Doing so might cause the damage of the cable, connection plug and earphone jack.

❗ Do — Do not make the connection plug dirty. Doing so may cause a fault.

❗ Do — Insert or remove the connection plug into/from the earphone jack straightly.

❗ Do — When you adjust the volume, adjust it little by little. If you raise the volume too much from the outset, sudden loud noise from the earphone, etc. might adversely affect your ears.

❗ Do — If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition.

■ The materials of each part of the Stereo earphone with Microphone (sample) is shown below.

Part	Material	Surface treatment
Ear pad	Silicon	-
Earphone exterior	PC resin	UV coating
Logo part	Aluminum	Anode treatment
Microphone button	PC resin	-
Microphone button case	PC resin	-
Plug exterior	Rubber	-
Cable	Rubber	-
Plug	Ni (YR3541-2034)	Nickel plating

Handling Precautions

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

■ **Precautions common to the main unit, built-in battery, charging equipment, au Nano IC Card (LTE), 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 malfunction.
Keeping an external device connected to the external connector or earphone jack 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 waterproof property (equivalent to IPX5 and IPX7) of this product, use the product with the cover tightly closed. Note that the waterproof property is not guaranteed in every usage condition. Do not allow water to get inside the product or splash water on charging equipment, or optional accessories. Do not attach/remove the back cover in the rain or with water drops on the surface of the product. Doing so might cause water intrusion resulting in internal corrosion.
Malfunctions determined to be caused by 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℃ to 35℃ and humidity range of 35% to 85%.)

● Do not use in places subject to lots of dust or vibration.

● Clean the connection terminals with dry cotton swabs, etc. every now and then. Soiled terminals might cause poor connection. Do not exert a strong force to clean the connection terminals to prevent deformation.

● 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 casing or cause discoloration.

● Use as far away as possible from land-line phones, TVs, and radios. Use nearby might affect them.

● The product may become warm while charging etc., depending on the situations, but this is not abnormal.

● When the product is used by a child, guardians should thoroughly read the "Basic Manual" (this manual) and teach the child how to use it.

■ Main unit

● Do not forcefully press, tap, or intentionally subject the display to strong impact. Doing so might cause scratching or damage.

● Do not forcefully press your fingernails, sharp objects, or hard objects against button or display surface. Doing so might cause scratching or damage.
The touch panel is designed to be lightly touched by fingers.
Do not apply strong pressure with your fingers or sharp-pointed objects (such as fingernails, ballpoint pens, and pins) on the touch panel.
In the following cases, the touch panel may not work even if you touch it. It may cause malfunction.
・ Operation with gloved hands
・ Operation with fingernails
・ Operation with a foreign object placed on the touch panel
・ Operation with a protective sheet or sticker on the touch panel
・ Operation with water drops left or frozen on the surface
・ Operation with wet or sweaty fingers
・ Operation under water

● Do not remove the stickers printed with the IMEI that can be seen when the back pack is removed. These stickers prove that product and the communication module you are using comply with the Wireless Telegraphy Act and Telecommunications Operations Act.

● Never use modified au cell phones. Use of a modified device violates the Radio Law. The product has acquired the certification of conformity with technical regulations for the specified radio station based on the Radio Law, and the "Technical Conformity Mark ⊕" is printed on the nameplate of the product as a certificate. Confirm nameplate following the operations below. Home screen ▶ "☰" ▶ "System settings" ▶ "General" ▶ "About phone" ▶ "Regulatory and Safety"
If the screws of product are removed and modifications are made to the internal components, the certification of conformity with technical regulations will become invalid. Never use the product without the valid certification. Doing so violates the Radio Law.

● To prevent unlawful modification, the product has been designed so that it cannot be easily disassembled. Modifying the product is prohibited by the Radio Law.

● Contents saved in product, such as contacts, mails, or 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 contents (both charged or free content) saved on product cannot be returned to the customer when it is replaced for repair of a fault, for example.

● product uses liquid crystal for its display. The display response speed may become slow when the ambient temperature is low, which is due to the property of liquid crystal and not a malfunction. The display response speed will return to normal at room temperature.

● Although the display used on product is made using high-precision technology, some pixels (dots) might be lit or out at all times. Note that this is not a malfunction.

● Take care not to inconvenience people around you when you use the product in a public place.

● You are recommended to store copies of individual data such as photos you took, videos 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.

● 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.

● 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 might cause scratching or damage. Also, be careful not to scratch or damage the display by using an object such as a strap whose metal or other hard part comes in contact with the display.

● When suddenly brought into a warm place from a cold place, or when in a humid location, or when used where temperature suddenly changes such as near the air discharge port of an air conditioner, water droplets (i.e. condensation) sometimes form inside product. Note that when used under conditions such as this, humidity might cause corrosion or a fault.

● When wiping the display, wipe with a soft, dry cloth. Use of a moistened cloth, glass cleaner or other similar liquid might cause a fault.

● When connecting the external device to the connection terminal, make sure that connector of the external device is straight with the connection terminal.

● Note that applying unnecessary force with the external device connected to the external connection terminal might cause damage.

● Do not discard this product together with regular trash. Please cooperate in the collection of product when it is no longer needed to protect the environment and effectively use resources. Old product are collected at au shops and other places.

● Do not insert a card other than microSD memory card into the microSD memory card slot on this product.

● Do not exert excessive force when attaching/removing a microSD memory card. Doing so might injure your hands or fingers.

● While writing/reading data to/from a microSD memory card, do not subject the product to vibration or impact or turn off the power. Doing so might cause loss of data or a fault.

● When hearing the other party's voice, make sure that the earpiece is placed at the center of your ear. If the earpiece (audio output port) is closed by the ear lobe, it may be hard to hear the voice.

● Even if you cover the microphone to make your voice inaudible to the other party, the other party can hear your voice.

● Sound from speaker may be very loud when you use hands-free calling. Keep it away from your ear when using it.

● Do not peel off the black sheet on the back cover (the back part you can see when removing the back cover). Doing so might make it impossible for FeliCa data recognition.

● Do not cover the light sensor with your finger or put a sticker on it. Doing so may hinder the light sensor from detecting the ambient brightness and functioning correctly.

● When you put a sticker, etc. on the proximity sensor, the sensor will malfunction and indications on the display will turn off at all times while receiving or making a call. In this case, note that you may not be able to operate the product.

■ Touch Panel

● Use your finger to operate the touch panel. Do not use ballpoint pens, pencils, or other sharp-pointed objects. Using such objects does not only hinder correct operation of the touch panel, but also might cause scratching or damage to the display.

● Do not put stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on the display. Doing so might cause improper reaction of touch panel.

● Do not operate the touch panel with fingernails. Doing so might result in split nails or jammed fingers.

● If the display surface is dirty or wet with sweat or water, it may not function correctly. In such case, wipe the display surface with a dry, soft cloth.

● When carrying the product in your pocket or bag, take care not to put the touch panel close to metals or other conductive materials, as it might cause false operation of the touch panel.

■ Built-in battery

● Use in very hot or cold environments, for example, when left in a car with the windows closed in summer, will cause the built-in battery capacity to drop and shorten the available battery usage time. This will also shorten the built-in battery service life. Try to use the built-in as far as possible at room temperature.

● Charge the battery before using the product for the first time after purchase, or if you have not used the product for a long time.

● The built-in battery is a consumable item. If the performance does not recover after charge, the built-in is at the end of its service life, so stop using it. Because the battery is a built-in type, an au shop will accept holding over and repair for a charge. Note that the product may not be available for use for a certain period. Note that the length of service life varies depending on the usage condition, etc.

● built-in battery sometimes swell up as they approach the end of their service life. This is due to the properties of lithium polymer batteries, and is not a problem in terms of safety.

■ Charging equipment

● When not using the specified charging equipment (sold separately), remove the AC adapter's power plug from the power outlet or cigarette lighter socket.

● Do not wrap the cord of the specified charging equipment (sold separately) around the adapter itself. Doing so might cause electric shock, overheating, or fire.

● Do not forcibly bend the charging equipment's plug or the connection between the connector and power cord. Doing so might cause electric shock, overheating, or fire.

■ au Nano IC Card (LTE)

● The au Nano IC Card (LTE) 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.

● Do not forcibly remove or insert the au Nano IC Card (LTE). 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 Nano IC Card (LTE) into some other IC card reader/writer, etc.

● Keep the IC (metal) part of your au Nano IC Card (LTE) clean. Wipe the card with a dry, soft cloth (such as for cleaning eyeglasses) for cleaning.

● Do not put stickers, etc. on the au Nano IC Card (LTE).

■ Camera

● When using the camera, follow common rules of etiquette regarding camera use.

● Image data might be altered or lost due to malfunction, repair or mishandling of product. The Company takes no responsibility for recovery of altered or lost data, damages resulting from altered or lost data, and lost profits.

● When photographing important occasions (such as a wedding), take a trial shot and check the shot image make sure it is correctly shot.

● Do not use the camera for recording commercially available books or information of which photographing is not allowed.

● Do not leave the camera lens exposed to direct sunlight. Imaging elements might be discolored or burnt.

■ Music, videos and TV (1Seg)

● Do not listen to music or 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 may not be heard clearly, and gazing at the screen might distract your attention causing a traffic accident. Be especially careful at railroad crossings, station platform, and pedestrian crossings.

● Take care not to listen at ear-splitting volume for a long time, as it might affect hearing.

● Be careful of sound leakage from earphones in trains or other places with many people around you.

■ Copyrights and rights of portrait

● You are not allowed to copy, distribute, publish, modify or edit the data you shot, recorded or downloaded using product 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 might infringe on rights of portrait.
Note that shooting and recording may 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 website.

■ Backup 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, repair, mishandling, etc.

  * How to make backups: Store important data such as phonebook data, music, shot photos and videos on microSD memory cards. You can also send files as mail attachment or transfer to your PC. Note, however, that there are some data that cannot be copied by using these means.

Available Security Codes

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.

● Security code

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

● PIN code

Example of usage	To prevent unauthorized use of the au Nano IC Card (LTE) by third parties
Initial value	1234

● Lock No. (NFC/Osaifu-Keitai lock)

Example of usage	To use the "NFC/Osaifu-Keitai lock"
Initial value	1234

Privacy Protected Function

The function shown below is installed in product to protect the privacy of the saved data.

Function	Description
Screen lock	Set Swipe, Face Unlock, Pattern, PIN, or Password to secure data when turning on the phone or when unlocking the screen.

PIN Code

■ PIN code

To prevent unauthorized use of the au Nano IC Card (LTE) 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 you enter incorrect PIN code three times in a row, the code will be locked. In that case, unlock with PUK code.

- The initial setting of the product does not require PIN. Set PIN in "Lock SIM card" (▶P.29) if necessary. Also, PIN is required when setting "Lock SIM card".

- The preinstalled PIN is set to "1234". You can change it to your favorite one of a four- to eight-digit number in "Change SIM PIN" if necessary.

■ PUK code

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

- PUK code is an eight-digit number given at the time of purchase, which is printed on the back side of the plastic card on which your au Nano IC Card (LTE) is attached.

- After entering PUK code, you need to set a new PIN code in "Change SIM PIN" (▶P.29).

- If PUK code is incorrectly entered ten times consecutively, contact an au shop, PiPit or Customer Service Center.

✐ memo

- If PIN is locked, product may restart to protect its security.
- "PIN code" is not reset by initializing the product.

■ Lock SIM card

1. Home screen ▶ "☰" ▶ "System settings" ▶ "General"

2. "Security" ▶ "Set up SIM card lock"

3. "Lock SIM card"

4. Enter a PIN code ▶ "OK"

■ Change SIM PIN

1. Home screen ▶ "☰" ▶ "System settings" ▶ "General"

2. "Security" ▶ "Set up SIM card lock"

3. "Change SIM PIN"

Notes on Waterproof Properties

This product has a waterproof property equivalent to IPX5[*1] and IPX7[*2] on the condition that battery cover is securely attached (based on in-house testing).

Specifically, you can make calls holding the product with wet hands in the rain (less than 20 mm per hour) without umbrella, as well as use the product in a place with water such as a bathroom or kitchen.

Before using the product, thoroughly read "Important items to remember before use" and "Tips for comfortable use" to ensure correct use. Failure to follow the contents described in these sections may cause intrusion of water, sand or other foreign material, resulting in overheating, fire, electric shock, injury or a fault.

*1 IPX5 equivalent means that the product will maintain its operability as a phone even if it is sprayed with water from a 6.3 mm diameter nozzle at a distance of about 3 meters for more than 3 minutes at a rate of about 12.5 liters per minute from any direction.

*2 IPX7 equivalent means that the product will maintain its operability as a phone with no water getting inside the main unit even if it is gently submerged in a tank of still tap water at room temperature to a depth of 1 meter for about 30 minutes.

Since operation of the product on each usage scene was confirmed based on the above assumption, proper operation of the product in every possible condition during actual use is not guaranteed. Malfunctions determined to be caused by mishandling by the customer are not covered by the warranty.

■ Important items to remember before use

● For waterproof, close the back cover tightly by pressing the cover along the lines below.

- Waterproofness is only effective when the covers are securely closed.
- Just a small particle (a hair, etc.) on the seals can cause water leak.
- Do not open/close the external connection terminal cover or back cover if the main unit or your hands are wet.

● Do not immerse the product in water with soap, detergent or bath salts in it.

Soap/Detergent/Bath salts

● Do not immerse the product in seawater, a swimming pool or hot spring.

Seawater   Hot spring

● Do not immerse the product in any liquid (alcohol, etc.) other than water.

● Do not place the product directly on sand at a beach, etc. Sand or other small particles might get inside the earpiece, microphone, or speaker, causing the volume to drop. If sand gets inside LGL24 main unit, it might cause overheating or a fault.

Sand/Mud

● Do not use the product underwater.

● Do not leave the product in a humid place such as a bathroom or kitchen for an extended period of time.

■ Tips for comfortable use

· Once the product gets wet, water may remain in gaps of the main unit. Shake the product well to drain water. Especially make sure to drain water remaining in the hinge part, back cover and key parts.

· Even after water is drained, the inner parts might be still wet. Although you can use the product, do not place it near things that must not get wet. Take care not to wet your clothes, bag or contents of the bag.

· Drain water if it becomes temporarily hard to hear the sound due to water remaining in the microphone or earpiece.

■ Notes on various usage scenes

In the rain: You can make calls holding the product with wet hands in the rain without umbrella.

· The rain in this case means a moderately-heavy rain (less than 20 mm per hour).

· Water drops on the display might cause errors in the touch panel operation.

· Never open/close the external connection terminal cover or back cover if the product is exposed to rain, or your hands are wet.

In the shower: You can make calls holding the product with wet hands while taking a shower.

· Avoid spraying the product with high-pressure water, as the product is not designed to withstand high water pressure.

Washing: You can wash the product under a mild flow (up to 6 liters per minute) of tap water at room temperature (5℃ to 35℃) at a distance of about 10 cm from the faucet or showerhead.

· Do not spray the product with high-pressure water or submerge it in water for extended periods of time, as the product is not designed to withstand high water pressure.

· Make sure that the back cover is tightly closed, and holding the external connection terminal cover so that it does not open, wash the product with your hands. Do not use a brush or sponge.

· Do not wash the product in a washing machine or ultrasound bath.

· Do not splash the product with or immerse it in soap water, detergent water, etc. other than tap water.

In the bath: You can use the product in a bathroom. Although you can make calls with wet hands, do not immerse the product into a bathtub. The product is not resistant to hot temperatures.

- Do not use the product in a bathroom for an extended period of time. The product is not moistureproof.
- Do not immerse the product in hot spring water, soap water, detergent water, or water with bath salts in it. Also, do not use the product underwater. Doing so may cause a fault.
- Extreme changes in temperature cause condensation. Wait until the main unit reaches room temperature before you bring the product from a cold place into a warm bathroom.
- If condensation occurs inside the display, leave the product at room temperature for a while until condensation is cleared.
- Do not splash the product with hot water. The product is not resistant to hot temperatures.
- Do not bring the Smart phone Cradle (sold separately) into a bathroom.

In the kitchen: You can use the product in the kitchen and other places where water is used.

- Do not splash the product with or immerse it in soap water, detergent water, seasonings, juices, etc. other than tap water.
- Do not immerse the product in or splash it with boiling water. The product is not resistant to hot temperatures.
- Do not place the product where it gets extremely hot or cold such as near a stove or in a refrigerator.

■ **Common precautions**

- Back cover

  Make sure that the back cover is securely attached. Just a small particle (a hair, etc.) on the seals can cause water leak.

  Do not attach/remove the back cover with gloved hands. Just a small particle (a hair, etc.) on the seals can cause water leaks. Wipe off any minuscule droplets of water or dirt with a clean dry cloth before closing the covers.

  If the back cover is deteriorated or damaged, the waterproof property becomes ineffective. In such case, contact an au shop near you or Secure cell phone support center.

- If any liquid other than plain water gets on the product

  If any liquid other than plain water (e.g. seawater, detergent, alcohol) gets on the product, immediately rinse it with plain water.

  You can wash the product under a mild flow (up to 6 liters per minute) of tap water at room temperature (5 ℃ to 35 ℃) at a distance of about 10 cm from the faucet or showerhead.

  If the product gets dirty, instead of using a brush, wash it with your hands holding the back cover and external connection terminal cover so that they do not open.

- After the product gets wet

  After the product gets wet, drain water, and wipe the main unit and the back cover with a clean dry cloth without removing the back cover.

  In cold climates, water on the main unit may turn to frost. Using the product with frost may cause a fault. Do not leave the product without wiping off water. (No special measures against condensation have been implemented in this product.)

- Rubber seals

  Rubber seal in au Nano IC Card (LTE) tray and microSD memory card slot cover plays an important part in waterproof function.

  Do not damage or remove the rubber seals. Do not bite it when closing au Nano IC Card (LTE) tray and microSD memory card slot cover. Forcibly closing the cover with the rubber seals caught may damage them resulting in loss of waterproof property. Just a small particle (a hair, etc.) on the seals can cause water leak. If any liquid other than plain water (e.g. alcohol) gets on the rubber seals, it may cause deterioration in durability.

  Do not insert the sharp pointed object in au Nano IC Card (LTE) tray or microSD memory card slot cover. Doing so might damage or deform the product or damage the rubber seals, causing water leak.

  When attaching back cover, confirm if au Nano IC Card (LTE) tray and microSD memory card slot cover are attached firmly.

  It is recommended to replace the parts for maintaining waterproof property once every two years regardless of whether any abnormality is present. For information on part replacement, contact an au shop nearby.

- Charging

  Never charge the battery if the main unit is wet.

  The supplied and optional accessories are not waterproof.

- Waterproof property

  Do not use the product in places where it may be sprayed with high-pressure water (e.g. near a faucet or showerhead) or submerge it in water for extended periods of time, as the product is not designed to withstand high water pressure. Also, do not expose the product to a water flow stronger than the specified flow rate (i.e. 6 liters per minute from a faucet or showerhead, at which you might even feel pain in the skin). Doing so might cause a fault, even though the product has a waterproof property equivalent to IPX5. Do not wash the product in a washing machine or ultrasound bath.

  This product does not float on water.

- Heat resistance

  Do not use the product in places where boiling water may splash on it, in saunas or near hot air (e.g. hairdryer). The product is not resistant to high temperatures.

- Shock

  This product is not resistant to shock. Do not drop the product or subject it to shock. Also, do not jab the earpiece, microphone or speaker with a cotton swab or any sharp object. Doing so might damage or deform the main unit causing water leak.

■ Draining water after wetting the product

As some parts of this product are not watertight, if you use the product after it gets wet, water remaining in those parts might wet your clothes or bag, or the sound might become hard to hear.

Follow the steps below to drain water.

1 Carefully wipe the moisture off the main unit with a dry towel, cloth, etc.

2 Hold the product firmly and shake it about 20 times in the direction of the arrow shown in the figure until water drops no longer fly off.

When shaking the product, confirm the safety around you and hold it firmly so as not to drop it.

3 Cover the power key and volume key with a towel, cloth, etc. and press each key two to three times.

4 Wipe the moisture coming out from inside with a dry towel, cloth, etc.

5 Place it on a dry towel, cloth, etc. and let it dry at ambient temperature. (Around 30 minutes)

If it is not fully dried, the sound may become hard to hear. Let it fully dry before use.

■ Precautions on charging

The supplied and optional accessories are not waterproof. Be sure to check the following points before and after charging.

- Never charge the battery if the main unit is wet. Doing so might cause electric shock or short circuit resulting in fire or a fault.
- Check that the main unit is not wet. If you are charging the battery just after the product gets wet, drain water well and wipe remaining water off with a clean dry cloth before connecting it to the specified charging equipment (sold separately) or the Smart phone Cradle (sold separately).
- Do not touch the specified charging equipment (sold separately) or Smart phone Cradle (sold separately) with wet hands. Doing so might cause electric shock.
- Do not splash water over the specified charging equipment (sold separately) and Smart phone Cradle (sold separately) when using them. Do not use them near water such as in a bathroom, shower room, kitchen or washroom. Doing so might cause fire, electric shock or a fault. Do not bring them into a bathroom, etc. even when you are not charging with them. Doing so might cause fire or electric shock.

Bluetooth®/Wireless LAN (Wi-Fi®) Function

- The Bluetooth® function and the wireless LAN (Wi-Fi®) function of this product conforms to the domestic standards of Japan, FCC standards, and EC directives, and has been certified.
- The 2.4 GHz band used by wireless LAN (Wi-Fi®) and Bluetooth® devices is shared by various other devices. For this reason, the communication speed and connectable range may be decreased, or disconnection may occur, due to interference by other devices.
- 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 it 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 to the product or the same channel is being used.
- The wireless LAN function cannot be used in airplane. Be sure to turn off the power even in a wireless LAN (Wi-Fi®) compliant airplane. Some airline companies, however, allow their passengers to use cell phones. For details, contact the airline company you use.
- The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the devices to connect.

2.4 GHz Frequency Band Precautions

The Bluetooth® function/wireless LAN (Wi-Fi®) function of product uses 2.4 GHz frequency band. In this frequency band, other similar wireless stations, in-plant wireless stations for mobile unit identification that require a license for 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 this product and "other wireless stations", immediately either relocate this product or stop operation of the device (stop emission of radio waves).
3. If you are unclear on any points or are troubled by anything, contact an au shop or Customer Service Center.

- Connections between 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 (Wi-Fi®) function.
- 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 using wireless LAN 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 the both functions at the same 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.

Bluetooth® and wireless LAN (Wi-Fi®) functions of this product use frequencies in the 2.4 GHz band.

2.4FH1/DS4/OF4

- Bluetooth® function: 2.4FH1
This product uses the 2.4 GHz band. FH-SS is used as the modulation scheme. The interference distance is about 10 m or less.
- Wireless LAN (Wi-Fi®) function: 2.4DS/OF4
This 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.
- Bandwidth to use: Full band
This means that full band can be used, and that bands of mobile unit identification devices can be avoided.
- Available channels differ depending on the country.
- For use in airplane, check with the airline company in advance.

5 GHz Frequency Band Precautions

Wireless LAN (Wi-Fi®) function of this product uses 5 GHz band. Using 5.2 GHz band and 5.3 GHz band outdoors is prohibited by the Radio Law.
The channels used on the product are as follows.

■ HT20
W52 (5.2 GHz band/36, 40, 44, 48 ch)
W53 (5.3 GHz band/52, 56, 60, 64 ch)
W56 (5.6 GHz band/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 ch)

■ HT40
W52 (5.2 GHz band/38, 46 ch)
W53 (5.3 GHz band/54, 62 ch)
W56 (5.6 GHz band/102, 110, 118, 126, 134 ch)

■ HT80
W52 (5.2 GHz band/38, 42 ch)
W53 (5.3 GHz band/58 ch)
W56 (5.6 GHz band/106, 122 ch)

IEEE802.11b/g/n

IEEE802.11a/n/ac

W52 | W53 | W56

Notes on Packet Communication Charge

- Since constant Internet connection is possible with product, packet communication may be performed automatically by some applications, resulting in high packet communication charges.

  Therefore, subscription to a packet communication charge discount service or flat late plan is recommended.

- On product to browse websites, download applications, communicate using applications, send/receive e-mails, and configure various settings, connection to the Internet is required, to which packet communication charge applies.
  * Packet communication charge does not apply to wireless LAN (Wi-Fi®) connection.

Applications

- 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 operation 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.
- Depending on applications, microSD memory card is required when using the application.
- Some applications prohibit the product from entering sleep mode while they are active, or rapidly drain the battery while running in the background.
- Operation procedures and screen appearances of the applications preinstalled in product and those installed by you are subject to change without notice as a result of version upgrade. In addition, operation procedures described in this manual may differ from the actual procedures.

Names and Functions of Parts

① microSD memory card slot/cover

② Inward-facing camera (lens)

③ Earpiece (Receiver)
You can hear the other party's voice during a call and the playback of answering machine , etc.

④ LED Notification

⑤ Proximity sensor/brightness sensor
Proximity sensor prevents erroneous operation during a call. Brightness sensor detects surrounding brightness and adjusts the display brightness.

⑥ ⸺ Volume key (DOWN/UP)
Adjusts volume.

⑦ ⸺ Power key
Sets/Cancels sleep mode.
Press and hold ⸺ to switch on/off on manner mode (sets Sound profile) and Airplane mode, turn on/off the power, and restart.

⑧ Display (Touch panel)

⑨ Earphone jack

⑩ External connection terminal
Uses it when connecting the specified AC adapter (sold separately) etc.

⑪ Mouthpiece (Microphone)
Transmits your voice to the other caller. Also uses it when recording voice. While talking on the phone or shooting a video, do not cover microphone with your fingers, etc.

⑫ Built-in antenna (Wi-Fi®, Bluetooth®)
When using Wi-Fi® function or Bluetooth® function, do not cover the built-in antenna with your hands.

⑬ Outward-facing camera (lens)

⓮ **Built-in antenna (GPS, sub antenna)**
When using GPS, calling or using Internet, do not cover the built-in antenna with your hands.
Also, do not put stickers on the built-in antenna part. Call/data communication quality becomes worse.

⓯ **au Nano IC Card (LTE) slot**

⓰ **Photo light**

⓱ **Infrared port**

⓲ ⌇ **Mark**
Hold it over a reader/writer to exchange data in the NFC data/FeliCa chip.

⓳ **Back cover**

⓴ **Speaker**
You can hear the ringtone, alarm, etc.

㉑ **Built-in antenna (Call, Internet)**
When calling or using Internet, do not cover the built-in antenna with your hands.
Also, do not put stickers on the built-in antenna part. Call/data communication quality becomes worse.

Attaching/Removing Back Cover

• Before inserting/removing the back cover, be sure to turn off product.
• Only use the back cover for this product.

Attaching Back Cover

1 Check the direction of the back cover and attach it to the main unit. Press each tab firmly to close the cover

  • To maintain waterproof performance, securely close the cover to make sure that the cover is not partially open.
    * Refer to (▶P.30) "Notes on Waterproof Properties".

Removing Back Cover

1 Put your finger (nail) into the groove under the main unit. Lift up the back cover in the direction of arrow (**❶**) while pressing it in the direction of arrow (**❷**)

2 Put your finger nail in the gap of the side surface, lift it up from the corner in the direction of arrow (**❸**) to open the back cover softly

3 Remove the back cover (**❹**)

Using au Nano IC Card (LTE)

au Nano IC Card (LTE) stores your personal information such as a phone number.

《au Nano IC Card (LTE)》

IC (Metal) part

The product is compatible with au Nano IC Card (LTE) only. You cannot use the product by inserting the au IC-Card, micro au IC-Card or au Micro IC Card (LTE) for au cell phones and smartphones instead.

✎ memo

Note the following points, which may cause malfunction or damage, when handling the au Nano IC Card (LTE).

- Do not touch the IC (metal) part of the au Nano IC Card (LTE) or the IC card terminal inside product.
- Insert the au Nano IC Card (LTE) in the correct orientation.
- Do not use force to attach or remove the IC card.

Do not lose the au Nano IC Card (LTE) after it has been removed.

■ When au Nano IC Card (LTE) is not inserted

You cannot use this product with any cards other than au Nano IC Card (LTE).

If you turn the product on when the au Nano IC Card (LTE) is not inserted or when you insert any cards other than au Nano IC Card (LTE), 📵 is displayed on the status bar and the following operations are not available.

• Make a call*/receive a call
• 3G/LTE data communication
• Receiving/sending and initial settings of e-mail (@ezweb.ne.jp)
• Receiving/sending SMS
• Confirm your own phone number
• Set up SIM card lock
* Emergency calls to 110 (Police), 119 (Fire department or ambulance service), 118 (Japan Coast Guard), and 157 (Customer Service Center) are also not available.

Besides the above, some functions requiring your phone number might not be available.

■ Restriction settings with PIN

You can set the product to restrict the use of the product by others through changing the PIN code or locking the SIM card in order to protect your important private information while you are using your au Nano IC Card (LTE). (▶P.29) "PIN Code"

Attaching/Removing au Nano IC Card (LTE)

Before attaching/removing the au Nano IC Card (LTE), first turn off this product and remove the back pack.

Attaching au Nano IC Card (LTE)

Before attaching the au Nano IC Card (LTE), first turn off this product and remove the back pack. (▶P.41 "Removing Back Cover")

1 Removing Back Cover

2 Put your finger (nail) on the groove and pull out the tray

3 Place the au Nano IC Card (LTE) in the tray with its IC (metal) side facing down

4 Insert the tray in the au Nano IC Card (LTE) slot in the direction as shown below
- Note the direction of the notch.

Removing au Nano IC Card (LTE)

Before removing the au Nano IC Card (LTE), first turn off this product and remove the back pack. (▶P.41 "Removing Back Cover")

1 Removing Back Cover

2 Put your finger (nail) on the groove and pull out the tray

3 Press the tray gently with your fingertip and slide it out

4 Remove the au Nano IC Card (LTE) from the tray

Charging

When you purchase your cell phone, the built-in battery is not fully charged. Charge the built-in battery when you use it for the first time or when its battery is not enough. Usage time available is shown as below.

Continuous standby time*	Approx. 530 hours (when using LTE) Approx. 550 hours (when using 3G)
Continuous calling time*	Approx. 1000 minutes

* Time for using in Japan.
It may differ depending on the environment or the built-in battery condition.

✎ memo

- While charging, product and its built-in battery might become hot. It is not abnormal. (When activating camera or communicating data while charging, the built-in battery becomes hot.)
- It may take longer to charge the built-in battery when you use camera function, etc. while charging the battery.
- Operating with the specified charging equipment (sold separately) being connected might cause short-time charge/discharge repeatedly. Life of the built-in battery becomes shorter when you repeatedly charge it frequently.

Charging with the Specified AC Adapter (Sold Separately)

Describe how to charge by using the common AC adapter 04 (sold separately).
For details on the specified AC adapter (sold separately), refer to "Introduction of Related Accessories" (▶P.69).
Charging time is approximately 130 minutes.

1 Insert the microUSB connector of the common AC adapter 04 (sold separately) into the external connection terminal of product

- Insert the microUSB cable straight with the "B" mark facing up.

2 Insert the power plug of the common AC adapter 04 (sold separately) into a 100 V AC power outlet

Connect to 100 V AC outlet

Common AC Adapter 04 (sold separately)

On the status bar of the screen top (▶P.53), ▪ is displayed to show the charging is starting. When the charging is finished, ▪ is displayed.

3 When charging is completed, remove the microUSB connector of the common AC adapter 04 (sold separately) straight from the external connection terminal of product

4 Remove the power plug of the common AC adapter 04 (sold separately) from power outlet

memo

When ▪ is not displayed

- Wait until ▪ is displayed on the status bar of the top screen. Bad connection is assumed if it does not appear after a while. Check if the common AC adapter (sold separately) is securely connected. If it still does not appear, stop charging and contact an au shop or the Secure cell phone support center.

Charging with a PC

1 Insert the microUSB connector of the microUSB cable (sold separately) directly into the external connection terminal of product
- Insert the microUSB cable straight with the "B" mark facing up.

2 Insert the microUSB connector of the microUSB cable (sold separately) directly into the external connection terminal of the product

memo

- Although charging with the power of product on is available, it takes longer.
- It may take longer to charge with USB than the specified AC adapter (sold separately).
- When the "Start new hardware search wizard" window appears, select "Cancel".

Turning the Power On/Off

Turning Your Phone On

1 ⏸ Power key (Press and hold for more than two seconds)

Unlock screen is displayed.
Swipe the screen to unlock.

✎ memo

• After turning on the power, do not touch the screen until "au" logo is displayed. Initial settings of touch panel will be set. Touch panel may operate improperly.

Turning Your Phone Off

1 ⏸ Power key (Press and hold for more than two seconds)

Phone options screen is displayed.

2 "Power off" ▶ "OK"

✎ memo

• Press ⏸ power key for more than eight seconds to restart this product.

Forced Power Off

The product has a built-battery, which cannot be removed. Perform the following procedures to forcibly turn the power off when symptoms such as "the screen is frozen" occur.

1 ⏸ Power key (Press and hold for more than 10 seconds)

The power is forced OFF.

Initial Settings

When you turn on this product for the first time, the initial setting screen appears automatically.
Follow the onscreen instructions to set each function.

・ Procedures may differ depending on the network connection or the settings skipped.
・ Tap "Skip", "Not now", etc. to skip the setting of the current item.

1 ⬭ Power key (Press and hold for more than two seconds)

The power is turned on.

2 Select language, then "Next"

3 Select Internet connection, then "Next"

4 In Google Account settings, "▨"
   ・ Add a Google Account screen is displayed. For the detailed information of Google Account setup, refer to "Setting Guide".
   ・ For details on how to input characters, refer to "Setting Guide".

5 Set front touch button, then "Next" on the "Explore something new" screen, "Done"

6 Set "au Easy Setting" if necessary

Setting Google Account

After Google Account is set up, online service provided by Google are available.
Google Account setup screen appears such as when launching a software that requires a Google Account for the first time.
For details on the initial settings, refer to "Setting Guide".

✎ memo

・ Although you can use this product without setting Google account, you cannot use Google services such as Google Hangouts, Gmail, and Google Play.
・ To sign into a Google account, you must have a Google account and a password.

Setting au ID

When you have created an au ID, you can use various au services including "au Simple Payment Service" which offers you a simple way to purchase applications from au スマートパス (au Smart Pass), Google Play.
Tap "au ID Setting" on Applications screen to display au ID Setting screen.
For details on the initial settings, refer to "Setting Guide".

Using the Touch Panel

The display on product is a touch panel operated by touching it with your finger.

- The touch panel is designed to be lightly touched by fingers. Do not apply strong pressure with your fingers or sharp-pointed objects (such as fingernails, ballpoint pens, and pins) on the touch panel.
- In the following cases, the touch panel may not work even if you touch it. It may cause malfunction.
  - Operation with gloved hands
  - Operation with fingernails
  - Operation with a foreign object placed on the touch panel
  - Operation with a protective sheet or sticker on the touch panel
  - Operation with water drops left or frozen on the surface
  - Operation with wet or sweaty fingers
  - Operation under water

■ Tap/Double Tap
Gently touch a screen and immediately release your finger. Tap the same place twice.

■ Touch and hold
Keep touching an item with your finger.

■ Slide
While your finger is gently touching the screen, trace it to the desired direction to move over.

■ Flick (Swipe)
Operate on the screen by quickly moving (flicking) your finger up, down, right, or left.

■ Pinch
Touch the screen with two fingers and widen (pinch-out) or narrow (pinch-in) the fingers' distance.

■ Drag
Keep touching the screen and trace to the desired position.

Using the Home Screen

Viewing Home Screen

The home screen is configured of multiple desktops, and desktops can be switched by sliding/flicking to the right and left. Shortcuts, Widgets, and Folders can be added by adding a desktop.

❶ Status bar
❷ Quick search box
❸ Shortcuts/Widgets/Folders
❹ Quick menu
❺ Desktop
❻ Apps
Main menu is open and the application list is displayed.
❼ ⬅ Back key
Returns to the previous screen.

❽ ⌂ **Home key**
Displays Home screen.

❾ ☰ **Menu key**
Displays option menu.

Using the Home Screen

On the Home screen of product, the following five desktops is provided. They are called "isai screen". isai screen enables you to use different information and contents on the Home screen without activating a special application.

• CENTER

Confirm the weather information, etc.

• SNS

Use SNS such as Facebook or Twitter.

Registration is necessary before using it.

• TREND

Confirm the information about au smartpass or exclusive coupons for members.

• VIDEO

Watch video pass or YouTube videos.

• NEWS

Browse news from each news company.

Flick to up and down at each desktop to switch the display content in timeline.

Settings necessary when using each desktop

■ Setting SNS

1 Swipe Home screen and tap "SNS" ▶ "▣"

2 Select SNS to add
   - Operation method may change depending on the SNS you want to add.
   - Operate by following the onscreen instructions

■ Registering a news

Register RSS field to display on the Home screen,

1 Swipe Home screen and tap "NEWS" ▶ "▣"

2 "⊕"

3 Enter field name and URL and tap "Save"

■ Setting weather forecast

1 Home screen ▶ Tap weather area

2 Enter a city name, "☌"
   - The searching results are displayed.

3 Tap a registered city from the searching results
   - Home screen ▶ Tap a weather area ▶ "⊕" ▶ Enter a city name and tap "☌" ▶ From the search results tap a city you want to register and add the city.
   - Home screen ▶ Tap a weather area ▶ "◁"/"▷" after adding the city to switch to another city.
   - Home screen ▶ Tap a weather area ▶ "☰" ▶ "Settings" ▶ "Edit city list" ▶ "⊟" ▶ Select a city you want to delete ▶ "Delete" ▶ "Yes" to delete it.

Changing Desktop

The home screen is configured of multiple desktops that can be switched by sliding/flicking to left or right.

- The indicator shows the current position is displayed on the bottom of the screen.

Starting an Application

1 Home screen ▶ "Apps"

2 Tap an icon

The application you tapped starts.
Tap a folder to display the icons stored it.

◇ memo

- When you tap an icon to use its functions, communication fee may be charged depending on the function.

Main Applications

The preinstalled applications are shown as below.

Icon	Application	Overview
🖼	Friends Note	"Friends Note" can manage friends and messages on the Native Address Book of your phone and on multiple social networking services such as Facebook and mixi, including posting messages.
📥	auスマートパス (au Smart Pass)	Get whatever application you want for only 390 Yen per month! Also coupons, presents, photo storage and security apps are available. Please enjoy your safety and comfortable smartphone life.
🎵	LISMO	Play music or check the latest music information.
au	au Wi-Fi 接続ツール (au Wi-Fi connection tool)	Connects to a Wi-Fi® easily in an area where au Wi-Fi SPOT is available. Also, you can set Wi-Fi® easily with a wireless LAN access point on which "Simple connection" is available.
📱	リモートサポート (Remote Support)	This application supports phone operations by sharing screen on the smart phone that you are watching with an au operator.
🔒	3LM Security	Lock this product operations remotely in case of loss product.
f	Facebook	Access to Facebook.

Checking product state

Understanding Icons

Notification icons such as a missed call, new mail, or other operations in use are displayed on the left side of status bar. On the right side, status icons showing the state of product are displayed.
Also slide the status bar downwards to display the notification panel.

■ Major notification icons

Icon	Overview
📷	Missed call
E	New mail message (e-mail)
@	New mail message (PC mail)
M	New Gmail message (Gmail)
SMS	New SMS message
🕐	Stop alarm and snooze Snooze is displayed if you turn off alarm without stop it.
1	Upcoming calendar event
📺	Activating 1Seg

Icon	Overview
🎵	Playing a track
🖥	USB debugging is connected
📞	Receiving a call
📶	Available memory on the terminal is low
⚙	USB is connected
⬆	Upload data, send file Icons are displayed in animation during uploading and sending file.
⬇	Downloading data or application, download complete, installing, receiving file, file receipt complete, file receipt failed The icon for downloading and receiving files is an animation display.
📥	Available updates
✅	Installation on Google Play is complete, or update is available
🔑	VPN is connected
🆙	Major update (OS update) is available
➕	Consolidated icons Consolidated icons can be confirmed on the notification panel.
📶	During Wi-Fi® tethering
📶	During Bluetooth® tethering

■ Major status icons

Icon	Overview
15:00	Time
🔔	Alarm is set up
▮ ▮ ⚡	Battery level ▮ Adequate / ▮ Need to charge ⚡ Charging The icon when charging except at "adequate" level is an animation display.
✈	Airplane mode
📶 📶	Signal reception (signal reception area) 📶 Level 4 📶 out of service
LTE	LTE data communication status
3G	3G data communication status
1X	CDMA 1X data communication status
📶	Roaming
あ AB 12 カ A 1 カ	Character type あHiragana-Kanji/ ABHalf-width Alphabet/ 12Half-width Numeric/ カ Half-width Katakana/ A Full-size Alphabet/ 1Full-size Numeric/ カ Full-size Katakana
📳	Vibrate only
🔇	Silent
📶 📶	Signal reception of Wi-Fi® 📶 Level 4/ 📶 Level 0
🔵 🔵	Using Bluetooth® 🔵 Standby/ 🔵 connecting

Icon	Overview
◎ ◎	GPS in use The icon when acquiring GPS information is an animation display.
🔄	Synchronizing data
🎧	Stereo earphone with Microphone is inserted
🎧	Earphone is inserted

Notification Panel

When a notification icon appears on the status bar, slide the status bar down to open the notification panel to check the notification or launch the application.

1 Slide the status bar downwards

❶ Quick Settings
Tap QMemo, sound profile, GPS settings, Wi-Fi, GPS, Wi-Fi® setting, etc. to launch the application or change the settings.

❷ Q Slide Application
Enables multitasking of applications.

❸ Display brightness

❹ Volume

❺ Date
The date is displayed.

❻ Setting
The system setting screen is displayed.

❼ Clear
Clear notification information and notification icons.
Some notifications might not be cleared depending on their contents.

❽ Notification information
Details on the notification information are displayed.

❾ Close bar
Slide it upward to close the notification panel.

LED Notification

LED notification informs charging prompt, battery level while charging, missed calls, mail arrival, etc. by lighting on or flashing.

LED color and flash	Description
Flashing red	Indicates that it is charging.
Flashing green	Indicates that there is an incoming call, missed call or unread e-mail registered on PC mail account.
Lighting green	Indicates that charging is complete.
Flashing rainbow	Indicates that an alarm is sounding.
Flashing light blue	Indicates that there is a calendar notification.
Flashing blue	Indicates that NFC/Osaifu-Keitai® is in use.

* The color of the flashing LED which indicates an incoming e-mail (@ezweb.ne.jp) can be selected from "red, green, blue, yellow, or purple".
* If "Downloaded apps" is set, LED notification is displayed from the downloaded application. LED notification color differs depending on the download applications. LED notification is not displayed from download application if removing the mark.

Capturing a Screenshot

The displayed screen can be saved as an image.

1 Press ⊂⊃ power key and ⊂⊃ volume key (DOWN) for more than one second at the same time

To view the captured screenshot, Home screen ▶ "Apps" ▶ "Basic" ▶ "Gallery" ▶ "◇" ▶ "Screenshots".

Using QMemo Function

The application can make memos simply.
You can use it freely like a piece of paper. The important information on the captured screenshot can be highlighted.

1 Open the notification panel and tap "QMemo"

2 Write the memo

The following information will appear at the top of the screen or at the four corners.

- ▢ : Use other functions with the memo remaining on the screen.
- ▣ : Display/hide the screen of the background.
- ◀/▶ : To undo or redo.
- ✎ : Select the pen type and color.
- ✦ : Use eraser. Tap "Clear all" to delete the entire written memo.
- ◁ : Send the written memo by Bluetooth®, e-mail, etc.
- 🖫 : Save a written memo.
- ▼ : Tap to display/hide tool bar.
- ▲
  - 🔒 : Lock or unlock front touch button.

3 "🖫" ▶ Select a save destination

Save the written memo.
The following selections are displayed as the save destination.
- Notebook
- Gallery

✐ memo

- You can also swipe up from the front touch button's icon range, then drag to 🔍 to start QMemo.
- Operate by touching with your finger gently. It might not work when using a touch pen you purchase in a store.

Entering Text

Use the software keyboard to enter characters.
To display the software keyboard, tap a character input box in the character input screen when adding contacts, creating a message, etc.

Switching the Software Keyboard

1 Character input screen ▶ Touch and hold "▧"

2 "▨"/"▨"

⌇ memo

- "LG Japanese keyboard" is initially installed as an input software.
- To set ringtone and vibration for key operations on LG Japanese keyboard, character input screen ▶ Touch and hold "▧" ▶ "⚙" ▶ "Keyboard Settings".

Entering Text on the 10-key Keyboard

Tap the same key repeatedly or flick up/down/left/right to enter the desired character.

Entering Text on the QWERTY Keyboard

Tap the key of your desired character to enter. Romaji input is applied for "Hiragana-Kanji" mode.

Viewing Character Entry Screen

Character input screen (10-key Keyboard)

* Displaying the keyboard for Hiragana-Kanji input mode.

Character input screen (QWERTY keyboard)

1 Character input field

2 Normal conversion candidate list/Predictive conversion candidate list

3 Voice typing key/Reverse key

4 Cursor key

5 Symbol/Emoticon key, Alphameric character/Kana key

6 Input Mode key
Switches Input Mode.

7 Bracket key, Upper/Lower case key

8 Software keyboard
Inputs the characters of each key.

9 Delete key
Deletes the selected character or characters on the left side of cursor.

10 Conversion key/Space key
Displays the normal conversion candidate list when entering hiragana. Enters a space at the cursor position.

11 Execution key/Return key
Confirm the characters input. Inserts a line feed at the cursor position.

12 Shift key

Switching Character Entry Mode

1 Character input screen ▶ Touch and hold " " ▶ " " ▶ "Input Mode"

2 Select an input mode

Making Calls

1 Home screen ▶ "Phone"

Phone number entry screen is displayed.

❶ Screen switching tab
❷ Phone number entry field
❸ Number key
❹ SMS
❺ Delete key
❻ Call key

2 Enter a phone number

When calling to a fixed-line phone, you also need to enter the area code.

3 " 📞 "

Dialing screen is displayed. Press ▭▭▭ volume key (DOWN/UP) during a call to adjust earpiece volume (the other party's voice volume).

4 "End"

When "Call settings" ▶ "Save unknown numbers" is enabled, after you finish a call of which the number is not registered to Contacts, a confirmation screen appears asking if you want to register the number with Contacts. This function is disabled by default.

🖉 memo

- Screen background light turns off when proximity sensor is covered while making or answering a call.
- If you make a call by dialing a number with "1401" at the beginning, communication fee will be charged from your au prepaid card.
- Note that the other party can hear your voice even if you cover the mouthpiece.
- An emergency call to 110, 119, and 118 is available even when it is set to "Airplane mode". Also, "Airplane mode" is set to OFF automatically when making an emergency call to 110, 119, or 118.

Using History to Make a Call

1 Home screen ▶ "Phone"

2 "Call logs"

3 Tap " 📞 " on the contact you call

Making an International Call (au International Call Service)

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

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

1 **On Phone number entry screen, enter an access code, a country code, an area code and a phone number ▶ " 📞 "**

On Phone number entry screen, ▶ "≡" ▶ Select a country from "Country code" to make an international call.

International access code[*1]		Country code (USA)		Area code[*2]		Phone number
010	➡	1	➡	212	➡	123XXXX

*1 Touch and hold "0" to enter "+", "010" is added automatically while dialing.
*2 If the area code begins with "0", omit "0". (there are some exceptions such as fixed-line phones in Italy and Moscow.)

Emergency Call Location Notification

If you make an emergency call to the police, fire station or Regional Coast Guard Headquarters, your current location (GPS information) will be transmitted to the agency receiving the emergency call.

✎ memo

- In this section, the police (110), fire station (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 emergency call number 110, 119 or 118, the emergency call receiving agency will not be notified of your location and phone number.
- 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 the police, fire station 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.

Receiving Calls

1 Slide (swipe) "📞" while an incoming call is ringing

When an incoming call arrives with background light on (except when unlock screen is being displayed), tap "📞".

2 Answer the call ▶ "End"

When "Call settings" ▶ "Save unknown numbers" is enabled, after you finish a call of which the number is not registered to Contacts, a confirmation screen appears asking if you want to register the number with Contacts. This function is disabled by default.

■ When an incoming call arrives

The following items are displayed.

- If a number is notified by the other party, the number will be displayed on the screen. If the number and name are registered to Contacts, information of name, etc. are also displayed.
- If a number is not notified by the other party, the reason will be displayed on the screen.

  "Number withheld", "Payphone", and "Not support*"
- * When the other party is calling using a phone which cannot send any phone number.

- If you have not subscribed to LTE NET, LTE NET for DATA, turn off "Mobile data" (▶P.66) before using.

To mute ringtone during an incoming call

- While an incoming call rings, press ⬯ (power key) or ⬯ (volume key (DOWN/UP)) to mute ringtone or stop vibration.

When an incoming call arrives while using other functions

- When an incoming call arrives while using Contacts, mail, etc., an incoming call is prioritized. After answering the call, continue to use the function you were using.
- If you are using voice recorder, recording is stopped and the data is saved when you answer the call.

Checking Your Phone Number

1 Home screen ▶ "≡" ▶ "System settings" ▶ "General" ▶ "About phone" ▶ "Status"

Status screen appears and your phone number is shown in My phone number field.

Using a microSD Memory Card

You can save/transfer/copy data by installing a microSD memory cards (including microSDHC memory cards and microSDXC memory cards) in product main unit. Also, you can back up your Contacts, e-mails, bookmarks, etc. to microSD memory card.

- Do not turn off the product or subject it to impact while microSD memory card data is being accessed. Doing so creates the risk of data corruption.
- This product is compatible with microSD/microSDHC/microSDXC memory cards. For information on compatible microSD/microSDHC/microSDXC memory cards, please inquire with the respective microSD memory card distributor or visit the au website.

memo

- Depending on applications, microSD memory card is required when using the application.
- A microSD memory card initialized with other devices may not work properly on product. Initialize the microSD memory card with product by performing the following procedures. Home screen ▶ "≡" ▶ "System settings" ▶ "General" ▶ "Storage" ▶ "Erase SD card" ▶ "Erase SD card" ▶ "Erase everything"
- product may not be able to playback the data moved/copied to microSD memory card from PC, etc. depending on the data protected by copyrights.

Installing a microSD Memory Card

1 Turn off the main unit

2 Open the microSD Memory Card slot cover

3 Check the insertion direction of the microSD Memory Card, and slowly insert the card straight until you hear a click

Be sure to insert the card until the click is heard. Be careful not to let go of your finger before the click, as the microSD Memory Card may pop out.

4 Close the microSD Memory Card slot cover

- Make sure that the top and bottom of the microSD memory card are facing correctly.
  Trying to force a wrongly oriented card into the slot could make it impossible to remove the card and result in damage.

Removing a microSD Memory Card

1 Home screen "≡" ▶ "System settings" ▶ "General" ▶ "Storage" ▶ "Unmount SD card"

2 Turn off the main unit

3 Open the microSD Memory Card slot cover

4 Gently insert the microSD memory card
   Be careful not to let go of your finger while pushing hard on the microSD Memory Card, as the card may pop out.

5 Pull out the microSD memory card
   Gently and straightly pull it out.

6 Close the microSD Memory Card slot cover

✎ memo

- Do not touch connector part of microSD memory card.
- Do not apply excessive force to pull microSD memory card. Doing so might cause malfunction or data loss.
- Applications installed in microSD memory card are not available to use without microSD memory card.
- microSD memory card might become warm after using a long time. It is not malfunction.
- The procedure to remount a microSD memory card that has been unmounted is, Home screen ▶ "≡" ▶ "System settings" ▶ "General" ▶ "Storage" ▶ "Mount SD card".

Viewing the Setting Menu

1 Home screen ▶ "≡" ▶ "System settings"

■ Network

Wi-Fi	Make wireless LAN (Wi-Fi®) settings.
Bluetooth	Make Bluetooth® settings.
Mobile data	Make settings for mobile data communication and confirm the communication volume.
Call	Set network services such as Answering Service (Voice Mail), Call Transfer, etc.
Share & connect	Make settings related to NFC or data sharing.
Tethering & networks	Make communication settings such as Airplane mode and mobile networks.

■ Sound

Sound profile	Make settings so as not to disturb those around you in public places.
Volumes	Set volume for ringtone, music, video playback, etc.
Vibrate strength	Set the vibration intensity.
Quiet mode	Set the time to turn the sound off, except for alarm and media.
Phone ringtone	Select and register the data setting for the ringtone for voice incoming calls.
Smart ringtone	Set whether to automatically raise the ringtone volume in noisy places.
Incoming call vibration	Set the vibration pattern for voice incoming calls. You can also add vibration patterns.
Gentle vibration	Set whether to gradually increase the vibration intensity to the current setting.
Ringtone with vibration	Set whether to vibrate for incoming calls.
Voice notifications	Set whether to read out the caller information for voice incoming calls.
Notification sound	Select and register the data setting for the notification sound.
Touch feedback & system	Set whether to play sounds for "touchpad touch tone", "touch operation tone" and "screen lock tone".

■ Display

Home screen	Set theme and wallpaper.
Lock screen	Make settings related to screen lock.
Front touch buttons	Select the arrangement of the front touch button, and set the background theme and whether to use a transparent background.
Brightness	Set the display brightness. Tap "Auto" to automatically adjust the display brightness according to the surrounding brightness.
Screen timeout	Set the lighting time of the backlight.
Screen-off effect	Set the effect when the display is OFF.
Auto-rotate screen	Set whether to automatically switch between vertical and horizontal display directions according to the product direction.
Daydream	Make settings for the screen saver. Tap "Start now" to turn on the screen saver. Tap "Startup settings" to set when to turn on the screen saver.
Font type	Set the font displayed on the screen. Tap "Add font" to download fonts from SmartWorld.
Font size	Select from "Minimum," "Small," "Medium," "Large," "Very large," and "Maximum".
Smart screen	Set whether to turn on the backlight while you are looking at the display.
Smart video	Set whether to pause a movie on auto play by detecting that the viewer is not watching the screen.
Notification LED	Set whether to use the notification LED to notify missed calls, alarm sounding, etc.
Aspect ratio correction	Set whether to adjust the display of downloaded application to the screen resolution, for each application.

■ General

Gestures	Make settings related to gestures.
One-hand operation	When the "Dial pad", "LG keyboard" or "Lock screen" is displayed, set whether to display the right/left button to move the pad or keyboard position. Also, set whether to swipe and move the LG keyboard position using "Gesture control".
Storage	Make settings for connection with external devices.
Battery	Make settings related to the battery such as display battery information, set to control the use of various functions when the battery level is low, etc.
Apps	Make settings relating to applications. Also manage installed applications.
Slide Aside	The active application can be saved by flicking the screen to the left with three fingers while the application is displayed. Also flick to the right to bring back the saved application. Up to 3 applications can be saved.
Accounts & sync	Make basic settings for managing online service accounts or synchronizing data.
Cloud	Register a cloud account.
Guest mode	Display a pre-selected application on a dedicated home screen.
Location access	Make settings for location information such as GPS function set to ON/OFF.
Security	Make lock settings for au Nano IC Card (LTE) and application download settings.

Language & input	Set the display language and make character entry settings.
Backup & reset	Perform Backup and restore of data, and initialization.
Date & time	Make display format settings for data and time.
Accessibility	Set call end operation and user support service.
PC connection	Make settings for connection with external devices.
Accessory	Make settings on operations when accessories such as earphones are connected.
About phone	Confirm information such as phone number, signal reception, etc. Update software.

Introduction of Related Accessories

■ Back cover (LGL24TFA)

■ Back cover (LGL24TWA)

■ Back cover (LGL24TKA)

■ Back cover (LGL24TLA)

■ Smart phone Cradle (LGL24PUA) (Sold separately)

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

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

■ AC Adapter (sold separately)
・ Common AC adapter 03 (0301PQA)
・ Common AC adapter 03 Navy (0301PBA)
・ Common AC adapter 03 Green (0301PGA)
・ Common AC adapter 03 Pink (0301PPA)
・ Common AC adapter 03 Blue (0301PLA)
・ AC Adapter JUPITRIS White (L02P001W)
・ AC Adapter JUPITRIS Red (L02P001R)
・ AC Adapter JUPITRIS Blue (L02P001L)
・ AC Adapter JUPITRIS Pink (L02P001P)
・ AC Adapter JUPITRIS Champagne Gold (L02P001N)

■ Common AC Adapter 04 (0401PWA) (sold separately)

■ Common DC Adapter 03 (0301PEA) (sold separately)

■ microUSB Cable (sold separately)
・ microUSB cable 01 (0301HVA)
・ microUSB cable 01 Navy (0301HBA)
・ microUSB cable 01 Green (0301HGA)
・ microUSB cable 01 Pink (0301HPA)
・ microUSB cable 01 Blue (0301HLA)

■ Portable Charger 02 (0301PFA) (sold separately)

memo

・ For the latest information about available accessories, check au website (http://www.au.kddi.com/) or contact Customer Service Center.
・ This product does not support ASYNC/Fax transmission.
・ You can purchase accessories on this page from au online shop.
http://auonlineshop.kddi.com/

Troubleshooting

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

Symptom	Check item	Page
Cannot turn on power.	Is the built-in battery charged?	P.44
	⎓ Do you press and hold the power key?	P.46
Cannot charge the battery.	Is the AC adapter securely plugged into an outlet?	P.44
Battery usage time is short.	📶 Do you use this product more in the places without signal reception (out of service)?	-
	Is the built-in battery running out?	P.26
Cannot operate touch panel as intended.	Are you operating with gloved hands?	P.48
	Make sure you are not operating with your finger tip or there is no foreign object in the middle of the panel.	P.48
Cannot operate the keys/touch panel.	Is the screen lock set?	-
	Turn off the power and turn it on again.	P.46
Screen response is slow when you tap on the screen/press the keys.	Screen response may slow down when a large amount of data is stored in this product or being transmitted between product and a microSD memory card.	-
"No SIM card" is displayed.	Is an au Nano IC Card (LTE) inserted?	P.42

Symptom	Check item	Page
Cannot make calls.	Is an au Nano IC Card (LTE) inserted?	P.42
	Did you enter the wrong phone number? (Did you enter the phone number starting with an area code?)	P.60
	Is "Airplane mode" set?	P.66
	Is "Network mode" wrong?	-
Cannot receive calls.	Is reception good enough?	P.53
	Are you out of service area?	P.53
	Is "Airplane mode" set?	P.66
	Is "Network mode" wrong?	-
	Is Call forwarding service set?	P.66
Display is dark.	Is "Brightness" set to dark?	P.67
Cannot hear the other party.	Is the earpiece volume too low?	P.60
	Do you bring earpiece close to your ear? Put the earpiece close to your ear hold.	P.39
Cannot use NFC/Osaifu-Keitai®.	Has the battery run out?	P.44
	Is "NFC/Osaifu-Keitai lock" set?	-
	Do you hold this product so that the ⚛ mark area is placed over the reader?	P.39
Cannot recognize a microSD memory card.	Is a microSD memory card inserted properly?	P.64
	Is the microSD memory card unmounted?	P.65

If the symptom does not improve after checking the above items, contact the below au website or au customer support.
http://www.au.kddi.com/support/mobile/trouble/repair

Using Stereo Earphone with Microphone (Sample)

Connect the supplied Stereo earphone with Microphone (sample).

1 Insert the plug of Stereo earphone with Microphone (sample) into the earphone jack of this product

* Press the button to operate volume operations. Refer to "Full Instruction Manual" (in Japanese only).

Updating Software

Notes on Software Update

- You are charged for data communication when connecting to the Internet from product by using packet communication.
- When software update is necessary, you will be informed on au homepage, etc. For details, contact an au shop or Customer Service Center (**157**/call toll-free). In addition, users of this product will receive a notice from au, when software update is necessary to improve the functionality of the product.
- Make sure to charge your phone before software update. If battery is not enough, software update may fail.
- Check out the signal reception. Software update may fail if you are at a place with bad signal reception.
- Data registered on product (Contacts, mail, photos, music, etc.) and setting information will not be changed even after software is updated.
  However, note that data might not be protected depending on the state of your phone (malfunction, damage, getting wet, etc.).
  You are recommended to back up your data before updating software.
- If software update has failed or stopped, update the software again.

Do not conduct the following operations during software update.

- Do not move this product during software update.

The following operations are not available during software update

- Operations are not available during software update. Calls to 110 (Police), 119 (Fire department or ambulance service), 118 (Japan Coast Guard) and 157 (Customer Service Center) are also not available.
  Also, alarm, etc. cannot be used.

When software update is not available, etc.

- If you fail to update software, it may become impossible to operate product. In that case, bring product to an au shop or PiPit (not accepted by some shops).

Downloading and Updating Software

1 **Home screen ▶ "≡" ▶ "System settings" ▶ "General" ▶ "About phone" ▶ "Update Center" ▶ "Software Update" ▶ "Check now for update"**

Check if there is new software.
Software update screen is displayed when software update is available.

2 **Select a communication method to download**

Select a communication method to download software.

3 **"Download"**

A new software download starts.

4 **"Install now"**

Software update starts.
product will restart a couple of times during the software update.

5 **"OK"**

After-sales Service

■ When asking for repair

For repair, contact Secure cell phone support center.

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

memo

- 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.
- Collected au cell phones by Replacement cell phone delivery service which you used before are recycled to cell phones for replacement after repairs. Also replaced parts by au after-sales service are collected and recycled by KDDI. They are not returned to customers.

■ Performance parts for repair

The Company retains performance parts for repair of product 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.

■ Warranty card

At the store of purchase, thoroughly check and read the name of the retailer, date of purchase and other necessary details filled in on the warranty card, and be sure to keep it in a safe place.

■ Secure cell phone support plus LTE

An after-sales service membership program on a monthly basis called "Secure cell phone support plus LTE" (monthly fee: 399 yen including tax) 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, refer to au homepage or contact Secure cell phone support center.

✐ memo

- You can apply for membership only at the time of purchasing your au cell phone.
- Once you cancel the membership, you cannot re-apply 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 Secure cell phone support plus LTE membership is also handed over to the successor of the cell phone.
- When you get a new au cell phone by changing the model or purchasing an extra cell phone, the "Secure cell phone support plus" or "Secure cell phone support plus LTE" membership for the old au cell phone is automatically canceled.
- Service contents are subject to change without notice.

■ au Nano IC Card (LTE)

The au Nano IC Card (LTE) 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.

■ After-sales service

If you are unsure about anything regarding after-sales service, contact the following service contact.

Customer Service Center (for service canceling procedure or operation in case of loss or theft)

From a land-line phone,

📞 0077-7-113 (toll free)

From an au cell phone,

113 without an area code (toll free)

Secure cell phone support center (for loss, theft, damage)

From a land-line phone/From an au cell phone,

📞 0120-925-919 (toll free)

Business hours 9:00 – 21:00 (7 days a week)

■ au after-sales service information

Service Contents			Secure cell phone support plus	
			Member	Non-member
Replacement cell phone delivery service	Spontaneous failure	1st year	Free	N/A
		2nd year or later	Customer charge 1st time: 5,250 yen 2nd time: 8,400 yen	
	Partial damage, water stained, irreparable damage, theft, or loss			
Holding over and repair	Spontaneous failure	1st year	Free	Free
		2nd year or later	Free (3-year warranty)	Actual cost
	Partial damage		Customer charge Upper limit: 5,250 yen	
	Water stained, irreparable damage		10,500 yen	
	Theft, loss		N/A	N/A (model change)

* Charge amounts are all tax-included.

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✎ memo

Replacement cell phone delivery service

- When you have trouble with your au cell phone, replacement cell phone (same model, same color, including new battery) is delivered to the specified place by calling to. Return your damaged cell phone within 14 days after replacement cell phone is delivered.
- Available up to twice in a year from the day you use this service as a start day. If you do not use this service in the past year at the subscription to this service, it will be 1st time and if you use, it will be 2nd time.
- * For details, refer to au homepage.

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.

Main Specifications

■ This product

Display	Approx. 5.2 inches, Max. 16.77 million colors, AH IPS liquid crystal
	1920 x 1080 dots (FHD)
Weight	Approx. 152 g (including built-in battery)
Size (W x H x D)	Approx. 72 mm x 144 mm x 9.1 mm (Max. thickness: Approx. 9.7 mm)
CPU	MSM8974 2.3 GHz Quad core
Memory (Internal)	ROM: 32 GB RAM: 2 GB
Continuous calling time	In Japan Approx. 1000 minutes
	Out of Japan (GSM) Approx. 790 minutes
Continuous standby time[*1]	In Japan Approx. 530 hours (When using LTE) Approx. 550 hours (When using 3G)
Continuous standby time[*1]	Out of Japan (GSM) Approx. 560 hours
Continuous Wi-Fi® tethering time	Approx. 470 minutes (When using LTE of WAN side) Approx. 500 minutes (When using 3G of WAN side)

Number of concurrent connections with tethering		13 devices (Wi-Fi® tethering; 8, Bluetooth® tethering; 4 and USB tethering; 1)
Charging time	AC adapter	Approx. 130 minutes (When using Common AC adapter 04 (sold separately))
	DC adapter	Approx. 320 minutes (When using Common DC adapter 03 (sold separately))
Outward-facing camera (lens)	Image pickup device	CMOS
	Effective pixels	Approx. 13.2 million
	Digital zoom	8.0 times zoom
Inward-facing camera (lens)	Image pickup device	CMOS
	Effective pixels	Approx. 2.4 million
Wireless LAN (Wi-Fi®)	Communication method	IEEE802.11 a/b/g/n/ac-compliant
	Frequency band	2.4 GHz/5 GHz frequency band

Bluetooth®	Version	Bluetooth® standard Ver. 4.0 BLE
	Output	Bluetooth® standard Power Class 1
	Communication distance*2	Ideal line-of-sight distance is the max. 10 m
	Compatible profiles*3	HSP (Headset Profile) HFP (Hands-Free Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile) OPP (Object Push Profile) SPP (Serial Port Profile) PBAP (Phone Book Access Profile)*4 HID (Human Interface Device Profile) FTP (File Transfer Profile) PAN (Personal Area Networking Profile) DUN (Dial-Up Networking Profile)*5
	Frequency band	2.4 GHz frequency band
1Seg (Continuous viewing time)*6		Approx. 6 hours 30 minutes

*1 Continuous standby times are measurements in a static state.
*2 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 Depending on the phonebook data, it may not be displayed properly on the other party's device.
*5 Compatible only on some car navigation system. Refer to au website for usage.
*6 Continuous viewing time may change depending on the usage condition.

memo

- 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.

Important Safety Information

AIRCRAFT
Switch off your wireless device when boarding an aircraft or whenever you are instructed to do so by airline staff. If your device offers a 'flight mode' or similar feature consult airline staff as to whether it can be used on board.

DRIVING
Full attention should be given to driving at all times and local laws and regulations restricting the use of wireless devices while driving must be observed.

HOSPITALS
Mobile phones should be switched off wherever you are requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

PETROL STATIONS
Obey all posted signs with respect to the use of wireless devices or other radio equipment in locations with flammable material and chemicals. Switch off your wireless device whenever you are instructed to do so by authorized staff.

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

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

Hearing Aids
Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

NOTE : Excessive sound pressure from earphones and headphones can cause hearing loss .

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

For other Medical Devices:
Please consult your physician and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

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

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.
Note:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on circuit different from that to which the receiver is connected.
- 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

This model phone is a radio transmitter and receiver.
It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.
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.
The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.
The SAR value for this model handset when tested for use at the ear is 0.29 W/kg and when worn on the body, as described in this user guide, is 0.52 W/kg.

Body-worn Operation

This phone was tested for typical body-worn operations with the back of the phone kept at a distance of 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 your body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ after searching on FCC ID ZNFLGL24.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) website at http://ctia.org/.

Certificate and Standard

You can confirm the certificate and standard mark of this product (certificate and certificate number included) by the following procedures.

1 Home screen ▶ "≡" ▶ "System settings" ▶ "General" ▶ "About phone" ▶ "Regulatory and Safety"

Export Administration Regulations

This product and its accessories may fall under the category of application of Japan Export Control Regulations ("Foreign Exchange and Foreign Trade Law" and relevant laws and regulations). U.S. Re-export Regulations (Export Administration Regulations) is applied to this product and its accessories. If you export or re-export this product or its accessories, please follow the necessary procedures at your own risk and expense. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the U.S. Department of Commerce.

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For loss or theft and operation information
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From fixed-line phones:
0077-7-113 Free Call

From au cell phones:
113 without area code

In case above numbers are not available, call toll-free:

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0120-977-699 (Okinawa) Free Call

Secure cell phone support center

For loss, theft, damage (toll free)

From fixed-line phones/au cell phones,

0120-925-919 Free Call

Business hours 9:00−21:00 (7 days a week)

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