au

AQUOS PHONE *SERIE*

SHL25

Basic Manual

- The company names and product names appearing in this manual are trademarks or registered trademarks of their respective holders.
- For exemptions, refer to "Notes on Usage" available on the au homepage.

Draft Edition

For inquiries, call:

Customer Service Center

For general information and charges (toll free)

From fixed-line phones:	From au cell phones:
0077-7-111	157 area code not required

Tapping "DIAL" and "zero" will connect you to an operator after calling "157" on your au cell phone.

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

From fixed-line phones:	From au cell phones:
0077-7-113	113 area code not required

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

0120-977-033 (except Okinawa)
0120-977-699 (Okinawa)

Keitai Guarantee Service Center

For loss, theft or damage (toll free)

From fixed-line phones/au cell phones:

0120-925-919

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

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

モバイル・リサイクル・ネットワーク

Preface

Thank you for buying the "AQUOS PHONE SERIE mini SHL25 (simply called the SHL25 or the "product" from here on).
Before using the product, be sure to read the "Basic Manual" (this manual) and "Notes on Usage"/"Setting Guide" available on the au homepage to ensure correct use. After you have finished reading the manuals, be sure to keep them accessible and store the printed manuals ("取扱説明書" (Basic Manual), "ご利用にあたっての注意事項" (Notes on Usage) and "設定ガイド" (Setting Guide)) (Accessories) in safe places so that you can refer to them whenever you need them. If you lose the printed manuals (Accessories), contact an au shop or Customer Service Center.

Operating Instructions

■ "Basic Manual" and "Setting Guide"

The "Basic Manual" (this manual) and "Setting Guide" available on the au homepage describe basic operations of major functions.
For detailed descriptions of various functions, refer to the "Instruction Manual application" (Japanese version) that can be used on the product or "Full Instruction Manual" (Japanese) available on the au homepage:
http://www.au.kddi.com/english/support/manual/

■ "Instruction Manual Application" (Japanese/English Version)

You can use the "Instruction Manual application" (Japanese version) on the product to check detailed operational procedures.
Also, you can activate intended functions from an explanation screen depending on the functions.
On the home screen, tap [アプリ] (APPS) → [取扱説明書] (Instruction Manual).
Also, you can use the "Instruction Manual application" (English version) on the product to check operational procedures.
On the home screen, tap [APPS] → [Basic Manual] after switching the display language to English (▶P. 15).
- To use the application for the first time, you need to download and install it by following on-screen instructions.

Safety Precautions

Before you start using the product, be sure to read the "Notes on Usage" available on the au homepage to ensure correct use.
Before you assume that the product is malfunctioning, check for possible remedies in the following au Customer Support site of au homepage:
http://www.au.kddi.com/english/support/

When Using the 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 may not be possible in poor reception areas. Communication may be interrupted if you move into a poor reception areas during communications.
- Since this product uses radio waves, the possibility of communication intercepts by third parties cannot be eliminated. (Though the LTE/CDMA/GSM/UMTS system has highly secure confidential communication features.)
- The product is compatible with the international roaming service. Each network service varies depending on the area and service content.
  For details, refer to "auのネットワークサービス・海外利用" (au Network Services/International Roaming) described in "Instruction Manual application" (Japanese) or "Full Instruction Manual" (Japanese) available on the au homepage.
- Since the product is a radio station under the Radio Law, you may be asked to temporarily submit the product for inspection in accordance with the Radio Law.
- The IMEI information of your cell phone is automatically sent to KDDI CORPORATION for maintenance and monitoring operational status of your cell phone.
- Since the battery is built into the product, you cannot replace it yourself. For replacing the battery, contact an au shop or Customer Service Center.
- Take care not to inconvenience people around you when you use the product in a public place.

- If you are using the product overseas, check the relevant laws and regulations of the country/region you visit.
- When the product is used by a child, parents or guardians should thoroughly read the "Basic Manual" (this manual) or "Notes on Usage"/"Setting Guide"/ "Full Instruction Manual" (Japanese) available on the au homepage and teach the child how to use it.

Cell Phone Etiquette

■ Use of cell phones is not allowed in the following places!

- Do not use a cell phone while driving a car or riding a motorbike or bicycle. It may 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.
- Be sure to turn off the product while you are aboard an airplane. Otherwise, safety of your flight may be compromised.

List of Packaged Items

Before you start using the product, make sure that you have all the following packaged items with the product.
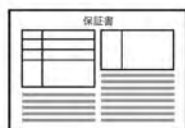
Warranty
(Japanese)

SHL25

- 取扱説明書 (Basic Manual) (Japanese)
- ご利用にあたっての注意事項 (Notes on Usage) (Japanese)
- 設定ガイド (Setting Guide) (Japanese)

The following items are not included in the package.

- microSD memory card
- AC adapter
- Earphone
- microUSB cable

- Purchase a specified charger (sold separately).
- Illustrations of cell phones in this manual are only for reference. They may look different from the actual product.

◎ The battery is built into the product.

Using au Disaster Countermeasure Application

au Disaster Countermeasure is an application in which you can use Disaster Message Board, Emergency Rapid Mail (Earthquake Early Warning, Disaster and Evacuation Information, and Tsunami Warning), Disaster Voice Messaging Service and Disaster Information/Donation website.

1 **On the home screen, [APPS] → [au災害対策] (au Disaster Countermeasure).**
The au Disaster Countermeasure menu is displayed.

■ Using Disaster Message Board

Disaster Message Board is a service to enable customers in disaster areas to register their safety information via LTE NET when large-scale disasters, such as an earthquake whose Japan seismic scale is approximately 6-lower or more, occur. The registered safety information can be checked by customers using au phones, and also from other carriers' cell phones, PCs, etc.
For details, refer to "Disaster Message Board Service" on the au homepage.

1 **From the au Disaster Countermeasure menu, [災害用伝言板] (Disaster Message Board).**
Follow the on-screen instructions for registration/confirmation.

◎ To register the safety information, an e-mail address (～ezweb.ne.jp) is required. Set the e-mail address in advance.
◎ Deletion of the safety information and configurations for Safety Notification Mail are not available during wireless LAN (Wi-Fi®) connection.
◎ The Company does not guarantee the quality of this service. The Company, regardless of the cause, shall not be liable for any problems related to registration of safety information due to the concentration of access to this service or equipment errors, any loss due to the damage, ruination, etc. of safety information or any loss arising from registered safety information.

■ Using Emergency Rapid Mail

Emergency Rapid Mail is a service to collectively deliver Earthquake Early Warning and Tsunami Warning provided by the Japan Meteorological Agency, and Disaster and Evacuation Information provided by the national government or the local governments to au phones in the specified areas.

- At the time of purchase, receiving setting of Emergency Rapid Mail (Earthquake Early Warning, and Disaster and Evacuation Information) is set to "受信する" (Receive). You can receive Tsunami Warning by setting 災害・避難情報 (Disaster and Evacuation Information).
When receiving Earthquake Early Warning, secure your safety and act composedly according to the surrounding situations.
When receiving Tsunami Warning, leave sea coasts immediately and evacuate to safe places such as hills and strongly-built tall buildings.

1 **From the au Disaster Countermeasure menu, [緊急速報メール] (Emergency Rapid Mail).**
The inbox is displayed.
Select a mail to check to display the details of the mail.

削除 (Delete)	Delete received mails.
設定 (Settings)	緊急地震速報 (Earthquake Early Warning) Set whether to receive Earthquake Early Warning. • Tap [受信する] (Receive)/[受信しない] (Not receive) → [OK]. 災害・避難情報 (Disaster and Evacuation Information) Set whether to receive Disaster and Evacuation Information, and Tsunami Warning. • Tap [受信する] (Receive)/[受信しない] (Not receive) → [OK]. 音量 (Volume) Set the volume of the receiving sound. バイブ (Vibrator) Set whether to activate the vibrator at the time of reception. マナー時の鳴動 (Linkage to the manner mode) Set whether to notify you with the manner mode settings applied in the manner mode. 緊急地震速報 (Earthquake Early Warning) Check the receiving sound and vibration of the product for Earthquake Early Warning. 災害・避難情報 (Disaster and Evacuation Information) Check the receiving sound and vibration of the product for Disaster and Evacuation Information, and Tsunami Warning.

◎ This service is available only in Japan (Not available overseas).
◎ Emergency Rapid Mail is free of both information charges and communication charges.
◎ Emergency Rapid Mail cannot be received while the power is turned off or during a call.
◎ Emergency Rapid Mail may not be received during communication such as while sending and receiving e-mails/SMSs and while using the browser or when you are in a place where the signal cannot be received (e.g. tunnels and basements) or the signal is weak, even within the service area.
◎ Emergency Rapid Mail which failed to be received will not be able to be received again.

◎ When you receive Emergency Rapid Mail, you will be notified by the dedicated alarm tone and the vibrator. The alarm tone cannot be changed.
  * When you receive Earthquake Early Warning, you will be notified by the alarm tone, voice ("地震です" (Jishin-desu)) meaning that an earthquake has occurred and the vibrator.
◎ Information intended for the areas of other than your present location may be received.
◎ As for this service, the Company shall not be liable for any damage incurred on the users resulted from failure or delay of information delivery due to communication disturbance or system failure, contents of the information or other problems that are not supposed to be blamed on the Company.
◎ For details on Earthquake Early Warning and Tsunami Warning provided by the Japan Meteorological Agency, refer to the agency's homepage.
http://www.jma.go.jp/jma/indexe.html

Earthquake Early Warning
◎ Earthquake Early Warning notifies areas where a strong shaking (Japan seismic scale 4 or more) is expected when an earthquake whose maximum Japan seismic scale is predicted of 5-lower or more has been detected.
◎ This service detects an earthquake (P-wave, preliminary tremors) near the seismic center immediately after the earthquake occurs and automatically calculates its location, scale and predicted strength of the shaking. After that, you will be notified of the earthquake as soon as possible within a few seconds to dozens of seconds before a strong shaking from the earthquake (S-wave, principal shock) occurs.
◎ In the vicinity of the seismic center, a strong shaking may reach you before Earthquake Early Warning.
◎ The Earthquake Early Warning distribution system provided by this service is different from that provided by TV, radio and other communication media and thus the arriving time of Earthquake Early Warning may be different among those media.

Tsunami Warning
◎ Tsunami Warning notifies areas including target sea coasts of Major Tsunami Warning and Tsunami Warning provided by the Japan Meteorological Agency.

Disaster and Evacuation Information
◎ Disaster and Evacuation Information notifies information related to the safety of citizens, such as evacuation advisories, evacuation orders or various alarms delivered by the national government or the local governments.

■ Using Disaster Voice Messaging Service
Disaster Voice Messaging Service is a service to record voices with a smartphone and deliver them as a voice message to people to whom you want to deliver the information that you are safe when large-scale disasters occur.

1 **From the au Disaster Countermeasure menu, [災害用音声お届けサービス] (Disaster Voice Messaging Service).**
Follow the on-screen instructions.

◎ To use this service via Wi-Fi®, making initial settings via LTE/3G networks is required.
◎ Voice messages can be recorded for up to 30 seconds.
◎ Voice messages can be exchanged among au phones as well as other carriers' cell phones and PHS devices.
◎ Voices may not be heard when the media sound volume is set to low.
◎ When no free space is left on the internal memory, voice messages may not be saved or played.
◎ Some cell phones cannot receive voice messages. For details, refer to the au homepage.

■ Using Disaster Information/Donation Website
You can check the histories of Disaster and Evacuation Information delivered by the local governments, Disaster Information portal and donation website.
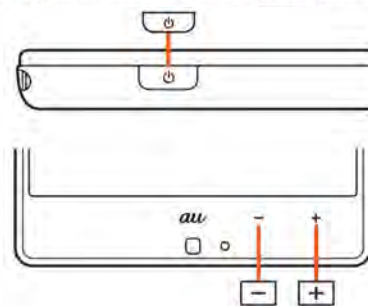
1 **From the au Disaster Countermeasure menu, [災害情報/義援金サイト] (Disaster Information/Donation website).**
Select an item to check.

Illustrations and Descriptions in This Manual

■ Note on Key Illustrations
In this manual, the key illustrations are simplified as shown below.

■ Description of Operations for Selecting Item/Icon/Key etc.
In this manual, operation procedures are described as below.

Description	Explanation
On the home screen, [APPS] → [Phone] → Enter "141" → [Call].	Tap "APPS" at the top of the 3-Line Home screen and tap " Phone". Then tap in order of " 1 ", " 4 " and " 1 ". Lastly, tap " Call ".
(hold down for at least 2 seconds).	Hold down for at least 2 seconds.

* Tapping is to select a key or icon displayed on the screen by lightly tapping it with your finger.

■ Notes on Illustrations/Screenshots
The screenshots in this manual are simplified and may look different from the actual screens. Also, part of the screen may be omitted.

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

Actual screen   **In this manual**

◎ Explanations of this manual are based on the case when the color of the main unit is "Pink" as an example.
◎ Explanations of this manual are based on the case when the product is held vertically. If you hold it horizontally, menu items/icons/on-screen keys etc. may be different.
◎ Menu items, layers and icons described in this manual may be different according to functions being used and conditions.
◎ In this manual, "microSD™ memory card (commercially available)", "microSDHC™ memory card (commercially available)" and "microSDXC™ memory card (commercially available)" are abbreviated as "microSD memory card" or "microSD".
◎ All of the indicated amounts exclude tax unless otherwise specified.

Names and Functions of Parts

■ Front/Right Side
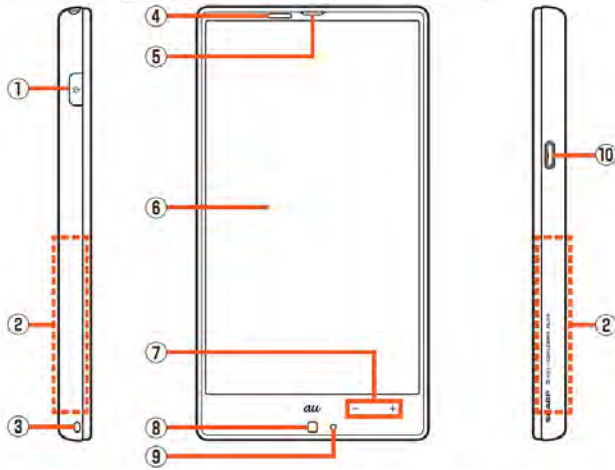
① ⊙ **Power key**
Turn the screen on/off.
Hold it down to turn on/off the power, set the manner mode, etc.

② Grip sensor

③ **Strap eyelet**

④ **Proximity sensor/Light sensor**

⑤ **Earpiece (Receiver)**

⑥ **Display (Touch panel)**

⑦ + − **Volume up/down key**

⑧ **In camera lens**

⑨ **Charging/Incoming indicator**

⑩ **External connection jack**

■ Back/Top and Bottom

⑪ **TV antenna**

⑫ IrDA port

⑬ GPS antenna

⑭ FeliCa mark

⑮ Speaker

⑯ WiFi/Bluetooth antenna

⑰ Mic

⑱ Main camera

⑲ Mobile light

⑳ Au Nano IC Card(LTE)/microSD memory kard cover

㉑ IMEI tray

㉒ Earphone/Mic jack

㉓ TV antenna

㉔ microSD memory card slot

㉕ Au Nano IC Card(LTE) tray slot

㉖ Mouthpiece(Microphone)

◎ The back cover of the product cannot be removed. Removing it forcibly may cause damage or a fault.

◎ The battery is built into the product, and cannot be removed by the customer. To force the power off, refer to "Turning the Power Off Forcibly" (▶P.14).

TV antenna, Wi-Fi®/Bluetooth® antenna, internal antennas, GPS antenna

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

Using the au Nano IC Card (LTE)

■ au Nano IC Card (LTE)

The au Nano IC Card (LTE) records your personal information such as phone numbers.

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 phones and smartphones instead.
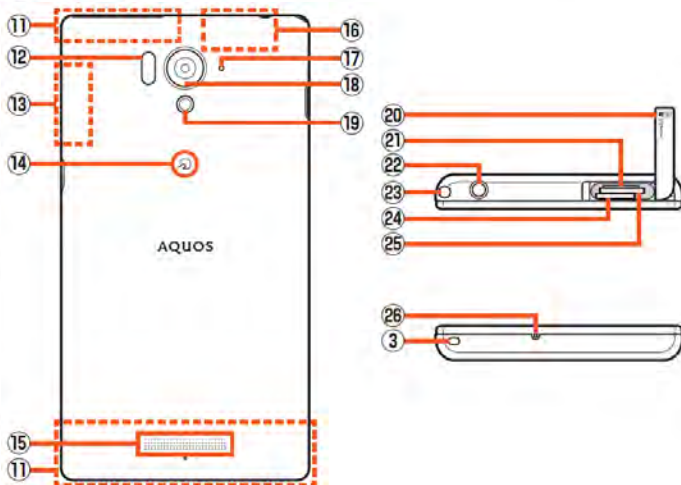
au Nano IC Card (LTE)

IC (metal) part

◎ Make sure to unplug the microUSB plug of the common AC adapter 04 (sold separately) etc. from the product when attaching or removing the au Nano IC Card (LTE).
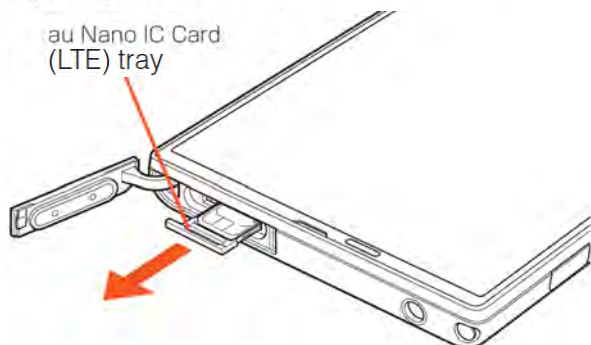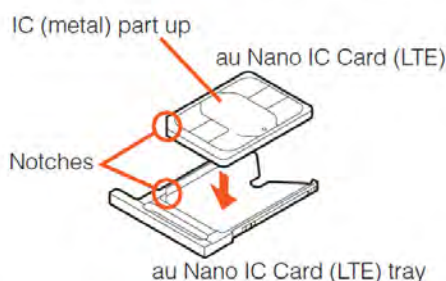
Attaching the au Nano IC Card (LTE)

Before attaching the au Nano IC Card (LTE), turn the product off and remove the microSD memory card.

1 **Open the au Nano IC Card (LTE)/microSD memory card cover.**

2 **Slowly pull the au Nano IC Card (LTE) tray straight out by hooking a finger on it.**
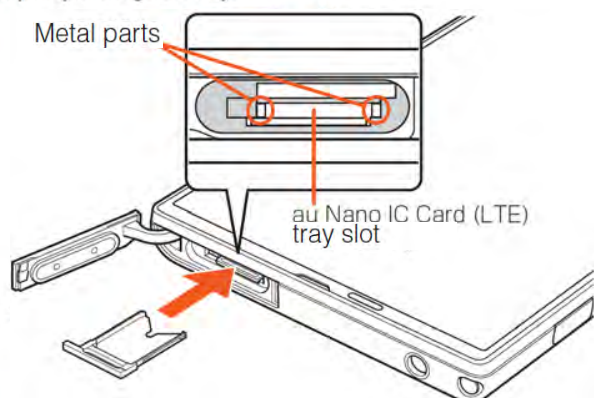
au Nano IC Card
(LTE) tray

3 **Put the au Nano IC Card (LTE) on the au Nano IC Card (LTE) tray.**

Make sure the notches on the au Nano IC Card (LTE) and au Nano IC Card (LTE) tray face the proper orientation and put the card slowly on the tray.

IC (metal) part up

au Nano IC Card (LTE)

Notches

au Nano IC Card (LTE) tray

4 **Slowly insert the au Nano IC Card (LTE) tray into the au Nano IC Card (LTE) tray slot, taking care not to let the tray be caught on the metal parts on both sides of the slot.**

Confirm the position of the au Nano IC Card (LTE) tray slot and the orientation of the au Nano IC Card (LTE) tray carefully, and insert the tray all the way into the slot in the direction of the arrow. Inserting the tray forcibly may damage the tray.
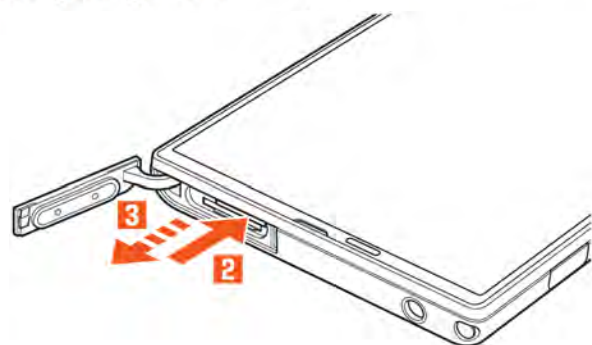
Metal parts

au Nano IC Card (LTE)
tray slot

5 **Close the au Nano IC Card (LTE)/microSD memory card cover.**

◎ Inserting the au Nano IC Card (LTE) tray not deeply enough may prevent the product from functioning properly.
◎ Take care not to lose or damage the removed au Nano IC Card (LTE) tray.

Removing the au Nano IC Card (LTE)

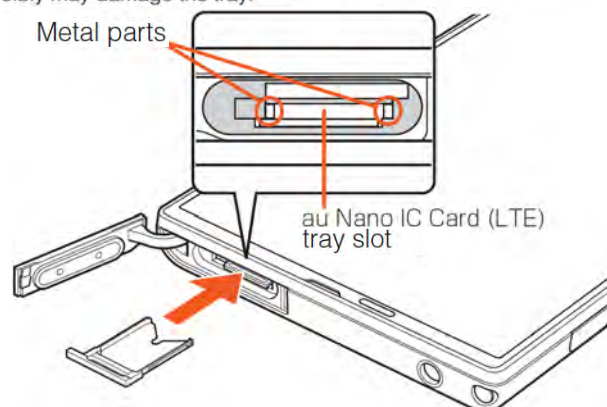Before removing the au Nano IC Card (LTE), turn the product off and remove the microSD memory card.

1 **Open the au Nano IC Card (LTE)/microSD memory card cover.**

2 **Slowly pull the au Nano IC Card (LTE) tray straight out by hooking a finger on it.**

3 **Remove the au Nano IC Card (LTE) from the au Nano IC Card (LTE) tray.**

4 **Slowly insert the au Nano IC Card (LTE) tray into the au Nano IC Card (LTE) tray slot, taking care not to let the tray be caught on the metal parts on both sides of the slot.**

Confirm the position of the au Nano IC Card (LTE) tray slot and the orientation of the au Nano IC Card (LTE) tray carefully, and insert the tray all the way into the slot in the direction of the arrow. Inserting the tray forcibly may damage the tray.

Metal parts

au Nano IC Card (LTE)
tray slot

5 **Close the au Nano IC Card (LTE)/microSD memory card cover.**

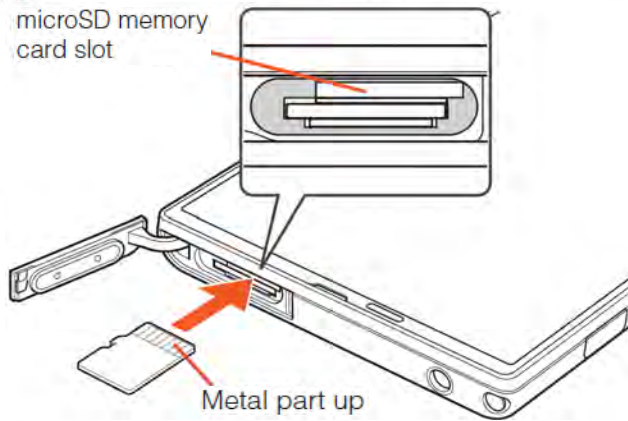## Using a microSD Memory Card

Attaching a microSD Memory Card

Before attaching a microSD memory card, turn the product off.

1 Open the au Nano IC Card (LTE)/microSD memory card cover.

2 Slowly insert the microSD memory card into the microSD memory card slot.

Confirm the orientation for inserting, then insert in the direction of the arrow until it clicks and is locked.

Releasing the microSD memory card before it is locked may cause it to pop out.

microSD memory card slot

Metal part up

3 Close the au Nano IC Card (LTE)/microSD memory card cover.

◎ Make sure that the top/bottom and front/rear 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 or result in damage.
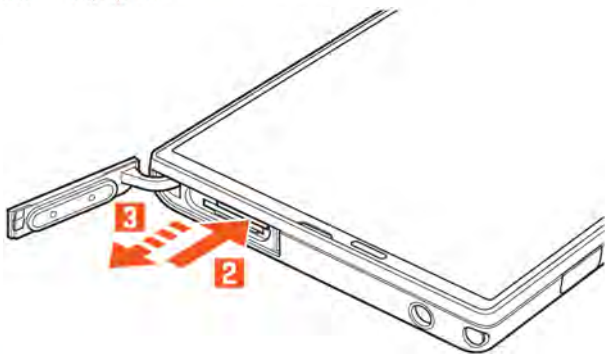◎ Do not touch the terminal part of a microSD memory card.

Removing the microSD Memory Card

Before removing the microSD memory card, turn the product off.

1 Open the au Nano IC Card (LTE)/microSD memory card cover.

2 Slowly push the microSD memory card in all the way.

After it clicks, let the microSD memory card come back out a little without releasing it. Releasing the card when it is pushed deeply into the slot may cause it to pop out.

3 Slowly pull the microSD memory card straight out.

4 Close the au Nano IC Card (LTE)/microSD memory card cover.

◎ Do not remove the microSD memory card forcefully. Doing so may result in damage or data loss.
◎ The microSD memory card may become warm after a long time use, but this is not a fault.
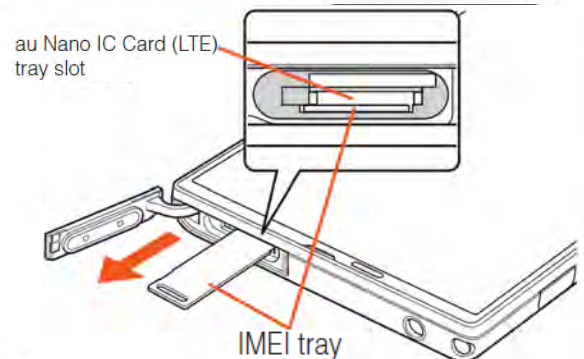
Checking the IMEI

An IMEI (international mobile station equipment identity) is a special identification code assigned to each phone. You can pull the IMEI tray out to confirm the IMEI of the product.

1 Turn the product off and remove the microSD memory card.

2 Slowly pull the IMEI tray straight out by hooking a finger on it.

au Nano IC Card (LTE) tray slot

IMEI tray

◎ The IMEI is information required when requesting servicing or repairs.
◎ The IMEI tray cannot be removed from the main unit. Take care not to apply force when handling.
◎ You can also operate the product to confirm the IMEI.
On the home screen, tap [APPS] → [Settings] → [Device info] → [Status] and confirm the IMEI field.

Charging

Charging

When you purchase the product, the internal battery is not fully charged. Be sure to charge the internal battery before use.

• If the performance of the battery does not recover (e.g. the usable time after each charge has become extremely short), the internal battery may be at the end of service life. On the home screen, tap [APPS] → [Settings] → [Device info] → [Status] → [Battery status] to check the charging performance of the internal battery.

• While charging, the charging/incoming indicator illuminates in red, and the battery icon is displayed with ⚡ superimposed. When the battery is charged to approximately 95%, the charging/incoming indicator illuminates in green. When charging is finished, the charging/incoming indicator goes out.

◎ Depending on the operation procedure and usage environment, the temperature inside the product may get high and the product may even get heated. In such case, charging may stop for security reasons.
◎ Charging the internal battery while using the camera function etc. may lengthen the charging time.
◎ If you perform various operations with a specified charger (sold separately) connected to the product, charging/discharging may take place repeatedly in a short time. Frequently charging the internal battery shortens its service life.
◎ If you charge the internal battery when the battery has run out, the charging/incoming indicator may not illuminate soon. However, charging is in progress.
◎ If the charging/incoming indicator flashes in red, force the power off (▶ P. 14) and turn the product on again. If the indicator continues to flash, stop charging the internal battery and contact an au shop or the Keitai Guarantee Service Center.
◎ If you stop charging while the charging/incoming indicator still illuminates during charging, the cell phone may be left not fully charged even if 🔲 is displayed on it. In such case, the usage times shorten.
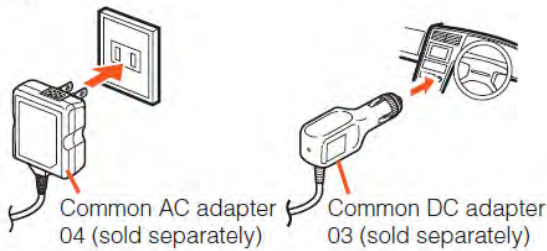
Charging with the Specified AC Adapter (Sold Separately)/Specified DC Adapter (Sold Separately)

The followings are the explanation of how to connect the common AC adapter 04 (sold separately)/common DC adapter 03 (sold separately) to charge. For details on the specified AC adapter (sold separately)/specified DC adapter (sold separately), refer to "Introduction of Peripheral Devices" (▶P.19).

1 Confirm the direction of the microUSB plug of the common AC adapter 04 (sold separately)/common DC adapter 03 (sold separately) and insert it in the direction of the arrow to the external connection jack of the product.

Protruding edges

External connection jack

Common AC adapter 04 (sold separately)/ Common DC adapter 03 (sold separately)
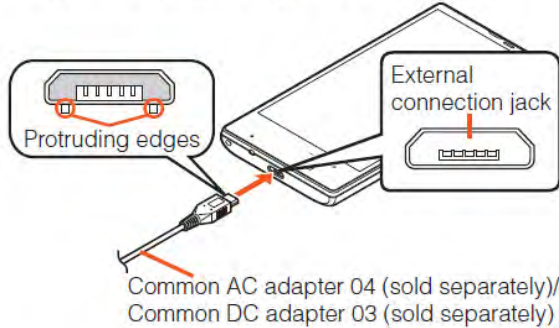
2 Plug the common AC adapter 04 (sold separately) power plug into a 100 V AC power outlet/Plug the common DC adapter 03 (sold separately) plug into a cigarette lighter socket.


Common AC adapter 04 (sold separately)

Common DC adapter 03 (sold separately)

3 When charging is finished, pull the microUSB plug of the common AC adapter 04 (sold separately)/common DC adapter 03 (sold separately) straight out from the external connection jack of the product.

4 Unplug the common AC adapter 04 (sold separately) power plug from the power outlet/Unplug the common DC adapter 03 (sold separately) plug from the cigarette lighter socket.

◎ Although you can charge the internal battery while the power is turned on, charging time lengthens.

Charging with a PC

The followings are the explanation of how to charge the internal battery by connecting the product to a USB port of a PC through which the battery can be charged.

1 Connect the microUSB cable 01 (sold separately) to a USB port of a PC after the PC is activated completely.


External connection jack

USB port of a PC

microUSB cable 01 (sold separately)

Protruding edges
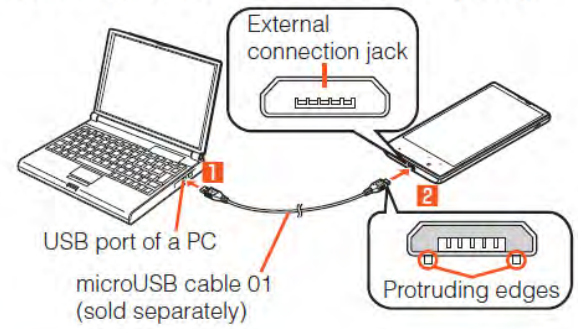
2 Connect the microUSB cable 01 (sold separately) to the product after the product is activated completely.

◎ If you use the microUSB cable to charge the internal battery, it may take the internal battery longer to be fully charged than if you use the specified AC adapter (sold separately).

◎ Turn the protruding side of the microUSB plug down and insert the microUSB plug to the external connection jack of the product straightly. Inserting the microUSB plug in the wrong direction may result in damage to the external connection jack of the product.

◎ The product is turned on when it is connected to a PC while the power is turned off.

◎ If you charge the internal battery when the battery has run out, the charging/incoming indicator may not illuminate. In such case, use the specified AC adapter (sold separately) for charging.

Turning the Power On/Off

■ Turning the Power On

1 ⏻ (hold down for at least 2 seconds).

◎ The initial setting of the touch panel will be executed until "AQUOS PHONE" disappears from the screen after the power is turned on. Do not touch the screen, otherwise touch panel operations may not be performed properly.

■ Turning the Power Off

1 ⏻ (hold down for at least 2 seconds).

**2** [Power off] → [OK].

■ Restarting the Product

You can restart the product after turning it off.

1 ⏻ (hold down for at least 2 seconds).

2 [Reboot] → [OK].

■ Turning the Power Off Forcibly

You can force the product to turn off if the screen freezes or you are unable to turn the product off.

1 ⏻ (hold down for at least 8 seconds).
Release your finger after the product vibrates to turn the power off.

◎ If the power is turned off forcibly, unsaved data will be deleted. Do not turn the power off forcibly unless you cannot operate the product.

■ Booting in Safe Mode

Turn the product off then boot it in a state close to that at time of purchase. If operation of the product is unstable, it may be due to applications installed after purchasing the product. If symptoms improve when booted in safe mode, uninstalling the applications you installed may remedy symptoms.

1 ⏻ (hold down for at least 2 seconds).

2 Long touch "Power off" → [OK].
"Safe mode" is displayed at the bottom of the screen when the product is booted in safe mode.
To end safe mode, reboot the product.

◎ When the product is turned off, you can boot it in safe mode by ⏻ (hold down for at least 2 seconds) to turn it on, and then long touching "▭" until the Welcome Sheet (Lock Screen) is displayed after the au logo disappears.
◎ It is recommended that you back up your data on the product before booting in safe mode.
◎ Widgets that you yourself created may be deleted.
◎ Safe mode is not a normal state for the product to be booted in. End safe mode before normal use.

Turning the Screen On/Off

If you press ⏻ or no operation is made for a specified time, the screen is turned off.

■ Turning the Screen On

1 ⏻ while the screen is turned off.

◎ When you put the product in your pocket, bag, etc., turn the screen off. Putting the product in while the screen is turned on may cause inadvertent operations.

Welcome Sheet (Lock Screen)

The Welcome Sheet (Lock Screen) is displayed if you turn the screen on.

《Welcome Sheet (Lock Screen)》

Slide "🔒" to the bottom of the screen to unlock.
Tap, long touch or slide "🔒" up to display "Video tutorial", "Welcome sheet setting" and shortcuts.
① **Wallpaper**
② **Owner info key**
Tap to display texts according to items set for "Owner info" in "Lock & Security".
③ **Info Area**
Flick to the left/right to switch the weather, stock prices information, widgets, media information and date and time.

Switching the Display Language to English

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

1 On the home screen, [アプリ] (APPS).

2 [設定] (Settings).

3 [言語と文字入力] (Language & input).

4 [言語(Language)を選択] (Select language).

5 [English].

Using the 3-Line Home

The 3-Line Home is a home screen which consists of the Apps Sheet, the Widgets Sheet and the Shortcuts Sheet. You can use the function by tapping an icon/a widget/shortcut on each sheet.

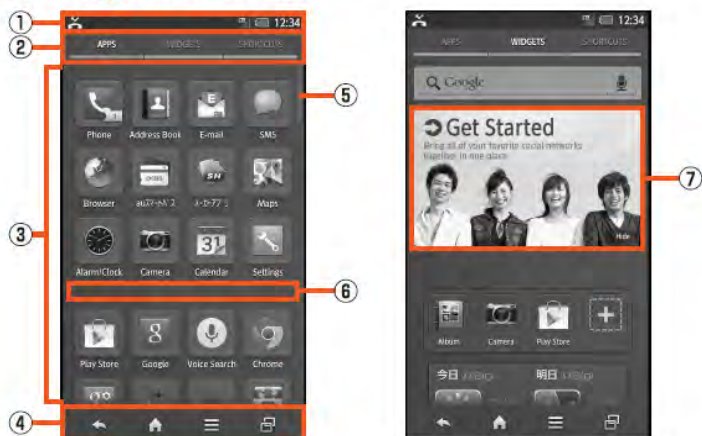- You can switch each sheet by tapping "APPS", "WIDGETS" or "SHORTCUTS" on the Sheet Switcher, or sliding/flicking the home screen to the left/right.

Switching sheets

《Apps Sheet》 《Widgets Sheet》 《Shortcuts Sheet》

■ Viewing the 3-Line Home

① **Status bar**
② **Sheet Switcher**

Long touch Sheet Switcher, drag it to the destination and release your finger to move it.

③ **Apps Sheet/Widgets Sheet/Shortcuts Sheet**
④ **Navigation Bar**
⑤ **Scroller**

Displayed when the screen is scrolled. You can scroll the screen by sliding the displayed scroller up/down.

⑥ **Separator**

Pinch out vertically on the home screen to add a separator. You can delete the separator by pinching it in vertically.

⑦ **Social Board**

Confirm information for registered SNS.

◎ A separator cannot be added if there are no applications, etc. between separators.

■ Arranging the Home Screen

1 **When the top of any sheet of the home screen is displayed, slide the sheet down.**

Alternatively, tap "▤" on any sheet.

2 **[Home settings].**

Using the Status Bar

■ Icons

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

■ Main Notification Icons

Icon	Description
	Missed call
	New mail message (E-mail)
	New mail message (SMS)
	New mail message (PC-mail)
	New mail message (Gmail)
	Making a call, talking, receiving a call
	Call on hold
	Answering memo
	Space on the internal memory available less than approx. 275 MB
	Reading the internal memory/a microSD memory card
	Installation of application completed, update available
	Software update available
	Icons collected

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

■ Main Status Icons

Icon	Description
12:34	Time
~	Battery level ~ : Battery level display : No battery • While charging, the battery icon is displayed with ⚡ superimposed.
✈	Airplane mode set
~	Signal strength (Receiving electric field) ~ : Level display : Out of service area • The icon indicating network is displayed at the upper left. • During a communication, the icon is displayed with ⇕ superimposed.
	Manner mode status : Standard manner mode : Drive manner mode : Silent manner mode
	During a call using hands-free
	Microphone set to "Mute" during a call
	Answering memo set : No Answering memo : Answering memo (one to nine entries) : Answering memo (ten entries)

Using the Notification/Status Panel

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

1 Slide the status bar down.

《Notification/Status panel》

① **Function buttons**
Switch settings of the frequently used function by one touch.
② **Function button displaying/hiding bar**
Tap it to display/hide function buttons on the second and subsequent row.
③ **Music controller**
Play music with LISMO.
④ **Notification area**
Check the status of the product and contents of notifications. Depending on the information, you can pinch out/pinch in to enlarge/shrink notifications or tap notifications/functions to activate a corresponding application.
• Flick a notification to the left/right to delete it. You may not be able to delete a notification depending on the notification.
⑤ **Settings key**
Tap it to make various settings for the product.
⑥ **Rearrange key**
Sort function buttons.
⑦ **Clear**
Tap it to clear all the notifications. You may not be able to delete a notification depending on the notification.
⑧ **Close bar**
Slide it up to hide the notification/status panel.

Switching Input Methods

You can switch input methods for character entry.
• Following operation explanations use "Japanese - iWnn IME - SH edition".

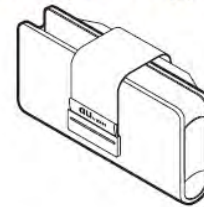**1** While the keyboard is displayed, open the notification panel.

2 [Choose input method] → [English (US)]/[Japanese].

Switching Software Keyboards

**1** On the character entry screen, [🔧] → [Change input UI] → [Set QWERTY keyboard]/[Set 12 keyboard].

Introduction of Peripheral Devices

■ **au Carrying Case F Black (0105FCA) (sold separately)**
au Carrying Case G Black (0106FCA) (sold separately)

au Carrying Case F Black

■ **Common AC Adapter 03 (0301PQA) (sold separately)**
Common AC Adapter 04 (0401PWA) (sold separately)
Common AC Adapter 03 Navy (0301PBA) (sold separately)
Common AC Adapter 03 Green (0301PGA) (sold separately)
Common AC Adapter 03 Pink (0301PPA) (sold separately)
Common AC Adapter 03 Blue (0301PLA) (sold separately)
AC Adapter JUPITRIS (White) (L02P001W) (sold separately)
AC Adapter JUPITRIS (Red) (L02P001R) (sold separately)
AC Adapter JUPITRIS (Blue) (L02P001L) (sold separately)
AC Adapter JUPITRIS (Pink) (L02P001P) (sold separately)
AC Adapter JUPITRIS (Champagne) (L02P001N) (sold separately)
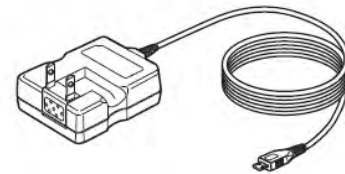
Common AC adapter 04

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

■ **Common DC adapter 03 (0301PEA) (sold separately)**
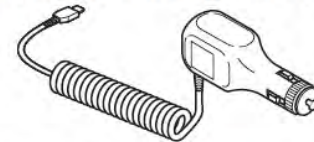
■ **Portable charger 02 (0301PFA) (sold separately)**
■ **microUSB cable 01 (0301HVA) (sold separately)**
microUSB cable 01 Navy (0301HBA) (sold separately)
microUSB cable 01 Green (0301HGA) (sold separately)
microUSB cable 01 Pink (0301HPA) (sold separately)
microUSB cable 01 Blue (0301HLA) (sold separately)

◎ For the latest information about available peripheral devices, check the au homepage (**http://www.au.kddi.com/english/**) or contact Customer Service Center.
◎ The product does not support ASYNC/Fax transmission.
◎ The above-mentioned peripheral devices can be purchased from au Online Shop.
http://auonlineshop.kddi.com/

Troubleshooting

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

Trouble	Detail
Battery usage time is short.	• Make sure you do not often use the product in places where ▒ (out of service area) is displayed. (▶P. 17) • Make sure the internal battery does not approach the end of its service life. Check the battery status. (▶P. 11) • Is the internal battery charged enough? (▶P. 11) • Suspend the functions not being used. (▶P. 18)
Cannot make calls.	• Is an au Nano IC Card (LTE) inserted? (▶P. 7) • Is the power turned on? (▶P. 14)
Cannot receive calls.	• Is reception good enough? (▶P. 17) • Is the product within the service area? (▶P. 17) • Is the power turned on? (▶P. 14) • Is an au Nano IC Card (LTE) inserted? (▶P. 7)
Cannot hear the other party.	• Make sure you are not covering the earpiece with your ear. Place the earpiece over your earhole.
Cannot recognize a microSD memory card/ Cannot find target data.	• Is a microSD memory card inserted properly? (▶P. 10) • Make sure data is not saved on the internal memory. Data can be saved on the internal memory besides a microSD memory card.
Cannot operate the keys/touch panel.	• Turn off the power and then turn it on. • Is the power turned on? (▶P. 14)
Cannot charge the battery.	• Is the power plug of the specified charger (sold separately) securely plugged into an outlet or a cigarette lighter socket? (▶P. 11)
Cannot turn on the power.	• Is the internal battery charged? (▶P. 11) • Did you hold ⏻ down? (▶P. 14)
Cannot operate/The screen does not respond/Cannot turn off the power.	• You can force the power off by holding down ⏻ for at least 8 seconds and releasing your finger after the product vibrates. Turn the product on again after a while. (▶P. 14)
Cannot operate the touch panel as intended.	• Make sure you are not operating with hands wearing gloves etc. • Make sure you are not operating with the tip of a fingernail or with foreign object between the screen and your fingers. • Restart the product. (▶P. 14)
Screen response is slow when you tap on the screen/press the keys.	• Screen response may be slowed down when a large amount of data is stored in the product or being transmitted between the internal memory and a microSD memory card.
auIC card(UIM) error. is displayed.	• Is an au Nano IC Card (LTE) inserted? (▶P. 7)
The power is turned off automatically.	• Make sure the battery has not run out. (▶P. 11)
The power is turned off while the wake-up logo is displayed.	• Make sure the battery has not run out. (▶P. 11)
▒ (out of service area icon) is displayed.	• Is reception good enough? (▶P. 17) • Is the product within the service area? (▶P. 17) • Is your hand off the area around the internal antenna? (▶P. 7)
A message indicating that charging is necessary is displayed.	• The battery is almost empty. (▶P. 11)
When making a call, a beeping sound is heard from the earpiece and a connection cannot be established.	• Is reception good enough? (▶P. 17) • Is the product within the service area? (▶P. 17) • The wireless line is busy or the other party is on another line. Try again later.

If symptoms do not improve after checking each of the above, information is provided through au Customer Support on the au homepage below.
http://www.au.kddi.com/english/support/

Updating Software

The product supports the software update.

1 **On the home screen, [APPS] → [Settings] → [Device info] → [Software update].**

2

Software update	Check whether software update is necessary or not. The confirmation starts when you tap "Yes". When it is necessary, you can download data for software update.
Auto-check settings	Set whether to regularly check presence of data for software update available.

■ Notes on Software Update

• You are charged for data communication when connecting to the Internet from the 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 (call toll-free 157). In addition, users of the SHL25 will receive a notice from au, when software update is necessary to improve the functionality of the SHL25.
• It is recommended to back up your data before updating software.
• If the software update is performed, the product will restart before and after the update.
• If the software update has failed or stopped, perform the same procedures again.
• If the software update fails, it may become impossible to operate the product. If this happens, bring it to an au shop or PiPit (not accepted by some shops).
• Charge the battery sufficiently before starting update. If the battery level is insufficient or the battery runs out during the update, the software update will fail.
• Check out the signal reception status. The software update may fail if the product is in a place with bad signal reception status.
• Various data registered on the product (address books, mails, still pictures, music data, etc.) and information of settings will not be changed even after software is updated. However, note that data may not be protected depending on the state of the product (fault, damage, getting wet with water, etc.).
• After software is updated, the download of next update software may automatically start (consecutive update).
• The software update is not available during international roaming.
Do not conduct the following operations during the software update
• Do not move during software update.
The following operations are not available during the software update
• Operations are not available during software update. Making a call to 110 (Police), 119 (Fire and Ambulance), 118 (Regional Coast Guard Headquarters) or 157 (Customer Service Center) is not available either. Also, the alarm etc. does not function.

After-Sales Service

■ When Asking for Repair

For repair, contact Keitai Guarantee Service 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.

◎ Before handing in the product for repair, make a backup of the contents of memory since they may disappear during repair. Note that the Company shall not be liable for any damages and loss of income should the contents of memory be altered or lost.

◎ Recycled parts that meet the Company's quality standards are sometimes used for repair.

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

■ Performance Parts for Repair

The Company retains performance parts for repair of the SHL24 main unit and its peripheral devices 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.

■ Keitai Guarantee Service Plus LTE

An after-sales service membership program on a monthly basis called "Keitai Guarantee Service Plus LTE" (monthly fee: 380 yen, tax excluded) is available for using your au cell phone for a long time without worries.

This service expands coverage for many troubles including malfunction, theft and loss. For details of this service, check on the au homepage or contact Keitai Guarantee Service Center.

◎ You can apply for membership only at the time of purchasing your au cell phone.

◎ Once you cancel the membership, you cannot reapply for it until you purchase an au cell phone next time.

◎ Note that when changing the model or purchasing an extra cell phone, this service only covers the most recently purchased au cell phone.

◎ When an au cell phone is handed over to you or someone else, the "Keitai Guarantee Service 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, purchasing an extra cell phone, etc., the "Keitai Guarantee Service Plus" or "Keitai Guarantee Service 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 counter.

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

From a fixed-line phone, 📞 **0077-7-113** (toll free)

From an au cell phone, **113** without area code (toll free)

Keitai Guarantee Service Center (for loss, theft or damage)

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

📞 **0120-925-919** (toll free)

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

■ au After-Sales Service Information

Service contents	Keitai Guarantee Service Plus LTE member	Non-Keitai Guarantee Service Plus LTE member
Replacement cell phone delivery service (spontaneous failure: 1st year)	Free	N/A
Replacement cell phone delivery service (spontaneous failure: 2nd year and later)	Customer charge 1st: 5,000 yen 2nd: 8,000 yen	N/A
Replacement cell phone delivery service (partial damage, water soak, irreparable damage, theft and loss)	Customer charge 1st: 5,000 yen 2nd: 8,000 yen	N/A
Holding over and repair (spontaneous failure: 1st year)	Free	Free
Holding over and repair (spontaneous failure: 2nd year and later)	Free (three-year warranty)	Actual cost
Holding over and repair (partial damage)	Customer charge Upper limit: 5,000 yen	Actual cost
Holding over and repair (water soak and irreparable damage)	Customer charge 10,000 yen	Actual cost
Holding over and repair (theft and loss)	N/A	N/A (By model replacement)

* Charge amounts are all tax excluded.

Replacement cell phone delivery service

◎ When you have trouble with your au cell phone, you can have a cell phone for replacement (same model and color as your old one) delivered to any destination that you specify by calling us. Please return your old faulty au cell phone within 14 days after the cell phone for replacement is delivered to you.

◎ You can use this service up to twice within one year starting from the day when you first use this service. If you have not used this service over the past one year at the time of your application for this service, the application will be regarded as your first time. If you have, the application will be regarded as your second time.

* For details, check on the 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

Display	Approx. 5.2 inches, approx. 16.77 million colors, IGZO, 1,080×1,920 (FHD)
Weight	Approx. 142 g (including the internal battery)
Size (W×H×D)	Approx. 71 mm×134 mm×10 mm (thickest part approx. 10.3 mm)
Memory (built-in)	ROM: Approx. 16 GB RAM: Approx. 2 GB
Continuous talk time (in Japan)	Approx. 980 min.
Continuous talk time (overseas (GSM))	Approx. 620 min.
Continuous standby time (in Japan)	Approx. 510 hours (while LTE is used) Approx. 610 hours (while 3G is used)
Continuous tethering time	Approx. 420 min. (LTE on WAN) Approx. 600 min. (3G on WAN)
Maximum Wi-Fi® tethered connections	10 devices
Continuous standby time (overseas (GSM))	Approx. 600 hours
Charging time	Common AC adapter 04 (sold separately): Approx. 120 min. Common DC adapter 03 (sold separately): Approx. 260 min.
1Seg continuous watching time*1	Approx. 8 hours and 00 min. (earphone) Approx. 7 hours and 30 min. (speaker)
Camera device	**Out camera** CMOS image sensor **In camera** CMOS image sensor
Effective pixels	**Out camera** Approx. 13.10 million pixels **In camera** Approx. 2.0 million pixels
Bluetooth® function	Communication method: Bluetooth® Standard Ver.4.0 Output: Bluetooth® Standard Power Class 1 Communication distance*2: Within 10 m with no obstacles in the range Compatible Bluetooth® profiles*3: HSP (Headset Profile), HFP (Hands-Free Profile), A2DP (Advanced Audio Distribution Profile), AVRCP (Audio/Video Remote Control Profile) Ver.1.3, OPP (Object Push Profile), SPP (Serial Port Profile), PBAP (Phone Book Access Profile)*4, HID (Human Interface Device Profile), HDP (Health Device Profile), PAN (Personal Area Networking Profile), PXP (Proximity Profile)*5, FMP (Find Me Profile)*5, ANP (Alert Notification Profile)*5, PASP (Phone Alert Status Profile)*5, TIP (Time Profile)*5, DUN (Dial-up Networking Profile)*6 Frequency bands: 2.4 GHz band
Network environment	Wireless LAN (Wi-Fi®) function: IEEE 802.11a/b/g/n (2.4 GHz/5 GHz)/ac*7 conformant
Interface	microUSB jack, 3.5ϕ (quadrupoles) earphone/microphone jack (supported earphones: tripolar headphone (Lch/Rch/GND) and quadrupolar earphone with microphone (Lch/Rch/GND/MIC))

*1 The 1Seg continuous watching time varies depending on the usage.
*2 It changes according to objects obstructing devices and signal reception.
*3 This is the specification provided in Bluetooth® standards for making communication between Bluetooth®-compatible devices in accordance with their intended use.
*4 Some contents of address books data may not be properly displayed on the device of the other party.
*5 This profile supports Bluetooth® Standard Ver.4.0.
*6 Supported for some car navigation systems only. See the au homepage for usage.
*7 Supported for Wi-Fi CERTIFIED™ ac. Refer to the respective companies' websites for information on supported products.

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

Specific Absorption Rate (SAR) of Cell Phones

This model SHL25 mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves. This mobile phone has been designed in observance of the Japanese technical regulations regarding exposure to radio waves (*1) and limits to exposure to radio waves recommended by equivalent international guidelines. These international guidelines were set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition. The Japanese technical regulations and international guidelines define the limits using a unit of measurement known as the Specific Absorption Rate (SAR), which represents the average amount of radio frequency energy absorbed by the human head. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.473 W/kg. There may be slight differences in SAR levels among individual products, but they all satisfy the limit. The actual SAR of this mobile phone while talking on the phone can be well below that indicated above. This is due to automatic changes in the power level of the mobile phone to ensure it only outputs the minimum power required to communicate with a base station. Therefore in general, the closer you are to a base station, the lower the power output of the mobile phone.

This mobile phone can be used in positions other than against your ear. This mobile phone satisfies the international guidelines when used with au Carrying Case F Black (0105FCA) (sold separately)/au Carrying Case G Black (0106FCA) (sold separately) recommended by KDDI (*2).

In case you are not using the au Carrying Case F Black (0105FCA) (sold separately)/au Carrying Case G Black (0106FCA) (sold separately), use a product that contains no metal parts, and one that can hold the mobile phone at least 1.5 cm away from your body.

The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use". If you would like to know more detailed information, please refer to the WHO website.
(**http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm**)

Please refer to the websites listed below if you would like to know more detailed information regarding SAR.

○ Ministry of Internal Affairs and Communications website:
  http://www.tele.soumu.go.jp/e/sys/ele/index.htm
○ Association of Radio Industries and Businesses website:
  http://www.arib-emf.org/index02.html
○ au homepage:
  http://www.au.kddi.com/english/
○ SHARP homepage:
  http://www.sharp.co.jp/products/menu/phone/cellular/sar/index.html

*1 Technical regulations are defined by the Ministerial Ordinance Related to the Radio Law (Article 14-2 of Radio Equipment Regulations).
*2 Regarding the method of measuring SAR when using mobile phones in positions other than against the ear, international standards (IEC62209-2) were set in March of 2010.
On the other hand, regarding the technical standards of Japan, ministerial ordinance to revise part of the Ministerial Ordinance related to Radio Law (Article 14-2 of Radio Equipment Regulations) has been issued in August 2013, and will be enforced on April 1, 2014.

CE Declaration of Conformity

CE ①

In some countries/regions including Europe, there are restrictions on the use of 5GHz WLAN that may limit the use to indoors only.
If you intend to use 5GHz WLAN on the device, check the local laws and regulations beforehand.

> **Hereby, Sharp Telecommunications of Europe Ltd, declares that this SHL25 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.**
> **A copy of the original declaration of conformity can be found at the following Internet address:**
> **http://www.sharp.co.jp/k-tai/**

■ Mobile Light

Do not point the illuminated light directly at someone's eyes.
Be especially careful not to shoot small children from a very close distance. Do not use Mobile light near people's faces. Eyesight may be temporarily affected leading to accidents.

■ AC Adapter

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

■ Battery - CAUTION

Use specified Charger only.

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

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

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

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

■ Volume Level Caution

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

■ Headphone Signal Level

The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 131 mV.

■ European RF Exposure Information

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear is 0.50 W/kg[*] and when worn on the body is 0.37 W/kg[*].

For body-worn operation, this mobile device has been tested and meets the RF exposure guidelines when used with an accessory containing no metal and positioning the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

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

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

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

FCC Notice

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

■ Information to User

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

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

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

■ 5 GHz WLAN Operation in USA

Within the 5.15-5.25 GHz band, UNII devices are restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite Services (MSS) operations.

■ FCC RF Exposure Information

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

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

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

Highest SAR value:

Model	SHL25
FCC ID	APYHRO00206
At the Ear	0.64 W/kg
On the Body	0.59 W/kg

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

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

The FCC has granted an Equipment Authorization for this model 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 at http://transition.fcc.gov/oet/ea/fccid/ under the Display Grant section after searching on the corresponding FCC ID (see table above).

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