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Samsung GALAXY S II WiMAX ISW11SC



Basic Manual



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Preface

Thank you for purchasing the GALAXY SII WiMAX ISW11SC (referred to as "ISW11SC" or "the terminal" in this manual). Before using your ISW11SC, be sure to read the ISW11SC Basic Manual (this PDF manual) to ensure correct usage. After you have finished reading this manual, store this PDF manual and the printed manuals in safe places so you can retrieve them whenever you need them.

Instruction Manuals

■ Instruction Manual

Basic Manual (this PDF manual) describes basic operations of major functions of the ISW11SC.

For detailed descriptions on various functions, refer to the ISW11SC full Instruction Manual (Japanese) available on the au homepage or "Instruction Manual" application on the ISW11SC.

<http://www.au.kddi.com/torisetsu/index.html>

■ Instruction Manual application

You can use "Instruction Manual" application on the ISW11SC to check the detailed operation of the ISW11SC. (In Japanese)

In the home screen, [Applications] → [Instruction Manual ISW11SC]

- Download and install application for the first activation.

Safety Precautions

Be sure to read the Safety Precautions in this manual to ensure proper usage of the ISW11SC.

For troubleshooting, check the symptom of your ISW11SC in auお客さまサポート (au Customer Support) on the au homepage.

<http://www.kddi.com/customer/service/au/trouble/kosho/index.html>

Before Using ISW11SC

- Communication is not available in a location where the signal cannot be received, even within the service area. Communication may not be available in a location where the signal is weak. If you move to a location where the signal is weak during a communication, the communication may be interrupted.
- The ISW11SC is a digital cell phone and can maintain a high communication quality until the signal weakness reaches its limit. Therefore, once the limit has been reached, the communication may be disconnected suddenly.
- Note that the ISW11SC uses signals which may be intercepted by a third party. (However, the CDMA system enables highly confidential communications.)
- The ISW11SC is a cell phone compatible with the international roaming service. Each network service which is described in the Instruction Manual varies depending on the area or service. For details, refer to the 取扱説明書 (Instruction Manual) (Japanese).
- The ISW11SC is a wireless station which is compliant with the Radio Act, and may be subject to inspections regulated by the Radio Act.

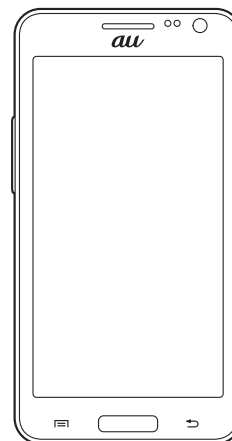
- When you insert the au IC-Card, the product number information of your ISW11SC is sent to the au server for the security and operation status notification of the ISW11SC.
- Always be considerate of others around you when using your ISW11SC in public places.
- For a child's use, read the ISW11SC Basic Manual and give your child instructions on proper use.

■ 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 this 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.

Basic package and main peripheral equipment

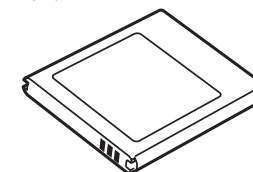
■ ISW11SC



(Including Battery cover)

■ Accessories

- Battery pack



- Stereo Headset with Microphone (sample)
- microSD memory card (2GB) (sample)
- Warranty (Japanese)
- 取扱説明書 (Instruction Manual) (Japanese)
- ご使用上の注意 (Safety precautions) (Japanese)
- 設定ガイド (Setting Guide) (Japanese)

The following items are not included in the package.

- AC adapter
- Desktop Dock
- microUSB cable

- Please purchase the specified charger (sold separately).

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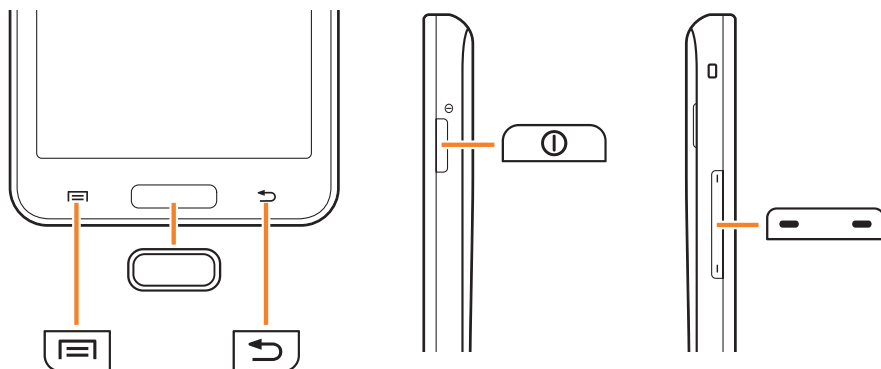
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Illustrations and descriptions in this Manual

Note on key illustrations

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



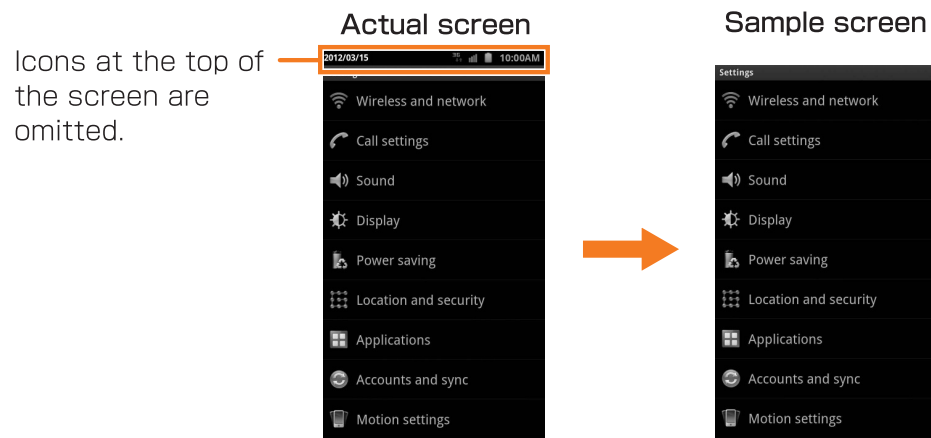
Description of operations for selecting item/icon/key, etc.

In this manual, operation steps are described as follows. Tapping is lightly touching the key or icon displayed on the screen with your finger.

Despcription	Explanation
In the home screen, Tap [Home] → [Settings] → [Wireless and network]	Tap [Home] in the home screen, tap "Settings" from the displayed menu, then tap "Wireless and network".

Note on Screenshots

The illustrations and screenshots in this manual are simplified and may look different from the actual screens.



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 misoperation 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 the product.
- The Company is not liable for any damages arising from failure to observe the described content of the full "Instruction Manual" (Japanese).

- The Company is not liable for any damages arising, for example, from malfunction caused by combination with connected devices or software not related to the Company.
- Captured image data or downloaded data may sometimes be altered or lost due to faults, repair or other handling of the product. The Company is not liable for any damage or lost income resulting from recovery of these data.
- It is recommended you keep a copy of important data 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 on the product refers to the following companies:
 Sold by: KDDI CORPORATION, OKINAWA CELLULAR TELEPHONE COMPANY
 Imported by: SAMSUNG TELECOMMUNICATIONS JAPAN Co.
 Manufactured by: Samsung Electronics Co.,Ltd.



- ◎ Reproduction of the content of this manual in part or in whole is prohibited.
- ◎ The content of this manual is subject to change without notice.
- ◎ Every effort has been made in the preparation of this manual. Should you notice any unclear points, omissions, etc., feel free to contact us.

Safety Precautions (Observe Strictly)

- Before using this 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 the ISW11SC. 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 longterm 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

	Indicates an action that is not allowed.		Indicates that use in a place where the product is likely to get wet or allowing the product to get wet is not allowed.
	Indicates that handling with wet hands is not allowed.		Indicates an action that must be done.
	Indicates that disassembly is not allowed.		Indicates that the power plug must be disconnected from the power outlet.

■ Precautions common to the ISW11SC main unit, battery pack, charging equipment, au IC-Card, peripheral devices



Danger

Be sure to read the following hazards before use.



Select battery pack, charger, microUSB cable, conversion adapter, headset to be used for the ISW11SC from the specified peripheral devices. Use of other peripheral devices might cause overheating, ignition, rupture, fault, or leakage.



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.



Before entering an area where flammable gas is generated such as a gas station, be sure to turn off the ISW11SC. Do not charge the battery. Failure to observe these precautions might cause the gas to catch fire. In addition, when using NFC payment function at a gas station, be sure to turn off the power in advance. (If NFC lock has been set, cancel the lock before turning off the power.)



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



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



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.



When using a metal strap or accessory, take sure not to allow the metal part come in contact with the connection terminals or power outlet. Doing so might cause electric shock, ignition, injury or a fault.



When plugging the specified charger (sold separately) into an outlet or cigarette lighter socket, do not allow a metal strap or accessory come in contact with the power plug. Doing so might cause fire, electric shock, injury or a fault.



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.



The customer is not allowed to disassemble, modify or repair the product. Doing so might cause a fault, ignition, electric shock, or injury. The Company is not liable even in the event of any nonconformities arising on the ISW11SC or peripheral devices as a result of modification, etc. Modification of cell phones is in violation of the Wireless Telegraphy Act.



Warning

Be sure to read the following warnings before use.



Do not drop or subject to strong impact, such as throwing. Doing so might cause rupture, overheating, ignition, leakage or a fault.



Do not use outside when you can hear thunder. Doing so might risk lightning strikes and electric shock.



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.



If the ISW11SC 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 exposed parts with your hands. Doing so might cause electric shock or injury from damaged parts. Contact an au shop or Customer Service Center.



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 or fault from short-circuiting or corrosion of electronic circuits. In the event that the ISW11SC is splashed with liquid, immediately disconnect the power plug of the specified charging equipment (sold separately). Faults caused by wetting with water or humidity are not covered by the warranty and charges will be incurred for repair.



When removing the battery cover, do not exert more than necessary force. The battery pack might jump out, for example, and cause injury or a fault.



Do not operate the product while driving an automobile or motorized bicycle, riding a bicycle or walking. Doing so may compromise traffic safety and cause an accident.



If charging is not completed after the specified charging time, stop charging. Failure to do so might cause leakage, overheating, rupture or ignition.



Caution

Be sure to read the following cautions before use.



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



Do not leave on unstable places such as rocky stands or tilting surfaces. Dropping the product may cause injury or damage. Also, pay sufficient attention to impact, etc.



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



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.



Do not touch the ISW11SC main unit or specified charging equipment (sold separately) for a long time while power is being supplied from an external source. Doing so might cause low-temperature burns.



The ISW11SC may become hot by prolonged use especially in high-temperature environment. Be careful when using the product touching your skin for a long time, as it might cause low-temperature burns.



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.



Do not use the product with the battery cover removed.



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.



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



Do not use 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 or cigar lighter socket, make sure that the product is not overheating before turning the power off, and contact an au shop or Customer Service 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 Customer Service Center.



When inserting Stereo Headset with Microphone (sample), etc. into the ISW11SC, 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.

 When adjusting the volume with Stereo Headset with Microphone (sample), etc. inserted into the ISW11SC, 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.

 When using an AC adapter 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.

■ ISW11SC 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.

 Do not use the ISW11SC 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.

 The ISW11SC 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.)

 When using the ISW11SC 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 the ISW11SC at least 22 cm away from the pacemaker or cardioverter-defibrillator.
2. Turn the ISW11SC off in crowded trains or other crowded places, since there may be people with a cardiac pacemaker or implanted cardioverter-defibrillator nearby.
3. Pay attention to the following points when using the product inside medical institutions.
 - Do not bring the ISW11SC into operating theaters, intensive-care units (ICU) and coronary care units (CCU).
 - Turn the ISW11SC off in hospital wards.
 - Even if you are in a lobby, etc., be sure to turn the ISW11SC 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.

 Stay alert to your surroundings when calling, messaging, browsing the Internet, shooting photos, playing games, or listening to music. Failure to do so might cause a fall or traffic accident.

 Do not light the photo light in front of a person's eyes. Do not gaze at the light emitting part when the photo light is lighted. Doing so might cause impairment of eyesight, etc. Be especially careful not to shoot small children from a very close distance.

 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.

 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.

 Use of the main unit in an automobile sometimes affects on-vehicle electronic devices, though this rarely happens. If this happens, stop use since this may impair safe travel.

 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 the ISW11SC are as follows.

Part	Material	Surface treatment
Front case	PC resin	Non-conductive vacuum metallization
Rear case, Power/Screen lock key, Volume/Zoom key	PC resin (PC+GF 20%)	UV coating
Battery pack cover	PC resin (PC+GF 10%)	Hairline, Coating
Display	Hardened glass	AF coat
Home key	Aluminium	Coating
Out-camera surrounding part	Stainless steel	Black alumite
Earpiece	Stainless steel	Coating
Camera window	Acrylic sheet	—
Photo light	PC resin	—
Headset connection terminal	Stainless steel	—

 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.

 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.

 Do not swing the ISW11SC around by holding the hand strap, Stereo Headset with Microphone (sample), etc. Doing so might cause an accident or damage.

 If you have a weak heart, be careful when setting the incoming vibration and ringtone volume to prevent adverse effects on your heart.

 Pay attention to items becoming 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 the ISW11SC main unit, it might cause overheating or a fault.

 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.

Battery pack

(The battery pack of the ISW11SC is a lithium-ion battery.)



The battery pack is not fully charged at the time of purchase. Charge the battery before using the product. For handling of the lithium-ion battery, refer to this manual or the manual for the battery pack (SCI11UAA) (sold separately).

**Danger**

Mishandling is dangerous as it might cause overheating, leakage or rupture. Be sure to read the following hazards before use.



Do not short-circuit the positive (+) and negative (-) terminals of the battery pack.



Connect the battery pack to the ISW11SC in the correct orientation. Connecting in an incorrect orientation might cause rupture, fire or overheating. Do not try to forcibly connect the battery pack, instead thoroughly check the connection terminals before connection.



Do not puncture the battery pack with a nail, hit it with a hammer or step on it. Doing so might cause ignition or damage.



Do not allow metal objects (such as necklaces and hairpins) to come in contact with the connection terminals when carrying or storing the battery pack. Doing so might cause fire or a fault due to a short circuit.



Do not disassemble, modify or directly solder the battery pack. Doing so might cause spilling of the battery liquid resulting in an accident such as loss of eyesight if it gets into eyes, or cause overheating, ignition or rupture.



Do not use a battery pack that has been dropped, stepped on, damaged, or leaking battery liquid. Immediately move the battery pack away from fire if you notice leakage of liquid or unusual odor. Failure to do so might cause the leaked liquid to catch fire resulting in ignition or rupture.



Do not wet the battery pack with water, seawater, pet urine, etc. A wet battery pack might cause overheating, rupture or ignition. If you drop the product into water by mistake, immediately turn off the power, remove the battery pack, and contact an au shop or Customer Service Center. Never charge the wet battery pack.



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.



The battery pack is a consumable item. If the performance of a battery pack does not recover (e.g. the usable time after each charge has become extremely short), the battery pack is at the end of service life, so stop use and buy a new one of the specified type. Failure to do so might cause overheating, ignition, rupture or leakage. Note that the length of service life varies depending on the usage condition, etc.



Be careful not to have the battery pack bitten by your pet. It might cause leakage, overheating, rupture or ignition of the battery pack.

■ Charging equipment

**Warning**

Mishandling might cause overheating, ignition, electric shock, etc. Be sure to read the following warnings before use.



Do not use at other voltages than the specified power supply voltage. Doing so might cause ignition, fire, overheating or electric shock.

- Common AC adapter O1 (sold separately): 100V current (household use in Japan)
Do not use single-phase 200 V current or voltage converters for overseas use.
- Available AC adapter for overseas use (sold separately) not mentioned above: 100 to 240 V current
- DC adapter (sold separately): 12/24 VDC (for negative grounded vehicles only)

 Firmly insert the power 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 ignition. Do not use damaged charger (sold separately) or loosen power outlets or cigarette lighter socket.

 If the fuse in the common DC adapter O1/O3 (sold separately) blows, replace it with a fuse of the specified type (250 V, 1 A). Replacing with a different type of fuse might cause overheating or ignition. (For information about fuse replacement, carefully read the manual for the common DC adapter O1/O3 (sold separately).)

 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.

 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.

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

 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.

 Also, wipe off dust on the power plug of the specified charging equipment (sold separately). Failure to do so might cause fire, burn, or electric shock.

 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.

 If you do not use the ISW11SC for a long time, unplug the power plug of the specified charging equipment (sold separately) from the outlet or cigarette lighter socket. Failure to do so might cause electric shock, fire or a fault.

 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 ISW11SC is splashed with liquid, immediately disconnect the power plug of the specified charging equipment (sold separately).



Caution

Mishandling might cause overheating, ignition, electric shock, etc. Be sure to read the following cautions before use.

 Do not use in humid places such as bath areas, or connect/disconnect the specified charging equipment (sold separately) with wet hands. Doing so might cause electric shock or a fault.

 Charge the battery in a stable place. If placed on an inclined surface or wobbly stand, the ISW11SC might fall causing injury or damage. In addition, do not cover or wrap the product with a cloth or bedding. Doing so might cause fire or a fault.

 When unplugging the power plug of the specified charger from the outlet or cigarette lighter socket, hold and pull the power plug. If you pull the cord, the cord might be damaged.

 Do not use the common DC adapter O1/O3 (sold separately) with the car engine stopped. Doing so might result in draining of the car battery.

 Do not leave the specified charging equipment (sold separately) connected to the ISW11SC with the battery pack removed. Doing so might cause ignition or electric shock.

■ au IC-Card

Warning Be sure to read the following warnings before use.

-  Do not put the au IC-Card 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.

-  Watch your hand or finger when attaching/removing the au IC-Card. May injure your hands or fingers.
-  Use only the devices specified by the Company to insert the au IC-Card 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.
-  Do not disassemble or modify the au IC-Card. Doing so might cause loss of data or a fault.
-  Do not use or leave the au IC-Card in hot places such as by the fire or a heater. Doing so might cause melting, overheating, fuming, loss of data or a fault.
-  Do not throw the au IC-Card into a fire or heat it. Doing so might cause melting, overheating, fuming, loss of data or a fault.
-  Do not touch the IC (metal) part of the au IC-Card or short-circuit it. Doing so might cause loss of data or a fault.
-  Do not drop the au IC-Card or subject it to strong impact. Doing so may cause a fault.
-  Do not fold, bend or place a heavy object on the au IC-Card. Doing so may cause a fault.
-  Do not wet the au IC-Card. Doing so may cause a fault.

-  Do not scratch the IC (metal) part of the au IC-Card. Doing so may cause a fault.

-  Do not store the au IC-Card in dusty places. Doing so may cause a fault.

-  Do not store the au IC-Card in places exposed to direct sunlight or hot and humid places. Doing so may cause a fault.

-  Store the au IC-Card out of reach of small children. Failure to do so might cause injury, etc. if they accidentally swallow and choke on it.

■ Stereo Headset with Microphone (sample)

Warning Be sure to read the following warnings before use.

-  Do not use the product for playing game or music while driving a car or motorbike, riding a bicycle or walking. Doing so may compromise traffic safety and cause an accident.

Warning Be sure to read the following warnings before use.

-  When playing game or music, adjust the volume to the proper level. Setting too loud volume or using the earphone continuously for a long period of time might cause hearing loss. Even if the proper volume is applied, using for a long time may cause hearing loss. 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 not wrap the cord around the ISW11SC. It may lower its sensitivity and the sound may cut off or noise may be generated. Do not pull the cord to unplug. Do not hang the phone with the cord, either. It may damage the connector.

❗ Be aware not to gather dust on the connector terminal. Doing so may cause a fault.

❗ Attach or remove the connector horizontally to or from the headset terminal of the ISW11SC.

❗ When adjusting the volume, 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.

❗ 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 the Stereo Headset with Microphone (sample) are as follows.

Part	Material	Surface treatment
Exterior of earphone	PC resin	UV coating
Exterior of earphone (metal part)	PC resin	AL+UV coating
Headphone (neck part)	PC resin+NON-PVC	UV coating
Exterior of microphone with switch	PC +ABS resin	UV coating
Earpieces	Silicon rubber	—
Cable	NON-PVC	—
3.5 mm plug (Body)	POM	—
3.5 mm plug (Metallic part)	Brass	Copper plating+Nickel plating+Gold 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 ISW11SC main unit, battery pack, charging equipment, au IC-Card, peripheral devices

- Do not apply excessive force to the ISW11SC 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 microUSB terminal or headset terminal might damage the connector resulting in a malfunction. Such damage and malfunction are not covered by the warranty, even if there is no external damage.
- Do not use the product in extremely hot, cold or humid places. (Use within an ambient temperature range of 5°C to 35°C and humidity range of 35% to 85%.)
- 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, radios, etc. Use nearby might affect them.
- The ISW11SC may become warm while charging or during other operations, depending on the situation, but this is not abnormal.

- When the ISW11SC is used by a child, parents or guardians should thoroughly read this manual or the full "Instruction Manual" (Japanese) and teach the child how to use it.
- Turn off the power before removing the battery pack. If you remove the battery pack with the power on, saved data might be altered or lost.

■ ISW11SC 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 keys or display surface. Doing so might cause scratching or damage. The touch panel is designed to be touched lightly by your finger. Do not exert too much pressure with your finger or press sharp-pointed objects (fingernails, ballpoint pens, pins, etc.) against it.
In the following cases, the touch panel may not work even if you touch it. It may also malfunction.
 - Operation with a gloved finger
 - Operation with your fingernails
 - Operation with foreign objects placed on the operation pad
 - Operation with protective sheets or stickers on the touch panel
 - Operation when the display is wet or fogged
 - Operation with wet or sweaty fingers
 - Operation under water
- Do not remove the stickers printed with the serial numbers on the ISW11SC (back side of the phone, that can be seen when the battery cover is removed). These stickers prove that the product and the communication module you are using comply with the Wireless Telegraphy Act and Telecommunications Operations Act.

- Never use modified ISW11SC. Use of a modified device violates the Radio Law. The ISW11SC 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 ISW11SC as a certificate. If the screws of the ISW11SC 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 ISW11SC has been designed so that it cannot be easily disassembled. Modifying the product is prohibited by the Radio Law.
- Contents saved in the ISW11SC, such as contacts, mails and favorites, might be altered or lost by an accident, fault, repair or mishandling. Be sure to keep a copy of important contents. Note that the Company assume no responsibility for any damages or lost profits resulting from altered or lost contents.
- Note that content data (both charged or free content) saved on the product cannot be returned to the customer when the ISW11SC is replaced for repair of a fault, for example.
- The ISW11SC 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 the ISW11SC is made using high-precision technology, some pixels (dots) might be lit or out at all times. 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 ISW11SC, 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, as it might cause scratching or damage. Also, be careful not to scratch or damage the display by using 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 (e.g. near the air discharge port of an air conditioner), water droplets (i.e. condensation) sometimes are formed inside the ISW11SC. 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 an external device to the microUSB terminal or headset terminal, make sure that the connector or the device is horizontal with the connector terminal.
- Note that applying unnecessary force with an external device connected to the microUSB terminal or headset terminal might cause damage.
- Do not discard the product together with regular trash. Please cooperate in the collection of au phone when it is no longer needed to protect the environment and effectively use resources. Old au phones are collected at au shops and other places.
- Insert only a microSD memory card into the memory card slot on the ISW11SC.
- Do not exert excessive force when attaching/removing a microSD memory card. May injure your hands or fingers.
- While writing/reading data to/from a microSD memory card, do not subject the product to vibration or impact, remove the battery pack or turn off the power. Doing so 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.
- When using handsfree call, take care to keep the speaker at a safe distance from your ears, as the speaker volume may be too loud.
- Attach the battery cover securely. Failure to do so may hinder correct operation of the NFC function. Distorting the battery cover, pressing the black sheet part on the inner side of the battery cover strongly, removing the black sheet may make the NFC function unavailable.
- When removing the battery cover, do not push the contacts part on back of the ISW11SC strongly. It may make the NFC function unavailable.
- When removing the battery cover, do not peel off the black sheet attached on the antennas on back of the ISW11SC. It may damage antennas or affect the communication quality.
- 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.
- Do not put a sticker, etc. on the proximity sensor. Doing so may cause the sensor to malfunction and make the display always turned off while receiving a call or during a call.
- Do not cover microphones (2 microphones) with your fingers, etc. It may make your voice inaudible to the other party. Covering upper microphone may disable recording video sound.

■ 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 hinder correct operation of the 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.

■ Battery pack

- Use in very hot or cold environments, for example, when left in an automobile with the windows closed in summer, will cause the battery capacity to drop and shorten the available battery usage time. This will also shorten the battery pack's service life. Try to use the battery pack as far as possible at room temperature.
- When the battery pack is not to be used for a long time, remove the battery pack from the ISW11SC main unit, and store it away from hot and humid places.
- 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 battery pack is a consumable item. If the performance of a battery pack does not recover after charge, the battery pack is at the end of service life, so buy a new one of the specified type. Note that the length of service life varies depending on the usage condition, etc.

- Do not discard battery packs together with regular trash. Please cooperate in the collection of used battery packs to protect the environment and effectively use resources. au shops and other retailers collect used battery packs.

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

■ Charging equipment

- When you do not use the specified charging equipment (sold separately), unplug the power plug of the equipment from the outlet or cigarette lighter socket.
- Do not wrap the power cord of the specified charging equipment (sold separately) around the equipment itself. Doing so might cause electric shock, overheating or fire.
- Do not forcibly bend the plug of the specified charging equipment (sold separately) or the connection between the connector and power cord. Doing so might cause electric shock, overheating or fire.

■ au IC-Card

- The au IC-Card is lent to you by au. In case of loss or damage, the card will be replaced at your expense. When malfunction is suspected, or in case of theft or loss, contact an au shop or PiPit.
- Do not forcibly remove or insert the au IC-Card. Be careful not to exert excessive force when inserting the card into your au cell phone.
- You are responsible for any damage caused by inserting your au IC-Card into some other IC card reader/writer, etc.
- The au IC-Card may become warm during use, but this is not a malfunction and you can continue to use the card.
- Keep the IC (metal) part of your au IC-Card clean. Clean the product with a soft dry cloth (such as the type used for eyeglasses).
- Do not put stickers, etc. on the au IC-Card.

■ 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 the ISW11SC. 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 to 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 and videos

- Do not listen to music or watch videos 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 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 Stereo Headset with Microphone (sample) in trains or other places with many people around you.

■ Copyrights and rights of portrait

- You are not allowed to copy, modify or edit the data you shot or recorded using the ISW11SC 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 homepages.

- The transfer of images, etc. covered by copyright is not allowed excluding instances laid down separately by the Copyright Act.

■ microSD memory card

- Using a microSD memory card 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.
- Insertion of a microSD memory card into the ISW11SC is necessary for microSD memory card related operations.
- Insert only a microSD memory card into the memory card slot on the ISW11SC.
- Insert a microSD memory card properly. Failure to do so disables to use the microSD memory card.
- Do not exert excessive force when attaching/removing a microSD memory card. Popped up microSD memory card may hit your eye, etc. to injure or may be lost.
- Do not touch, get wet, or dirty the terminal side of the microSD memory card with your hand or a metal object.
- Do not fold, bend, place a heavy object on, or give a strong impact to the microSD memory card.
- Some microSD memory cards need to be formatted before use. Format the memory card on the ISW11SC before use.
- Removed microSD memory card may be warm after using for a long time. This condition is not abnormal.
- Use and store away from the place where is likely to generate static electrical charge or electrical noise.
- While writing/reading data to/from a microSD memory card, do not subject the product to vibration or impact, turn off the power or remove the battery pack. Doing so might cause loss of data or a fault.
- Do not disassemble or modify microSD memory cards.
- Do not put stickers, etc. on the microSD memory card.

- It is recommended to back up stored data on a microSD memory card to another microSD memory card, a PC, etc.
- When discarding microSD memory cards, in order to prevent the saved information from leaking, it is recommended breaking the memory card physically as well as deleting the saved information before discarding. Manage stored information on microSD memory cards at your responsibility.
- If the battery level is low, the power may turn off while saving data and data may not be stored normally. In order to protect data from being damaged, it is recommended to save data when the remaining battery is sufficient.

■ Backup content on the ISW11SC

- Please back up*1 important content recorded or downloaded to the ISW11SC to an outside source. Content recorded to memory on the ISW11SC sometimes disappears or is altered by unexpected factors, such as static electricity or a fault, repair, mishandling, etc.

*1 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

The ISW11SC 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	① To do remote operation of Voice mail and Call forwarding services from a landline phone
	② To use Customer Service Center and to do various inquiries, applications, and modifications on the au homepage
Initial value	A four-digit number chosen by the customer and noted on the application form

● Pattern/PIN/password to unlock screen

Example of usage	To set and release the screen lock
Initial value	None

● PIN code

Example of usage	To prevent unauthorized use of the au IC-card by third parties
Initial value	1234

● NFC lock number

Example of usage	To set/cancel NFC lock
Initial value	1234

■ PIN Code

■ PIN1 Code

You can set the ISW11SC to require PIN1 code entry every time the power is turned on, to prevent unauthorized use of the au IC-Card by a third party.

If the PIN code is incorrectly entered three times consecutively, the PIN code will be locked. Use the PUK code to unlock the PIN code.

- PIN1 code is "1234" and PIN1 code entry is set to not be required at the time of purchase. You can change PIN1 code to any four- to eight-digit number, and set PIN1 code entry to be required as necessary.

■ PUK Code

Enter the PUK code when the PIN1 code is locked.

- PUK code is an eight-digit number given at the time of purchase, and is printed on the back side of the plastic card where your au IC-Card is attached.
- When you enter the PUK code, set the new PIN1 code by selecting Change UIM PIN.
- If the PUK code is incorrectly entered ten times consecutively, contact an au shop, PiPit or the Customer Service Center.
- "PIN1 code" is not reset by initializing the product.

Notes on using Bluetooth®/wireless LAN (Wi-Fi®) functions

■ Frequency band

Bluetooth® and wireless LAN (Wi-Fi®) functions (2.4 GHz band) of the ISW11SC use frequencies in the 2.4 GHz band ranging from 2.402 GHz to 2.480 GHz.



- **Bluetooth® function: 2.4FH1**
The ISW11SC 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**
The ISW11SC 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.

■ ■ ■ : This means that all bandwidths between 2.402 GHz to 2.480 GHz can be used, and that bands of mobile unit identification devices can be avoided.

Available channels vary by the country. For use in airplane, check with the airline company in advance.

■ Precautions about Bluetooth®

- The Bluetooth® function of the ISW11SC conforms to domestic wireless standards in Japan and FCC standards, and has been certified. Use of the Bluetooth® function may be restricted in some countries/regions. If you are using the Bluetooth® function overseas, check the relevant laws and regulations of the country/region you visit.
- The 2.4 GHz band used by wireless LAN (Wi-Fi®) and Bluetooth® devices is shared by various other devices. For this reason, Bluetooth® device use technologies for minimizing effects from other devices using the same radio frequency band. In some cases, however, the communication speed and connectable range may be decreased, or disconnection may occur, due to interference by other devices.
- The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the Bluetooth® devices used.

● Bluetooth® precautions

The frequencies used by the Bluetooth® function of the ISW11SC are in the 2.4 GHz band. In this frequency band, other similar wireless stations, in-plant wireless stations for mobile unit identification that require a license for use, such as factory production lines, specific smallpower 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 ISW11SC, make sure that "other wireless stations" are not in operation nearby.

2. In the event that instances of radio wave interference have occurred between the ISW11SC and "other wireless stations", immediately either relocate the ISW11SC 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.

Precautions about wireless LAN (Wi-Fi®)

- The wireless LAN function of this product conforms to the domestic standards of Japan and FCC standards, and has been certified. Use of the wireless LAN function may be restricted in some countries/regions. If you are using the wireless LAN function overseas, check the relevant laws and regulations of the country/region you visit.
- Do not use this product in places where electromagnetic waves are generated or near electric products, AV and OA equipment, or other magnetized devices.
- Subjecting this product to magnetic or electrical noise might increase noise and prevent it from performing communications. (This product is particularly susceptible to noise when 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 (Wi-Fi®) 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.

Wireless LAN (Wi-Fi®) precautions

The frequencies used by the wireless LAN (Wi-Fi®) function of the ISW11SC are in the 2.4 GHz band, 5 GHz band. In the 2.4 GHz 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 smallpower 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 ISW11SC, make sure that "other wireless stations" are not in operation nearby.
2. In the event that instances of radio wave interference have occurred between the ISW11SC and "other wireless stations", immediately either relocate the ISW11SC 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.

The ISW11SC can use 3 channels of W52, W53 and W56 on 5 GHz frequency band. W52 and W53 are prohibited to use outdoor by Radio Law.



- ◎ Connections between the ISW11SC 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 (Wi-Fi®) at your direction 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.

Notes on packet communication charge

- Since constant Internet connection is possible with the ISW11SC, packet communication may be performed automatically by some applications, resulting in high packet communication charges. Therefore, subscription to a packet flat-rate service is recommended.
- To browse homepages, download applications, communicate using applications, send/receive mails and configure various settings, connection to the Internet is required, to which packet communication charge applies (Receiving e-mail from au such as "auからの重要なお知らせメール (important note from au)", "WEB de 請求書お知らせメール (WEB de Seikyuu invoice)").

* Packet communication charge does not apply to wireless LAN (Wi-Fi®) connection.

* A separate monthly fee is required for using WiMAX services.

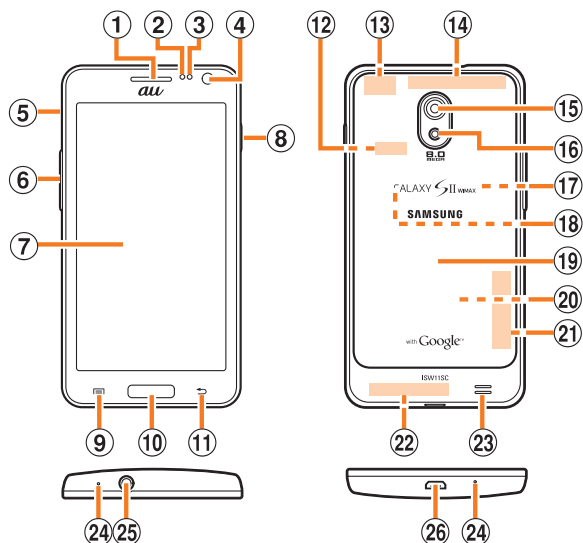
Notes on Android Market/au one Market/applications

- 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 failures that might be caused by applications you have installed. Repair costs in this case may be charged even during the warranty period.

- The Company assumes no responsibility for any disadvantage brought to you or any third party by applications you have installed.
- Insertion of a microSD memory card is necessary to use some applications.
- Some applications 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 the ISW11SC 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.

Getting ready

Names of parts and their functions



① Earpiece

② Proximity sensor*¹

Detects approaching of face etc. to prevent touch panel from erroneous operation during a call.

③ Light sensor*¹

Detects the ambient brightness to automatically adjust the brightness of the display.

④ In-camera

⑤ Strap hole

Remove the battery pack before attaching a strap.

⑥ Volume/Zoom key

⑦ Display (Touch panel)

⑧ Power/Screen lock key

Use to turn the power on or off. Press the key while the power on to lock the screen.

⑨ Menu key

Shows menu according to the situation.

⑩ Home key

Shows the home screen.

⑪ Back key

Use to quit application or return to the previous screen.

⑫ Contact part

Reads/Writes Near Field Communication (NFC) tag data.

⑬ WiMAX antenna*²

⑭ GPS antenna*²

⑮ Out-camera

⑯ Photo light

⑰ microSD memory card slot

⑱ au IC-Card slot

⑲ Battery pack cover

⑳ Battery pack

㉑ Bluetooth®/Wi-Fi® antenna*²

㉒ Built-in antenna*²

㉓ Speaker

㉔ Microphone*³

The upper microphone is only functional during a handsfree call or video shooting.

㉕ Headset terminal

㉖ microUSB terminal

*¹ Do not cover the proximity sensor or light sensor with a protective sheet etc. Doing so may hinder correct operation of the function.

*² Antennas are built-in. Covering the antennas may affect the quality.

*³ Do not cover upper microphone with your fingers, etc. during a handsfree call or video shooting. It may make your voice inaudible to the other party or disable recording video sound.

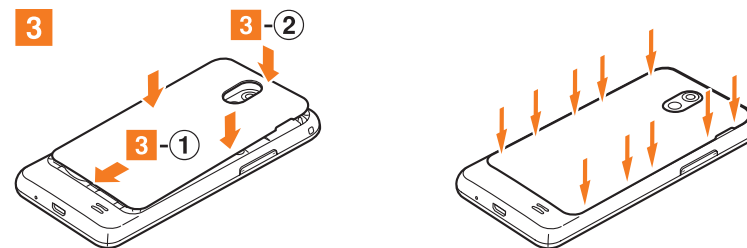
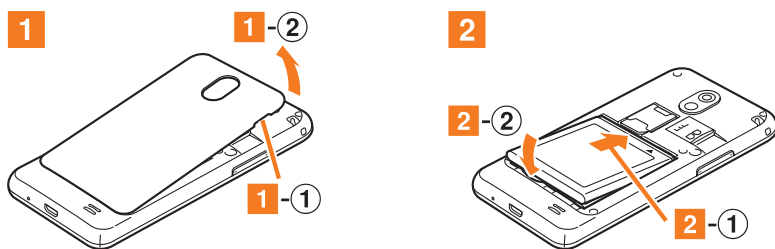
Attaching/removing the battery pack

- Before attaching/removing the battery pack and cover, turn the power off.
- Use only the battery pack specified for the ISW11SC.

Attaching the battery pack

- 1 Put your finger (fingernail etc.) into the part 1-① and lift the battery pack cover in the direction of 1-② to remove.**
- 2 Align the terminals of the ISW11SC with those of battery pack (2-①), then insert the battery pack in the direction of 2-②**
- 3 Put the tabs on the battery pack cover into the grooves of the ISW11SC and insert the battery cover in the direction of 3-① to attach, then push it into the direction of 3-②**

Push the tab parts one by one firmly to attach securely.

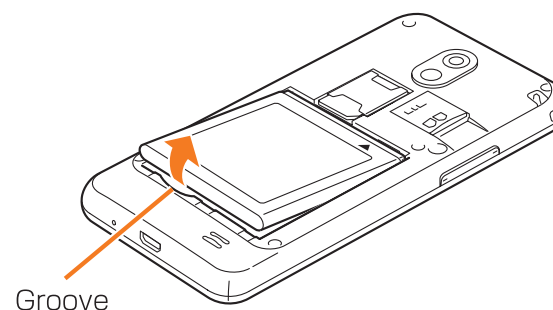


memo

- ◎ Attaching in the wrong way may damage the battery pack and cover.
- ◎ Align each tab with the groove and push along the edges not to leave spaces between the cover and the phone.

Removing the battery pack

- 1 Remove the battery cover**
- 2 Put your finger on the battery pack using the groove of the ISW11SC and lift the battery pack in the direction of the arrow to remove**



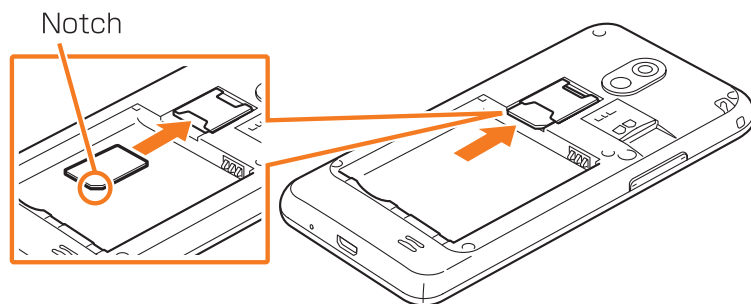
- 3 Attach the battery pack cover**

Attaching/removing the au IC-Card

- Before attaching/removing the au IC-Card, first turn the ISW11SC off, and remove the battery pack.

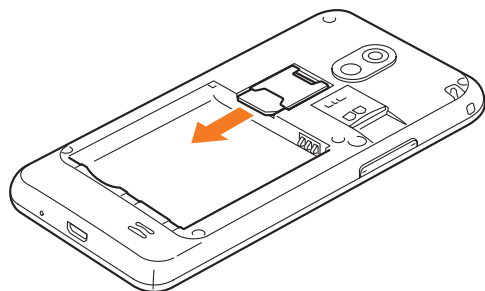
Attaching the au IC-Card

- 1 Remove the battery pack and cover, then with the IC (metal) side down, insert the au IC-Card at the orientation shown all the way into the card slot



Removing the au IC-Card

- 1 Remove the battery pack and cover, then holding the au IC-Card with your fingertip slide forward to remove

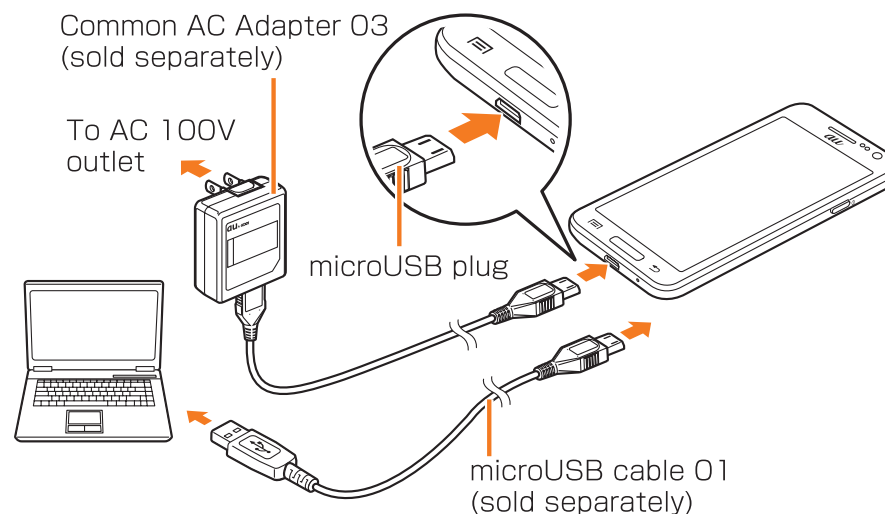


memo

- ◎ Note the following points, which may cause malfunction or damage, when handling the au IC-Card.
 - Do not touch the IC (metal) part of the au IC-Card or the IC card terminal inside the ISW11SC.
 - Insert the au IC-Card in the correct direction.
 - Do not use force to attach or remove the au IC-Card.
- ◎ If an au IC-Card is not inserted,  appears and making/receiving calls or communications cannot be performed. Emergency call to 110 (Police), 119 (Fire institution), 118 (Regional Coast Guard Headquarters) is not available, either.
- ◎ Do not lose the au IC-Card after it has been removed.

Charging

When you purchase your terminal, the battery pack is not fully charged. Be sure to charge the battery pack before use.



* You cannot charge using both the specified AC adapter (sold separately) and a PC at the same time.



- © The common AC adapter 01 (sold separately) uses 100 VAC used for households in Japan. Use an AC Adapter suitable for the country you visit for charging overseas. Do not use a voltage inverter for overseas traveling.
- © The common AC adapter 02/03 (sold separately) supports 100 to 240 VAC. Use only the common AC adapter 02/03 (sold separately) for charging overseas.

Charging using the AC adapter (sold separately)

The following describes how to charge the battery pack using the common AC adapter 03 (sold separately). (Note that your AC adapter may be different from this illustration.)

It takes about 170 minutes to charge the battery pack.

- 1 With the engraved side up, insert the microUSB plug of the common AC adapter 03 (sold separately) into the microUSB terminal of the ISW11SC horizontally**
- 2 Insert the power plug of the common AC adapter 03 (sold separately) into the outlet**
When charging is finished,  appears on the status bar.
- 3 When the charging is finished, pull the microUSB plug of the common AC adapter 03 (sold separately) straight out from the ISW11SC and the power plug out from the outlet**

Charging with a PC

To charge with a PC, microUSB cable 01 (sold separately) is needed. Make sure the direction to connect them properly. Attempting to forcibly connect may cause a damage.

- 1 With the engraved side up, insert the microUSB plug of the microUSB cable 01 (sold separately) into the microUSB terminal of the ISW11SC horizontally**

- 2 Insert USB plug of the microUSB cable 01 (sold separately) into the USB port of a PC**

When charging is finished,  appears on the status bar.

- If the found new hardware screen etc. appears on the PC, select "キャンセル (Cancel)".

- 3 When charging is finished, remove the microUSB cable 01 (sold separately) from the ISW11SC and PC**

Turning the terminal on/off

Turning the terminal on

- 1  (1 sec or more)**
The unlock screen is displayed.

Turning the terminal off

- 1 Press and hold  (1 sec or more)**
The phone options screen is displayed.
- 2 [Power off] → [OK]**

Setting the screen lock

If the screen lock is set, the screen backlight turns off to prevent the keys or touch panel from erroneous operation. If no operation is made during certain period of time, the screen of the ISW11SC automatically turns off and is locked in approximately five seconds.

1 While the screen is displayed,

Backlight turns off and screen lock activates.

Press  /  to turn the backlight on and display unlock screen.

Canceling the screen lock

The unlock screen appears when the power is turned on or backlight is turned on by pressing  / .

1 Unlock screen → Flick the screen up/down/left/right to unlock the screen

Initial settings

The first time the ISW11SC turns ON, follow the onscreen instruction to set up the functions.

1 Tap [言語変更 (Change language)]

2 Select "English"

3 Tap Android icon

Set up your Google Account screen appears.

4 Set Google account

Use Google location screen appears.

- If you set a Google account later, tap "Skip".

5 Set whether to use Google location → [Next]

Backup and restore screen appears.

6 Make backup and restore setting → [Next] → [Finish setup]

The home screen appears.

Setting up a Google account on your ISW11SC

To use Google services such as Google Talk, Gmail, and Android Market, set up a Google account on the ISW11SC.

1 Google account setup screen → [Next]

2 [Create]/[Sign in]

If you already have an Google account, tap [Sign in] and enter Username and Password, then tap [Sign in].

If you do not have one, tap [Create] and follow the onscreen instructions to register an account.



memo

© When you delete the Google account (if two or more Google accounts are set, the first Google account), "Factory data reset" is required.

Setting au one-ID

Set au one-ID to use service provided by au such as au one Market.

- 1 In the home screen, [Applications]
→ [au one-ID Setting]**
- 2 [OK] → [au one-IDの設定・保存 (Set/Register au one ID)]**
Tap "au one-IDとは？ (What's au one ID?)" to see the explanation or help of the au one-ID.
- 3 Follow the onscreen instructions to set your au one-ID**

If you already have an au one-ID, set your au one-ID.

Configuring initial e-mail setting

To use e-mail functions, subscription to IS NET is necessary. If you have not subscribed at the time of purchase, contact an au shop or Customer Service Center.

- 1 In the home screen, [E-mail]**
A screen asking whether to connect via packet communication appears.
- 2 [OK]**
When setting is complete, address setting completion screen appears, then your e-mail address appears.

Basic operation

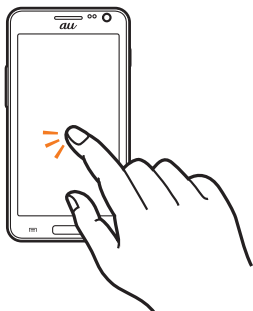
Using the touch panel

The display on the ISW11SC is a touch panel operated by touching it with your finger.

- The touch panel is designed to be touched lightly by your finger. Do not exert too much pressure with your finger or press sharp-pointed objects (fingernails, ballpoint pens, pins, etc.) against it.
- In the following cases, the touch panel may not work even if you touch it. It may also malfunction.
 - Operation with a gloved finger
 - Operation with your fingernails
 - Operation with foreign objects placed on the operation pad
 - Operation with protective sheets or stickers on the touch panel
 - Operation when the display is wet or fogged
 - Operation with wet or sweaty fingers

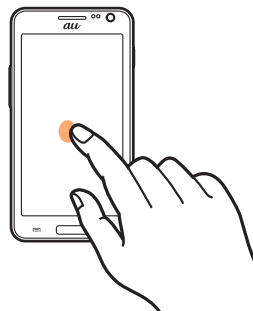
■ Tap/Double Tap

Tap: Gently touch a screen and then immediately release your finger. Double tap: Tap the same position twice.



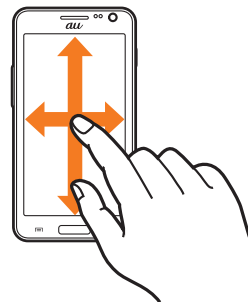
■ Touch and hold

Keep touching an item etc.



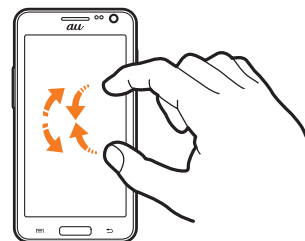
■ Slide

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



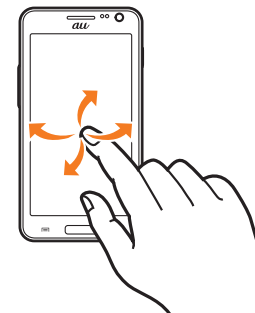
■ Pinch

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



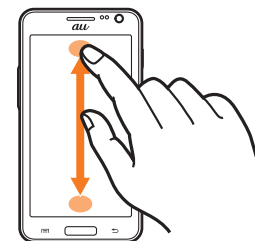
■ Flick

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



■ Drag

Keep touching an item or icon, trace it to the desired direction to move.



Using the home screen

The home screen is configured of multiple screens that can be switched by sliding/flicking left or right. You can return to the home screen at any time by pressing .



① Widgets

Tap to activate or operate.

② Shortcuts

Tap to activate applications or functions.

③ Home screen guide

Indicates which screen you are in.

④ Application icons

Tap to activate applications or functions.

Tap "Applications" to show the applications screen.

Starting an application

Tap an icon displayed on the applications screen to activate the application.

- Some applications and functions require communication charge. If you do not subscribe to IS NET, you are charged for the use of au.NET (monthly charge 525 yen for the used month) and communication fees.

Displaying the applications screen

1 In the home screen, [Applications]

Applications screen appears.

- Sliding/flicking from side to side to change applications screen.

Main applications

Applications	Overview
Contacts	Manage contacts.
Clock	Set an alarm, display clock, etc.
Calendar	Manage schedules.
Camera	Take still pictures or record videos.
Gallery	View still pictures or videos.
Music	Plays music.
Market	Download/Buy applications from the Android Market.
Maps	View current location, find another locations, calculate routes, etc.
Videos	Play videos.
Mail	Use PC-mail (several accounts can be set).
Gmail	Use Gmail.

Applications	Overview
Social Hub	Use an messaging application to combine PC-mail and SNS (Social Networking Service) to send PC-mail or update SNS information.
Game Hub	Download games from Mobage to play.
Samsung Apps	Allows you to download useful applications or update installed applications.
Settings	Make settings of the ISW11SC.
Google Search	Search in the ISW11SC or on the web pages.
Downloads	Shows download list.
Talk	Allows you to chat using Google Talk.
Task	Manage tasks.
Memo	Create memo.
Dictionary	Look up words in a dictionary.
Calculator	Performs basic calculations.
Voice recorder	Record voice.
Voice Search	Searches by voice sound.
Kies air	Connects to the ISW11SC via wireless LAN (Wi-Fi®) to manage data using browser such as a PC.
AllShare	Share files with DLNA (Digital Living Network Alliance) devices.
Mini diary	Create diary with pictures.
Photo editor	Edit still pictures.
Video maker	Edit videos.
News & Weather	Check news and weather foacast.
Places	Allows you to use information registered on the Google maps.

Applications	Overview
Latitude	Shares location information specified friends to communicate.
Navigation	Shows Google map navigation.
My files	View/Manage data of still pictures, videos, music, etc.
Polaris Office	Shows to edit or create Office document.
Task manager	Check, quit running applications.
YouTube	Plays YouTube videls.
Portable Wi-Fi hotspot	Allows you to use the ISW11SC as a mobile Wi-Fi® router.
HomeChange	Switches to the home screen with magnified font.
Backup	Backs up and restores data stored on the ISW11SC.
Flash Player Settings	Set how to activate applications with Adobe® Flash® Player.
netpeople:a* ¹	Search information on foodie destinations, areas, maps, transfers, etc.
Nドライブ (N drive)* ¹	Allows you to save data such as still pictures and videos on the online storage for free.
oricon music store* ¹	View news or ORICON ranking.
ビデオマーケット (Video market)* ¹	Allow you to enjoy videos such as movies, dramas, animations.
乗換案内 (Transfer)* ¹	Check transfer information, timetable, train service information, etc.

Applications	Overview
GREEマーケット (GREE Market)* ¹	This application allows you to browse games and other content provided by au one GREE. You do not need a GREE account in order to use this application.
LISMO Book Store* ¹	Enjoy many e-books such as comics, novels and photo albums.
LISMO Player* ¹	Plays music or checks information about the playing music.
Photo Air* ¹	This app will backup your photos that have taken with your smartphone to your computer automatically. ©KDDI/Powered by Eye-Fi
ナビウォーク (Navi Walk)* ¹	This is an application for navigating you to the best suited routes both for on foot and by vehicle.
au one	Connects the au one portal site.
au one Market	Allows you to install Android applications recommended by au.
au one-ID Setting	Set au one-ID.
au Wi-Fi接続ツール (au Wi-Fi connection tool)	Connects to a Wi-Fi network easily in an area where au Wi-Fi SPOT is available.
auお客さまサポート (au Customer Support)	You can check the subscription contents or monthly usage of your au phones etc. with this application. You can change your rate plan, apply for optional services and so on at au Customer Support website.
au災害対策 (au Disaster Countermeasure)	This is an application in which you can use Disaster Message Board and Early warning mail (earthquake early warnings and disaster/evacuation information).

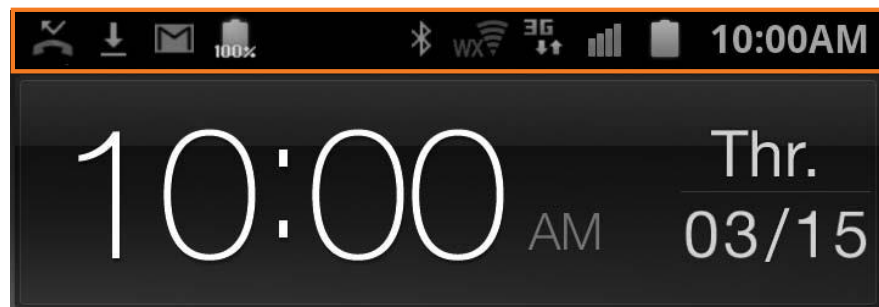
Applications	Overview
Facebook	Activates Facebook application.
Friends Note	"au one Friends Note" can manage Native Address Book of your phone and multiple social networking services in just one application.
GLOBAL PASSPORT PLUS	Check whether the connected carrier applies to Overseas Double-Teigaku or confirm the method of making international calls and the call fees.
NFC Menu	Shows compatible applications list with the NFC service, sets NFC lock, or makes NFC settings.
NFC TagReader	Scans/Writes NFC tag data. And acts according to the scanned data.
Skype	Makes a call or exchanges instant messages (chat).
SMS (C-mail)	Sends and receives SMS (C-mail).
ニュースEX (News EX)* ¹	Check latest news, weather, fortune-telling, etc.
安心アプリ制限 (Application filter)	Restricts applications and functions that you do not want your children to use.
Instruction Manual ISW11SC* ¹	Shows the ISW11SC Instruction Manual.
Tags	Manage scanned NFC tags or my tags.
Phone* ²	Make/Receive calls, view call logs, etc.
E-mail* ¹ * ²	Sends and receives e-mail with e-mail address of the ISW11SC (~@ezweb.ne.jp).
Internet* ²	Connects to the Internet.

*1 Application shortcuts to make easy to download/update. Download/Install applications before using.

*2 Found at the bottom of the home screen and applications screen by default.

Monitoring the product's status

Icons indicating the status of the ISW11SC appear in the status bar at the top of the screen. At the left of the status bar, notification icons indicating missed calls, new mail, running actions, etc. and at the right of the status bar, status icons indicating the status of the ISW11SC appear respectively.



Understanding icons

Main notification icons

Icon	Overview
	Outgoing, calling or receiving a call
	Missed call
	New Gmail
	New PC-mail
	New e-mail (~@ezweb.ne.jp)
	Certificating/sending/sent e-mail
	Failed to certificate/failed to receive e-mail
	Failed to send e-mail (~@ezweb.ne.jp)
	New SMS (C-mail)/Message notification or incoming notification for Voice mail service
	New instant message

Icon	Overview
	Downloading data in progress/complete
	Uploading data in progress/complete
	Uploading data onto Picasa, etc. complete
	Alarm is sounding.
	Alarm such as calendar activated
	Playing/pausing music in the background
	microSD memory card in preparation/scanning complete
	microSD memory card unmounted
	USB connected
	Error message
	Updates for installed applications notified from Android Market
	Software update set
	Installing/updating application complete
	AllShare activated
	Navigation activated
	Kies air activated
	VPN connected/VPN connection failed
	Wi-Fi Direct in use
	Power saving mode set/enabled
	USB tethering ON
	Wi-Fi® tethering ON
	Skype™ au signed in
	Playing music with LISMO Player
	Emergency earthquake information received
	Charging complete
	Notifications anonymous (number of notifications is shown)

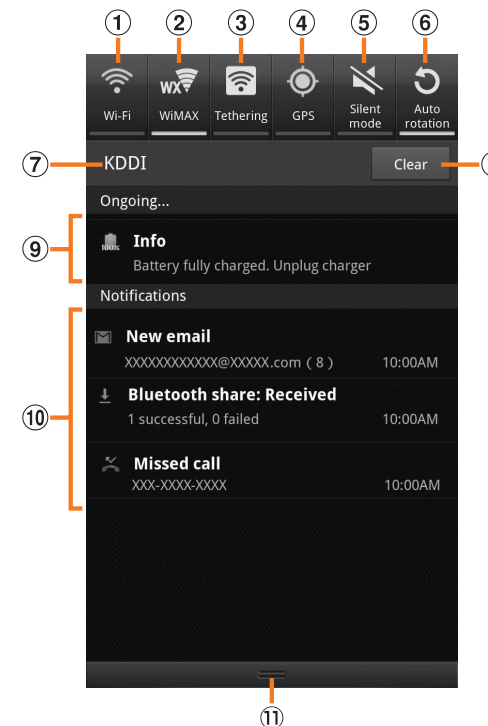
Main status icons

Icon	Overview
 / 	Strength of radio wave/Out of service area
	Strength of radio wave (during international roaming)
 / 	3G available/3G in use
 / 	CDMA 1X available/CDMA 1X in use
 / 	GPS positioning location (in animation display)/ positioning complete (animation display stopped)
 / 	WiMAX available/WiMAX in use
	Wireless LAN (Wi-Fi®) connected/in use
	Bluetooth® function ON
	Connected with Bluetooth® device
	Data synchronizing
	Airplane mode
	Silent mode
	Vibration is set.
	"NFC read/write, P2P" and "Share my tag" are set to ON.
	NFC lock ON
	Calling with handsfree (speaker)
	Calling with Mute (muting your voice)
 / 	Battery level: 100%/charging
	Alarm set
	au IC-Card not inserted

Notification panel

When a notification icon appears, you can open the Notification panel to check overview of the notification. Tap icon on the Notification panel to set functions or check the information notified.

1 Slide down the status bar



- ① Activate/Deactivate wireless LAN (Wi-Fi®) function.
- ② Activate/Deactivate WiMAX function.
- ③ Activate/Deactivate Wi-Fi® tethering.
- ④ Activate/Deactivate GPS function.
- ⑤ Activate/Deactivate silent mode.
- ⑥ Activate/Deactivate auto-rotate screen.
- ⑦ Displays network operator connected.
- ⑧ Deletes notification information
- ⑨ Displays information on running programs, operations being executed, etc.
- ⑩ Displays notification information about missed calls, mail reception, etc.
- ⑪ Slide up to close the Notification panel.

Character input

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

The following 3 types of keyboards are equipped for character entry.

- Samsung Japanese keypad
- Samsung Korean keypad
- Swype™

Switching the keyboard

- 1 Touch and hold the text entry field
- 2 [Input method]
- 3 Select input method you want to use

Entering text with Samsung Japanese keypad

For Samsung Japanese keypad, you can use two types of keypads: "3x4 key" and "QWERTY".

Switching the keypads

- 1 While the keypad is displayed, [
- 2 [3x4 key⇄QWERTY]

Switching the input mode

- 1 While the keypad is displayed, touch and hold [

- 2 Tap the input mode you want to use

Entering text with Swype™

You can enter characters by sliding your finger on target keys in the order you want to enter consecutively without releasing the finger from the keyboard (at beginning of the sentence, the top character may be capitalized automatically).

- You can also enter characters and symbols by tapping the keys.
- Tap or touch and hold  on the keypad to change input language.
- In the home screen, [] → [Settings] → [Language and keyboard] → [Swype] to set input option.

Phone

Making calls

1 In the home screen, [Phone] → "Keypad" tab

2 Enter the phone number of the other party

To call a landline phone, first input the city code, even if you are in that city.

- If you input the wrong number, tap  to delete the number you input.

Touch and hold  to delete the all the numbers you input.

3 []

4 When you have finished the call, tap [End call]

You can adjust the volume (loudness of the other party) during a call by pressing .



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Dial services available from au phones

- Call with fixed-line phones all over Japan
 - Call with cell phones, PHS, and car phones all over Japan
 - 010 (au International Call Service: Subscription is unnecessary)
 - 171 (Disaster Emergency Message Dial)
 - 177 (Weather forecast: The area code is necessary)
 - 117 (Time signal)
 - 104 (Directory assistance)
 - 115 (Sending telegram)
 - 110 (Emergency call to Police)★
 - 119 (Emergency call to Fire and Ambulance)★
 - 118 (Emergency call to Regional Coast Guard Headquarters)★
 - 157 (Customer Service Center)
 - Maritime telephone
- ※ The numbers added ★ are emergency call numbers. ISW11SC notifies your present location to the emergency call destination with a signal from a base station when you call to Police, Fire and Ambulance, or Regional Coast Guard Headquarters.
- ※ The following NTT services are unavailable. Collect call, message service, dial Q2, 116 (NTT business information)

Using history to make a call

On the logs, outgoing history, receiving history, missed call history can be checked.

1 In the home screen, [Phone]

→ "Logs" tab

The Logs screen is displayed.

: Incoming/received calls

: Outgoing/sent calls

: Missed calls

: Reject calls

: Calls from caller on the reject list

2 Select a party you want to call

Detail log screen appears.

3 [Phone icon]



memo

© Alternatively, tap the "Contacts" tab, "Favorites" tab to call a stored number.

Calling overseas from au phones (au International Call Service)

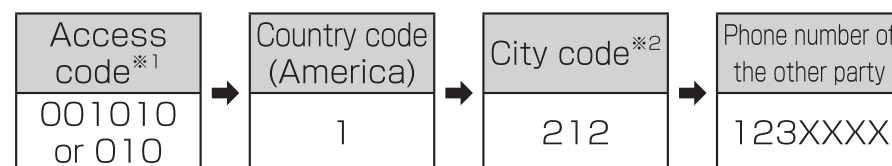
You can make international calls without any special procedure from your ISW11SC.

Example: To call "212-123-XXXX" in America from your ISW11SC

1 In the home screen, [Phone] → "Keypad" tab

2 Enter the access code, country code, city code, and the phone number of the other party → [Phone icon]

Access code varies depending on the country you call to.



※1 Touching and holding "0" inputs a "+" and "001010" is added automatically when you make the call.

※2 If the city code begins with "0", omit the "0" (however, some landlines, such as in Italy and Moscow, are different).

Receiving calls

1 You have an incoming call

2 Drag or slide  out of the circle

- To decline a call, drag or slide  out of the circle.

Checking your phone number

1 In the home screen,  → **[Settings]**
→ **[About phone]** → **[Status]**

Your phone number is shown in the "My phone number" field.

Mail

You can use the following types of mail on the ISW11SC.

- E-mail (~@ezweb.ne.jp)
- SMS (C-mail)
- PC-mail
- Gmail

Using E-mail

This service allows you to exchange e-mail (~@ezweb.ne.jp) with computers and cell phones that support e-mail. You can send text, photos, and video data.

- To use E-mail, a packet communications connection is required. It is also necessary to initialize settings in advance.
- To use E-mail functions, subscription to IS NET is necessary. If you have not subscribed at the time of purchase, contact an au shop or Customer Service Center.

memo

- ◎ You can use E-mail overseas also.
- ◎ The cost of transmitting packets varies depending on the volume of the data when sending or receiving e-mail. The transmission cost may be expensive when using the service overseas. For details, refer to the au catalog and the au homepage.
- ◎ Sending and receiving e-mail may take some time depending on if there is an attachment and the status of the connectivity in the service area.
- ◎ Sending/receiving e-mail is available via wireless LAN (Wi-Fi®) but initial setting is required packet communication.

Creating and sending e-mail

1 In the home screen, [E-mail] → "Create new"

Mail creating screen appears.

2

Alternatively, tap "Enter address" to directly enter an address.

3 Select quoting option

4 [Enter subject] → Enter subject

5 Tap the message field → Enter message text

6 [Done] → [Send] → [Send]

memo

- ◎ Decoration anime is not supported.
- ◎ You can save the message you are editing to the unsent folder by tapping "Save" on the mail creating screen.

Receiving e-mail

1 Receive e-mail

 appears in the status bar.

2 Drag the status bar downwards

3 [E-mail]

The E-mail screen is displayed.

4 Select a folder → Tap received e-mail

The contents of the e-mail are displayed.

Changing address

1 E-mail top screen/received mail screen/sent mail screen/unsent mail screen/search result list screen → → [More]

→ [E-mail settings]

Tapping [More] is not necessary on the E-mail top screen.

2 [Other settings] → [OK]

3 [Eメールアドレスの変更 (Change e-mail address)] → Tap password entry field → Enter a password (4 digits) → [送信 (Send)]

4 [承諾する (Agree)]

5 Tap e-mail address entry field → Enter the part of the address preceding "@" → [送信 (Send)] → [OK]

Using SMS (C-mail)

SMS (C-mail) is a service that uses phone numbers as addresses to exchange messages between cell phones.

Creating and sending an SMS (C-mail)

You can send a message (text of mail) using kanji, hiragana, katakana, alphanumerics, symbols, smileys, and emoticons. When sending is complete, you know that the SMS (C-mail) has reached the other party.

1 In the home screen, [Applications] → [SMS (C-mail)] → [Create new]

2 [

Alternatively, tap "Input Phone No." to directly enter an address.

3 Select quoting option

4 [Input text] → Input text

You can send up to 70 double-byte or 140 single-byte characters in a message.

5 [Send]

When SMS (C-mail) is sent a message appears indicating that the other party has received the mail.

Receiving SMS (C-mail)

1 Receive SMS (C-mail)

 appears in the status bar.

2 Drag the status bar downwards

3 Tap the number or name

Received mail list appears.

4 Tap received SMS (C-mail)

Received mail message screen appears.



- ◎ There is no charge for receiving SMS (C-mail).
- ◎ Depending on their content, some SMS (C-mail) may not be displayed correctly.

Using PC-mail

Using "Mail" application, you can set the account used on your PC, etc. on the ISW11SC to send or receive mail like a PC.

- You need to set up a PC-mail account beforehand to use PC-mail. Follow the onscreen instructions to set account before using.

Using Gmail

Gmail is Google's mail service. You can also check Gmail you have sent or received on your ISW11SC.

- To use Gmail, set up a Google account on your ISW11SC.

Creating and sending Gmail

1 In the home screen, [Applications] → [Gmail]

2 → [Compose]

3 [To] → Input the other party's mail address

4 [Subject] → Input the subject

5 [Compose Mail] → Input a message

6

Receiving Gmail

1 In the home screen, [Applications] → [Gmail]

2 Tap received Gmail

Using emergency early warning mail

The emergency early warning mail is a service that distributes emergency earthquake information or disaster evacuation information to all au cell phones in specified areas simultaneously.

* Distribution of "disaster evacuation information" as part of emergency early warning mail will start in the spring of 2012 at the earliest. Detailed information will be announced on au homepage.

The "Receive setting" for emergency early warning mail is set to "Receive" at the time of purchase. When you receive emergency earthquake information, ensure your safety and take proper action according to the situation around you.

1 In the home screen, [Applications]
→ **[au災害対策 (au Disaster Countermeasure)]**

2 [緊急速報メール (emergency early warning mail)]

Mail inbox appears.

Select a mail you want to check to show details.

3 削除 (Delete)		Deletes received mail.
設定 (Setting)	受信設定 (Reception setting)	緊急地震速報 (emergency earthquake information): Set whether to receive emergency earthquake information. 災害・避難情報 (disaster evacuation information): Set whether to receive disaster evacuation information.
	通知設定 (Notification setting)	音量 (Ringtone volume): Set ringtone volume. バイブ (Vibration): Set whether to activate vibrator. マナー時の鳴動 (Ringtone in silent mode): Set the ringtone in the silent mode.
	受信音／ バイブ確認 (Ringtone/ vibration confirmation)	緊急地震速報 (emergency earthquake information): Allows you to check ringtone and vibrator. 災害・避難情報 (disaster evacuation information): Allows you to check ringtone and vibrator.



memo

- ◎ A dedicated warning tone sounds if an emergency early warning mail is received. The warning tone cannot be changed.
- ◎ Emergency earthquake information is sent to areas where strong quakes (over 4 degrees) are expected during earthquakes ranging from 5 to 5.5 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.
- ◎ Emergency earthquake information may not arrive before strong tremors in areas near the epicenter.
- ◎ Disaster 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 early warning 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 are outside the responsibility of KDDI.
- ◎ Refer to the Japan Meteorological Agency web page for details about distribution of emergency earthquake information.
<http://www.jma.go.jp/>
- ◎ Emergency early warning mail cannot be received if your cell phone is turned off or during a call.
- ◎ You cannot or may not be able to receive emergency early warning mail when sending an SMS (C-mail) or e-mail, using browser, or if you are in a place where signal does not reach even in the service area (e.g. in a tunnel, basement) or in a place with a poor reception.
- ◎ In such case, the same warning mail cannot be received later again.
- ◎ Since emergency early warning mail uses a different delivery system, the reception time of emergency early warning mail may not coincide with the same emergency warnings broadcasted through TV, radio or other media.
- ◎ Information from someplace other than your current location may be received.

Internet

Using a browser

You can use a browser to view web pages just as you can on a computer.

- To use connect to the Internet, a packet communications connection, wireless LAN (Wi-Fi®) connection or WiMAX connection is required.

Displaying a web page

- 1 In the home screen, [Internet]**
Browser screen appears.
- 2 Tap address bar at the top of the screen**
Search screen appears.
- 3 Enter URL or keyword to be searched**
Keyword suggestions are listed under the address bar.
- 4 Select an item from the keyword suggestion/ [→] on the address bar**

Using bookmarks/history

You can check history or save bookmarks.

- 1 Browser screen → [🔖] on the address bar → "Bookmarks"/"Most visited"/"History" tab**
- 2 Tap bookmark/history to open**

Storing Bookmarks

- 1 Browser screen → [🔖] on the address bar → "Bookmarks" tab**
- 2 [★Add] in the thumbnail view/[★Add bookmark...] in the list view**
- 3 Check/Edit the name → Tap "Folder" field → Select a folder you want to save in → [OK]**

Applications

Using Contacts

You can see the contacts information on the contacts list screen of Contacts. You can also add pictures to contacts and show update information of Social Networking Service (SNS).

Registering a contact

- 1 In the home screen, [Applications]
→ [Contacts]

The contact list is displayed.

- 2 [] → [Phone]/[Google]

If no Google account is set, saving location selection screen does not appear.

- 3 Enter name

- 4 Input the required items

- 5 [Save]

Registering your profile

- 1 Contact screen →  → [My profile]

Profile screen appears.

- 2  → [Edit]

- 3 Enter required items → [Save]

Editing contacts

- 1 Contact screen → Tap contact you want to edit

- 2  → [Edit]

· To delete the contact,  → [Delete].

Shooting with the camera

You can shoot still pictures or record videos using the "Camera" application. Shooting/Recording is available in horizontal or vertical screen by tilting the ISW11SC.

Image recording precautions

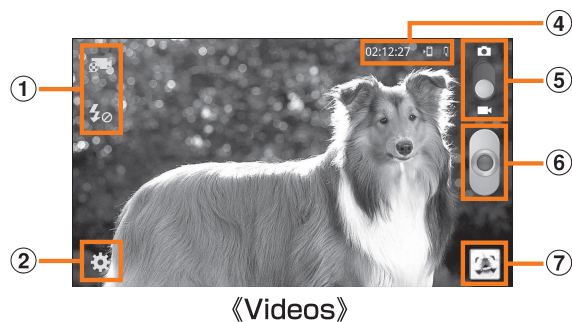
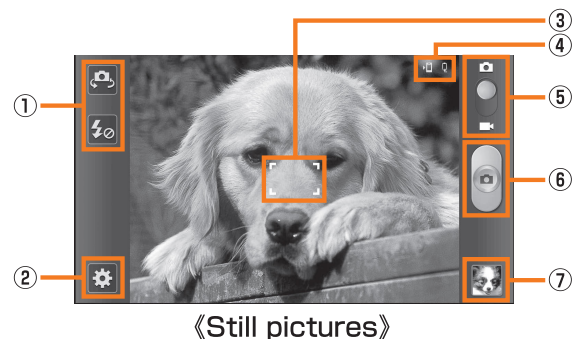
- Since the ISW11SC generates strong light, do not turn the photo light close to your eyes. Do not gaze at the light emitting part when the photo light is lighted. Do not turn the photo light in front of person's eyes. Doing so might cause impairment of eyesight, etc.
- The focus-lock sound and shutter sound when taking still pictures, and the record start sound and record end sound when recording videos are always produced even in silent mode.
- Placing the ISW11SC on an unstable surface when performing Self Timer shooting can cause it to fall when a vibrator operation or other operation is triggered by an incoming call, etc.
- If you cause the public any trouble using the ISW11SC, you may be punished under law or regulations (for example, nuisance prevention ordinance).

Understanding the shooting screen

The horizontal screen view is used for explanation purpose.

1 In the home screen, [Applications] → [Camera]

Icons in the default state are shown.



- ① **Operation icons**
Tap to change settings, etc.
- ② **Setting icon**
Opens setting menu.
- ③ **Focus frame**
- ④ **Available memory space, store location icon, charging icon**
- ⑤ **Shooting mode switch**
- ⑥ **Shutter**
- ⑦ **Preview image**
Tap to open the preview screen.

Shooting still pictures

1 In the home screen, [Applications] → [Camera]

2 Point the camera at the subject

- Press to adjust zoom (x1.0 up to approximately x4.0).

3

The shutter sounds and the taken still picture is saved.
Touch and hold to fix the focus on an object in auto-focus frame, then lift your finger to shoot.

Shooting video

1 In the home screen, [Applications] → [Camera]

2 Point the camera at the subject →

Start sound is emitted and recording starts.
Press (x1.0 up to approximately x4.0). If you shoot with resolution "1920x1080", zoom cannot be operated.

3 To stop shooting,

Stop sound is emitted and recorded video is automatically saved.



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- ◎ Tap on the still picture/video shooting screen to make the following settings:
Edit shortcuts, Self-portrait, Flash, Shooting mode, Scene mode, Exposure value, Focus mode, Timer, Effects, Resolution, White balance, ISO, Metering, Outdoor visibility, Anti-Shake, Auto contrast, Video quality, Guidelines, Image quality, GPS tag, Storage, Reset

Gallery

You can view still pictures and videos saved on the ISW11SC or microSD memory card and sort them. Supported file formats are as follows (some files cannot be played);

Still picture	JPEG, PNG, GIF, BMP
Video	MP4/3GP, AVI/DivX, MKV, WMV/ASF, FLV, WebM

1 In the home screen, [Applications] → [Gallery]

Folder list appears.

2 Tap a folder

Data list screen appears.

- Tap / to switch to lined-up view/superimposed view.

Viewing a still picture or video

1 Data list screen→Tap a still picture or video you want to view

- Tap the screen while the still picture is displayed to display operation icons or menu items, which allow you to perform the following operations;

/: Zoom the image in/out.

Send via: Sends displayed image data via PC-mail, etc.

Delete: Deletes displayed image data.

File management

Using a microSD memory card

You can save/move/copy data onto a microSD memory card (included microSDHC memory card) inserted to the ISW11SC.

- Do not turn off the ISW11SC or subject it to impact while microSD memory card data is being accessed. Doing so creates the risk of data corruption.



memo

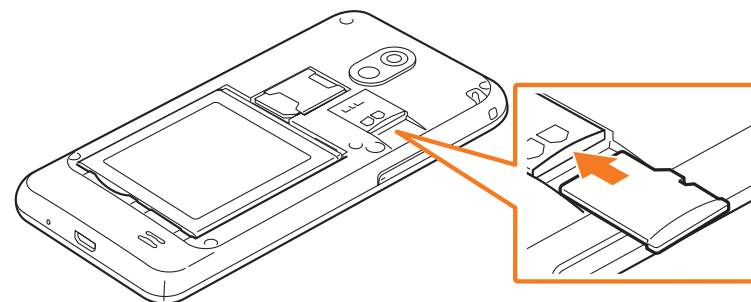
© Some applications require a microSD memory card, use the ISW11SC with the microSD memory card attached.

Attaching/removing a microSD memory card

Attaching a microSD memory card

- 1 Remove the battery pack cover, then with the contact (metal) side of the microSD memory card down, insert the microSD memory card at the orientation shown all the way straight into the microSD memory card slot**

Insert the microSD memory card until it clicks. If you lift your finger before it clicks, microSD memory card may jump out.



memo

- © Make sure of front and back/top and bottom of the microSD memory card.
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

When you remove microSD memory card, make sure to unmount (reading/writing disabled) the microSD memory card.

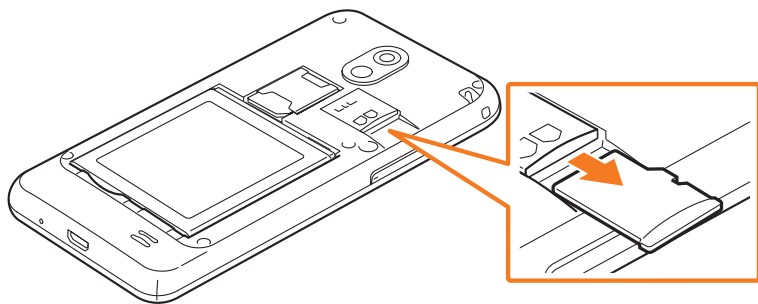
- 1 In the home screen, [Settings] → [Storage] → [Unmount SD card]**

If the microSD memory card is unmounted,  appears on the status bar.

- 2 Remove the battery pack cover, push the microSD memory card slightly**

If you lift your finger after strongly pushing, the microSD memory card may pop out.

3 Pull the microSD memory card straight out



memo

© If you try to remove the microSD memory card before unmounting, it may cause malfunction or data loss.

Formatting a microSD memory card

Formatting a microSD memory card erases all of the data currently stored on it.

- 1 In the home screen,  → [Settings] → [Storage] → [Unmount SD card]
- 2 [Format SD card]
- 3 [Format SD card] → [Erase everything]

Using Samsung Kies

You can synchronize data such as contacts, music, still pictures, videos with the ISW11SC or update software of the ISW11SC using Samsung Kies.

- Download Samsung Kies from the Samsung web site and install to your PC. For details, visit the web site as follows:
<http://www.samsung.com/jp/kies>

1 Activate Samsung Kies on a PC

2 Connect the ISW11SC and the PC with microUSB cable 01 (sold separately)

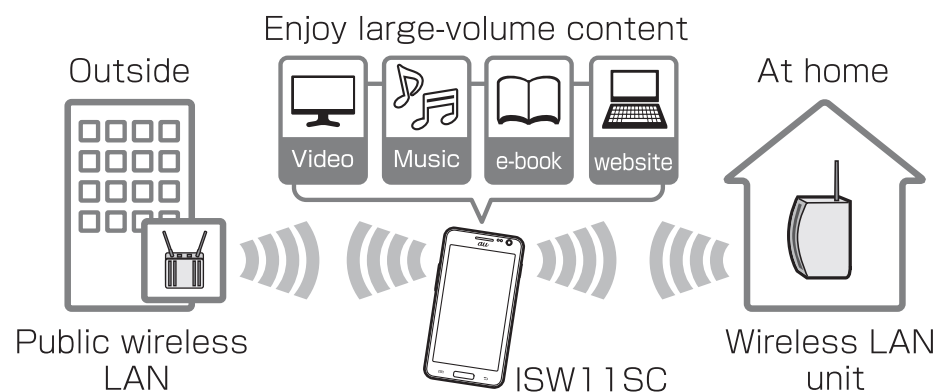
memo

© When using Samsung Kies, from the home screen,  → [Settings] → [Applications] → [Development] → Unmark "USB debugging".

Data communication

Using the wireless LAN (Wi-Fi®) function

You can connect to the Internet via home wireless LAN (Wi-Fi®) environment or public wireless LAN (Wi-Fi®) environment outside.



memo

© For home wireless LAN (Wi-Fi®) environment, internet connection and wireless LAN unit (Wi-Fi® network) are required.

Connecting Wi-Fi® network

1 In the home screen,  → [Settings] → [Wireless and network] → [Wi-Fi settings]

2 Mark "Wi-Fi "

The Wi-Fi® function turns on, and a search starts for Wi-Fi® networks that can be used.

3 Tap a Wi-Fi® network → "Connect"

- If you select a Wi-Fi® network that is protected by security, enter the password (security)* and tap "Connect".
※The password (security) is set at the access point. Contact the network administrator for details.
- To disconnect from a Wi-Fi® network, tap the Wi-Fi® network you are connected to → Tap "Forget".

memo

© Packet communications can be done while the Wi-Fi® function is on. However, the Wi-Fi® function has priority while connected to a Wi-Fi® network.
If the Wi-Fi® network is cut off, connection automatically switches packet communication.

WiMAX function

Using +WiMAX (Worldwide Interoperability for Microwave Access) you can enjoy large-volume data such as videos or music at home or when you are out. You can use the ISW11SC as a mobile wireless LAN router to connect up to 8 wireless LAN devices.

- +WiMAX is a charged service. For details, refer to the au catalog and the au homepage.

Connecting to a WiMAX network

1 In the home screen,  → **[Settings]**
→ **[Wireless and network]** → **[WiMAX settings]**

2 **Mark "WiMAX"**

When connection is established,  appears on the status bar.



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- ◎ Separated packet communication charges are applied when using WiMAX. Subscribing to the packet flat-rate service is recommended.
- ◎ If the Wi-Fi[®] function and WiMAX function are enabled and radio wave for connected network reduces to a certain level or less, the ISW11SC connects automatically to the other network. And if Wi-Fi[®] network and WiMAX network are cut off, packet communication takes the place automatically.

Function settings

Set up and manage ISW11SC functions. You can also make wireless LAN, security settings, etc.

Displaying the Setting menu

1 In the home screen,  → [Settings]

Setting Menu List

Settings	Outline
Wireless and network	Make communication settings such as Airplane mode, wireless LAN (Wi-Fi®), Bluetooth®, Mobile networks etc.
Call settings	Settings about call and network such as Call rejection, Voice mail, Call forwarding can be made.
Sound	Make sound settings such as silent mode, ringtone, notification ringtone, touch tone etc.
Display	Make display settings such as display font, wallpaper, brightness, orientation of screen, animation.
Power saving	Make settings for reducing battery consumption.
Location and security	Make security settings such as location information settings using wireless LAN or GPS, screen lock.
Applications	Make settings for installing or activating applications. And manage installed applications.
Accounts and sync	Make basic settings for managing online service accounts or synchronizing data.
Motion settings	Set Motion activation which detects the orientation of the phone etc. and operates the ISW11SC.
Privacy	Back up data, restore the default settings.

Settings	Outline
Storage	Check memory capacity of the microSD memory card and built-in memory of the ISW11SC or initialize them.
Language and keyboard	Set display language or make text input settings.
Voice input and output	Make Google voice recognition settings and Text-to-speech settings.
Accessibility	Set user support service etc.
Dock	Make settings when an external speaker is connected.
Date and time	Set date and time, date/hour format etc.
About phone	Check your own phone number, battery level, etc. Perform software update.

Switching phone and transmission functions on and off (airplane mode)

When airplane mode is set, wireless functions are disabled (telephone, packet transmission, wireless LAN (Wi-Fi®), WiMAX, and Bluetooth® functions).

1 In the home screen,  → [Settings]

2 [Wireless and network] → Mark "Airplane mode " → [OK]



memo

- ◎ You can press and hold  for one second or more, tap [Airplane mode] → [OK] to turn it on and off.
- ◎ When [Airplane mode] is selected, wireless LAN (Wi-Fi®) is turned off, but it can be turned back on while in airplane mode. Do not use wireless LAN (Wi-Fi®) in areas where the use of radio waves is restricted, such as in hospitals, airplanes.

Setting silent mode

1 In the home screen,  → [Settings]

2 [Sound] → Mark "Silent mode"



- ◎ You can press and hold  for one second or more, tap [Silent mode] to turn it on or off.
- ◎ The shutter tones, start and end tones in video photography, playing music sound and alarm sound even when silent mode is set.

Turning on the screen lock authentication

You can lock the screen, so other people cannot use it, by setting an authentication pattern/PIN/password to release the lock.

1 In the home screen,  → [Settings]

2 [Location and security] → [Set screen lock]

3 [Pattern]/[PIN]/[Password]

To cancel screen lock setting, tap [None].

Overseas usage

Settings related to overseas usage

To use your ISW11SC overseas, you need to switch to the network of the provider in the country you are visiting.

The overseas network condition is available on the au homepage. Make sure to check the condition before leaving Japan.

<http://www.au.kddi.com/service/kokusai/tokomae/>

■ When the ISW11SC is Stolen or Lost

- If the ISW11SC is lost or stolen while overseas, please contact au shop or Customer Service Center immediately to suspend phone service. Please be aware that any calling charges and packet communication charges incurred after theft or loss of a phone are the responsibility of the customer.
- If the au IC-Card inserted into the ISW11SC is stolen or lost, the card may be inserted into another mobile phone (including GSM mobile phone for overseas use) by a third party. So, it is recommended to set the PIN code to protect from improper use by a third party.

■ Acquiring a PRL (preferred roaming list)

The PRL (preferred roaming list) is information about overseas service providers with whom KDDI (au) has a contract for international roaming.

1 In the home screen,  → **[Settings]**
→ **[Wireless and network]**

2 **[Mobile networks]** → **[Roaming settings]**
→ **[PRL Settings]** → **[Update PRL version]**

Acquire PRL. Follow the on-screen instructions to download the PRL data.

A separate packet charge is incurred when downloading PRL data.



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- © Acquire the most recent PRL before traveling abroad. Note that you may not be able to communicate in some areas overseas if you use an old PRL.

Area Settings

Set area where the ISW11SC is used.

1 In the home screen,  → **[Settings]**
→ **[Wireless and network]**

2 **[Mobile networks]** → **[Roaming settings]**
→ **[Roaming network]**

3	Japan	Use in Japan.
	Automatic	Use CDMA network overseas.

International calling

Making a call outside the country you are visiting (including Japan)

You can make calls from a country you are visiting to Japan or another country.

1 In the home screen, **[Phone]**

2 **Input + (touch and hold "0") → Country code**
→ **Area code (city code) → Other party's phone number**

3 

Appendix

Introduction of related accessories

- Battery Pack (SCI11UAA)
- Desktop Dock (SCI11PVA) (sold separately)
- Portable charger 01 (O201PDA) (sold separately)*¹
Portable charger 02 (O301PFA) (sold separately)
- Common DC adapter 01 (O201PEA) (sold separately)*¹
Common DC adapter 03 (O301PEA) (sold separately)
- au Carrying Case F Black (O105FCA) (sold separately)
- 18-core microUSB conversion adapter 01 (O301QYA) (sold separately)
- microUSB cable 01 (O301HVA) (sold separately)
microUSB cable 01 Navy (O301HBA) (sold separately)
microUSB cable 01 Green (O301HGA) (sold separately)
microUSB cable 01 Pink (O301HPA) (sold separately)
microUSB cable 01 Blue (O301HLA) (sold separately)
- Common AC adapter 01 (O202PQA) (sold separately)*¹
Common AC adapter 02 (O203PQA) (sold separately)*¹
AC Adapter MIDORI (O205PGA) (sold separately)*^{1*2}
AC Adapter AO (O204PLA) (sold separately)*^{1*2}
AC Adapter SHIRO (O204PWA) (sold separately)*^{1*2}
AC Adapter MOMO (O204PPA) (sold separately)*^{1*2}
AC Adapter CHA (O204PTA) (sold separately)*^{1*2}
AC Adapter REST (LS1P002A) (sold separately)*^{1*2}
AC Adapter RANGERS (LS1P003A) (sold separately)*^{1*2}
AC Adapter CHARGY (LS1P001A) (sold separately)*^{1*2}
AC Adapter WORLD OF ALICE (LS1P004A) (sold separately)*^{1*2}

AC Adapter KiiRoll (LO1P005A) (sold separately)*^{1*2}
AC Adapter JUPITRIS (White) (LO2P001W) (sold separately)
AC Adapter JUPITRIS (Red) (LO2P001R) (sold separately)
AC Adapter JUPITRIS (Blue) (LO2P001L) (sold separately)
AC Adapter JUPITRIS (Pink) (LO2P001P) (sold separately)
AC Adapter JUPITRIS (Champagne) (LO2P001N) (sold separately)
Common AC Adapter 03 (O301PQA) (sold separately)
Common AC Adapter 03 Navy (O301PBA) (sold separately)
Common AC Adapter 03 Green (O301PGA) (sold separately)
Common AC Adapter 03 Pink (O301PPA) (sold separately)
Common AC Adapter 03 Blue (O301PLA) (sold separately)

- The Common AC Adapter 01 can be used only in Japan. Use the Common AC Adapter 02/03 for charging overseas.

*¹ Use 18-core microUSB conversion adapter 01 (O301QYA) (sold separately) to connect to the ISW11SC.

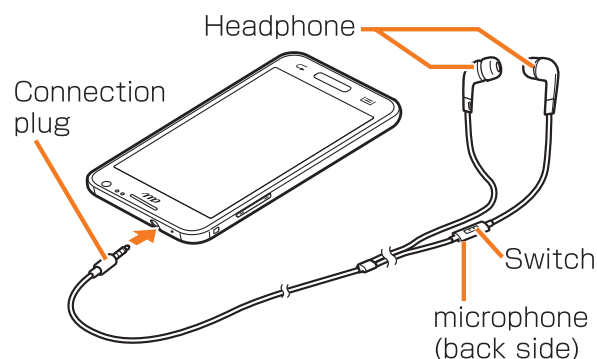
*² Same specifications as the Common AC Adapter 02.

Using Stereo Headset with Microphone (sample)

1 Connect the connector plug of the Stereo Headset with Microphone (sample) to the headset terminal of the ISW11SC.

Make sure the direction to connect them properly.
Attempting to forcibly connect may cause a damage.

- Use the switch to receive a call, end a call, play/stop music.



Troubleshooting

Symptom	What you should check
Cannot turn on power.	Is the battery pack charged?
	Is the battery pack attached properly?
	Is  pressed and hold for 1 second or more?
Cannot charge the battery pack.	Is the battery pack attached properly?
	Is the power plug of the specified AC adapter (sold separately) surely inserted into the outlet?

Symptom	What you should check
Battery usage time is short.	Do you often use the product in places where  (out of range) is displayed?
	Is the battery pack end-of-life?
Cannot operate touch panel as intended.	Are you operating with gloved hands?
	Are you operating with a fingernail or foreign object on the screen?
Cannot operate key/touch panel.	Is screen lock set?
	Is the power turned on?
	Turn off the power and then turn it on again.
The screen reacts slowly when the screen is tapped or a key is pressed.	When large amount of data is saved in the terminal or transferring large-size data between the terminal and microSD memory card, the reactions on the screen may be delayed.
au IC-card (UIM) error appears.	Is your au IC-Card inserted?
Cannot make calls.	Is your au IC-Card inserted?
	Did you enter the correct phone number? (Did you enter the phone number starting with the area code?)
	Is "Airplane mode" set?
	Did you set the correct area?
Cannot receive calls.	Is signal strong enough?
	Is the product out of the service area?
	Is "Airplane mode" set?
	Did you set the correct area?
	Is Call forwarding set?
Display is dark.	Is "Auto reject mode" set?
	Is "Power saving" set?
Cannot hear the other party.	Is the earpiece volume too low?
	Is the earpiece covered with your ear? Place your ear hole to the earpiece.
Cannot use NFC.	Is the battery pack charged?
	Is "NFC lock" set?
	Is "Airplane mode" set?

Symptom	What you should check
Cannot recognize a microSD memory card.	Is a microSD memory card inserted properly?
	Is the microSD memory card unmounted?

If you checked items on Troubleshooting but symptom is not improved, contact the following au Customer Support site of au homepage:

<http://www.kddi.com/customer/service/au/trouble/kosho/index.html>

Updating Software

■ Notes on software update

- When software update is necessary, you will be informed on au homepage, etc. For details, contact an au shop or Customer Service Center (call toll-free 157). In addition, users of the ISW11SC will receive a notice from au, when software update is necessary to improve the functionality of the ISW11SC.
- You are recommended to back up your data before updating software.
- Be sure to fully charge the battery pack before use. Updating software may fail if the battery level is low or becomes low while updating.
- Check the radio wave condition. Updating software may fail in poor reception areas.
- No operations can be made while updating. Calling to 110 (Police), 119 (Fire institution), 118 (Regional Coast Guard Headquarters) is not available, either. Alarm, etc. do not operate.
- If software update has failed or stopped, perform the same again.

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

Downloading and updating software

Update files can be downloaded from the Internet web site via wireless communication into the ISW11SC directly.

1 In the home screen,  → **[Settings]**

2 **[About phone]** → **[Software update]**

3 **[Update]**

When you activate for the first time, Disclaimer screen appears. Select country if necessary, check "Terms and conditions" and "Privacy Policy", then mark "I accept all the terms above" → **[Confirm]**.

After this step, follow the onscreen instructions.

Connecting to a PC for updating software

You can update software via a PC using "Samsung Kies".

After-sales service

When asking for repair

For repair, contact an au shop or Customer 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.

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- ◎ 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.
- ◎ Old mechanical parts replaced by the In-warranty repair service, Repair charge discount service or Renewal service after water soak/irreparable damage are collected and recycled by the Company and cannot be returned to the customer.

Performance parts for repair

The Company retains performance parts for repair of the ISW11SC main unit and its peripherals for six 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

An after-sales service membership program on a monthly basis called "Secure cell phone support" (monthly fee: 315 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, contact an au shop or Customer Service Center.

- After service details are scheduled to be changed. Detailed information will be announced on the au web site.

memo

- ◎ 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 Secure cell phone support membership is also handed over to the successor of the cell phone.
- ◎ When you get a new au cell phone by changing the model, purchasing an extra cell phone, or using the Loss relief service, etc., the Secure cell phone support membership for the old au cell phone is automatically canceled.
- ◎ Service contents are subject to change without notice.

■ au IC-Card

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

■ After-sales service

If you are unsure about anything regarding after-sales service, contact the Customer Service Center.

Services	Secure cell phone support members	Free members
① In-warranty repair service Feature: Repairs covered by the warranty is free of charge.	Five-year warranty service	Three-year warranty service
② Repair charge discount service Feature: Repair charges are discounted except for malfunctions due to water soak or irreparable damage.	Full refund (free of charge)	5,250 yen (including tax) charged to the customer
③ Renewal service after water soak/irreparable damage Feature: The renewal fee is discounted in case of malfunctions due to water soak or irreparable damage.	5,250 yen (including tax) charged to the customer	10,500 yen (including tax) charged to the customer

Services	Secure cell phone support members	Free members
④ Loss relief service	A maximum of 18,900 yen (including tax) is discounted from the purchase price.	A maximum of 6,300 yen (including tax) is discounted from the purchase price.
⑤ Free battery pack service	A free battery pack is offered for continuous use of the same au cell phone for more than one year (and three years).	None
⑥ No-claim bonus points	A 1,000-point bonus is offered for one-year continuous use of the same au cell phone without any service claim.	None



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Repair charge discount service

- ◎ Repairs due to water soak and irreparable damage are not covered by this service.
- ◎ 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 full refund for replacement of the outer casing due to stains, scratches, paint removal, etc. on the outer casing.

Renewal service after water soak/irreparable damage

- ◎ 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.

Loss relief service

- ◎ To use "Loss relief service", you need to submit a certificate of the theft or loss issued by a public agency such as police station or fire station. If you cannot get a certificate from the police station or fire station, you need to notify of the name of the public agency to which you reported the theft or loss, the date of report, and the acceptance number.
- ◎ Accidents due to disassembly by the customer and those intentionally caused by the customer are not covered by this service.

Free battery pack service

- ◎ We offer you a free battery pack each time you have used the same au cell phone for more than one year and then for more than three years (up to twice).
- ◎ You must submit a separate application to receive a free battery pack. You can apply for a free battery pack up to twice, once during the second to third year, and then during the fourth to fifth year.

No-claim bonus points

- ◎ We offer you a 1,000-point bonus of "au Point Program" for your using the same au cell phone for one year after purchase without using any of the Repair charge discount service, Renewal service after water soak/irreparable damage and Loss relief service.

* A one-year period is counted from the month of starting the Secure cell phone support subscription or acquiring the points, or from the month of an accident.

Main specifications

Display		Approx. 4.7 inches TFT 16,770,000 colors (Organic EL) 1,280×720 dots (HD)
Weight		Approx. 139 g (with battery pack attached)
Dimension (W × H × T)		Approx. 69 mm×133 mm×9.5 mm (Thickest part: 11 mm)
CPU		C210+QSC6085
User memory		Approx. 11 GB
Continuous stand-by time	In Japan	Approx. 420 hours: 3G Approx. 340 hours: 3G and wireless LAN (Wi-Fi®) Approx. 150 hours: 3G and WiMAX
	Overseas	Approx. 310 hours: USA/Mexico/Saipan/Chinese mainland Approx. 450 hours: Hawaii/Korea/Taiwan/Indonesia/Israel/India/Vietnam//Bangladesh/Bahamas/Hong Kong Approx. 600 hours: New Zealand/Thailand/Macau/Bermuda islands/Venezuela * As of December 2011
Continuous call time	In Japan	Approx. 670 minutes
	Overseas	Approx. 730 minutes: USA/Mexico/Saipan/Chinese mainland/Hawaii/Korea/Taiwan/Indonesia/Israel/India/Vietnam/New Zealand/Thailand/Macau/Bangladesh/Bermuda islands/Bahamas/Venezuela/Hong Kong * As of December 2011
Charging time		AC Adapter (Approx. 170 min.) DC Adapter (Approx. 290 min.)

Camera	Image pickup device	CMOS
	Effective pixels	Out-camera: Approx. 8,080,000 pixels In-camera: Approx. 2,070,000 pixels
Network environment		Wireless LAN (Wi-Fi®) (IEEE802.11a/b/g/n-compliant*) WiMAX
Bluetooth® function	Version	Bluetooth standard Ver.3.0+HS compliant
	Output	Bluetooth standard Power Class 1
	Communication distance*2	Within 10 m with no obstacles in the range
	Compatible profiles*3	OPP (Object Push Profile) HSP (Headset Profile) HFP (Hands-Free Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile) SPP (Serial Port Profile) PBAP (Phone Book Access Profile) HID (Human Interface Device Profile)
	Frequency bands	2.4GHz band (2.402GHz to 2.480GHz)

*1 2.4 GHz and 5 GHz are supported for IEEE 802.11n.

*2 Changes according to objects obstructing devices and signal reception.

*3 Specifications for conforming purpose of use of Bluetooth® devices defined by Bluetooth® standard.



© 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 ISW11SC 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 (*) 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 0.301 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 (O105FCA) (sold separately) recommended by KDDI (*2). In case you are not using the au Carrying Case F Black (O105FCA) (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 present scientific information does not indicate that use of mobile devices has any harmful effects on the human body. They recommend that if you are still worried about your exposure then you can limit your talk time or use a handsfree kit to keep the mobile phone away from your head and body. 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> (in Japanese only)

○ au homepage:
<http://www.au.kddi.com/>

○ SAMSUNG homepage:
<http://www.samsung.com/jp/support/sar/sarMain.do>

*1 Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

*2 Regarding the method of measuring SAR when using mobile phones in positions other than against the ear, the international standard IEC62209-2 was set in March 2010. On the other hand, Japanese technical regulation is currently under deliberation by the Committee for Radio Wave Utilization Environment set up in the Information and Communication Technology Group of the Advisory Committee on Information and Communications. (As of March 2011)

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.

FCC RF exposure information

Your handset is a radio transmitter and receiver.

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

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

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 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 highest SAR value for this model handset when tested for use at the ear is 0.256 W/kg and when worn on the body, as described in this user guide, is 0.700 W/kg.

Body-worn operation

This device was tested for typical body-worn operations with the back of the handset kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 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 under the Display Grant section of <http://www.fcc.gov/oet/ea/fccid/> after searching on FCC ID A3LSWDSCI11.

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

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■ Others

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- Playing back MPEG-4 Video that a customer engaged in personal and non-profit activities has recorded
- Playing back MPEG-4 Video obtained from a provider licensed by MPEG-LA

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For general information and charges (toll free)

From fixed-line phones: | From au cell phones:
 0077-7-111 | 157 without area code

PRESSING ZERO WILL CONNECT YOU TO AN OPERATOR
AFTER CALLING 157 ON YOUR au CELL PHONE.

For loss, theft or damage and operation information (toll free)

From fixed-line phones: | From au cell phones:
 0077-7-113 | 113 without area code

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

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



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