

Notes on usage

Qua phone

Be sure to read this manual before use

December 2015, 1st Edition



Be sure to read the following warnings before use.

Turn off the product or put it in Airplane mode before boarding an airplane. Use of cell phones on board is restricted. Follow the instructions of each airline.
Failure to do so may adversely affect on-board electronic equipment. Prohibited acts related to cell phone usage on an airplane may be punished by law.

For using the product in hospitals or medical institutions, abide by the instructions of that hospitals or medical institutions. Turn off the product where use of the product is prohibited.
Failure to do so may affect electronic equipment and electronic medical equipment.

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

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.

Chemically strengthened glass is used for the display of the product. In case it is broken, do not touch the broken part. Doing so might cause injury by the broken part. Contact an au shop or Keitai Guarantee Service Center.

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Handling precautions

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

Precautions common to the main unit, internal battery, charging equipment, au Nano IC Card 04, and peripheral devices

Do not apply excessive force to the product during use. Be sure not to put the product into a tightly packed bag or place a heavy object on the product in a bag. Sitting on the product in your pocket might damage the display or internal circuit board resulting in a malfunction.

Keeping an external device connected to the external connection terminal or earphone microphone terminal might damage the connector resulting in a malfunction. Such damage and malfunction are not covered by the warranty, even if there is no external damage.

To ensure the waterproof property (equivalent to IPX5 and IPX8) of the product, earphone microphone terminal cover, external connection terminal cover, and card slot cover firmly closed during use.

Note that the waterproof property is not guaranteed in every usage condition. Do not allow water to get inside the product or splash water on the charging equipment or optional accessories. Do not open or close the card slot cover in the rain or with water droplets on the product. Doing so might cause water intrusion resulting in internal corrosion.

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

Do not use the product in extremely hot, cold or humid places. (Use within an ambient temperature range of 5°C to 35°C and humidity range of 35% to 85%).

- Charging equipment
- Peripheral devices

Do not use the product in extremely hot, cold or humid places. (Use within an ambient temperature range of 5°C to 35°C and humidity range of 35% to 90%. It can be used temporarily within 36°C to 40°C.)

- The product Main unit

- au Nano IC Card 04 (attached to the main unit)

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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 product.
- When the product is used by a child, parents or guardians should thoroughly read the "Basic Manual", "Setting Guide", and "Notes on usage" (this manual) and teach the child how to use it.
- These instructions are divided into the following categories.

Explanation of indications used in this manual

	This symbol indicates the potential and imminent danger of death or serious injury (1) to a person from improper use.
	This symbol indicates the possibility of death or serious injury (1) to a person from improper use.
	This symbol indicates the possibility of personal minor injury (2) to a person or physical damage (3) from improper use.

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

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

⁽³⁾ Physical damage: This refers to extended damage to buildings, furniture, livestock, or pets.

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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.

Precautions common to the main unit, internal battery, charging equipment, au Nano IC Card 04, and peripheral devices

Be sure to read the following hazards before use.

- Be sure to use only the specified peripheral devices. Use of other devices might cause overheating, ignition, rupture, fault, or leakage of liquid.
- Do not use, store or leave the product in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun). Doing so might cause ignition, rupture, fault, fire or injury.
- Do 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.

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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 product are as follows.

"Qua phone" main unit

Part	Material	Surface treatment
Exterior case (Display side)	PA resin	Acrylic UV hard coating
Exterior case (Bottom, top of back side), card slot cover, power button, volume UP/DOWN button	PC resin	Acrylic UV hard coating
Display	Chemical hardened glass	Antifouling treatment
Back cover	Aluminum	Alumite treatment
Camera lens	PMMA resin	Hard coating
Earphone terminal	PA resin	-
Flashlight	PMMA resin	-

IC Card Tray Ejecting Tool for KYV37 (sample)

Part	Material	Surface treatment
Outer cover	POM resin	-

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.

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Be sure to read the following cautions before use.

Do not allow liquids, metal objects, burnable items, and other foreign matter to get inside the earphone microphone terminal, the external connection terminal, the microSD memory card slot or the au Nano IC Card 04 slot. Doing so might cause fire, electric shock, short circuit, or fire or injury.

Do not swing the product around by holding earphones or other accessories connected to it. Doing so might cause an accident or damage.

Keep the card slot cover closed when using the product. If the covers are open, dirt or water may get inside causing a fault.

If you have a weak heart, be careful when setting the vibration or volume for incoming calls to prevent them from adversely affecting your heart.

Do not place the product directly on sand at a beach, etc. If sand gets inside the microphone, speaker, etc., it might cause decrease of sound. If sand gets inside the product, it might cause overheating or a fault.

Internal battery

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

The internal battery is not fully charged at the time of purchase. Charge the battery before using the product. Charge the battery if you have not used the product for a long time.

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Be sure to read the following hazards before use.

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 internal battery is a consumable item. If the performance of the internal battery does not recover (e.g. the usable time after each charge has become extremely short), the battery is at the end of service life, so stop use. Failure to do so might cause overheating, ignition, rupture or leakage. Since the battery is built into the product, we keep your product and replace the battery for a fee. Please note that you may not be able to use the product for a certain period. This is not a malfunction. The life time of the internal battery depends on the usage etc.

Charging equipment

WARNING 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, electric shock or injury.

AC adapter (sold separately) that can be charged overseas: 100 V AC to 240 V AC

Firmly insert a power plug of specified charging equipment into the power outlet down to the base of pins. Incomplete insertion of the power plug might result in electric shock, overheating, ignition, injury or fire. Do not use when a specified charging equipment is damaged, or a power outlet is loose.

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Be sure to read the following hazards before use.

Do not damage, modify, twist, pull or place a heavy object on the cable of the specified charging equipment. Do not use a damaged cable. Doing so might cause an electric shock, short circuit, fire or injury.

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

Before cleaning the charging equipment, unplug its power plug of the specified charging equipment from the outlet. If the plug remains plugged in when you clean the equipment, it might cause a short circuit.

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

When the specified charging equipment is not to be used for a long time, disconnect the power plug from the power outlet. Doing so might cause 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, short-circuiting of electronic circuits, or injury. In the event that the product is splashed with liquid, immediately disconnect power plug of the specified charging equipment.

When not to be used for a long time, disconnect the specified charger's power plug from the power outlet. Do not loop the power code of specified charging equipment around the adapter unit. Doing so might cause electric shock, overheating, fire, fault or injury.

Do not forcibly bend a plug of the charging equipment or the connection between the connector and power cord. Doing so might cause electric shock, overheating, fire, fault or injury.

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

Before cleaning the charging equipment, unplug its power plug of the specified charging equipment from the outlet. If the plug remains plugged in when you clean the equipment, it might cause a short circuit.

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

When the specified charging equipment is not to be used for a long time, disconnect the power plug from the power outlet. Doing so might cause 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, short-circuiting of electronic circuits, or injury. In the event that the product is splashed with liquid, immediately disconnect power plug of the specified charging equipment.

When not to be used for a long time, disconnect the specified charger's power plug from the power outlet. Do not loop the power code of specified charging equipment around the adapter unit. Doing so might cause electric shock, overheating, fire, fault or injury.

Do not forcibly bend a plug of the charging equipment or the connection between the connector and power cord. Doing so might cause electric shock, overheating, fire, fault or injury.

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Touch Panel

Never use modified au cell phones. Use of a modified device violates the Radio Law and Telecommunications Business Law.

The product has acquired the certification of conformity with technical regulations for the specified radio station based on the Radio Law, the technical standards conformity approval for radio equipment based on Telecommunications Business Law, etc. and the "Technical Conformity Mark" can be confirmed in the product with the following operations. From Home screen → [基本機能 (Basic function)] → [Settings] → [About phone] → [Compliance information]

If the product is disassembled and modifications are made to the internal components, the certification of conformity with technical regulations, etc. will become invalid. Do not use the product with the certification invalid, as it is a violation of the Radio Law and Telecommunications Business Law.

Take care not to place magnetized items such as magnetic cards, speakers and TV sets near the product as it might cause malfunction.

Strong magnetic objects may cause misoperation.

The earphone microphone terminal is waterproof. However, it may not work when inserting a plug if water remains in it. Shake the product to drain water so as not remain water inside of the earphone microphone terminal, and then dry it before using.

When you put the product in your pocket or bag, make sure that the display does not come into contact with metal or other hard objects. Doing so might cause scratching or damage. Be aware that any metal or other hard cell phone strap that comes into contact with the display may scratch or damage them.

When suddenly brought into a warm place from a cold place, or when in a humid environment, 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 product. Note that when used under conditions such as this, humidity might cause corrosion or a fault.

Camera lens or inside of the display may mist over (dew formation) because of usage environment such as temperature or humidity. This is not a fault or malfunction.

Do not put stickers, etc. on the au Nano IC Card 04.

Camera

Use common courtesy when using the camera.

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.

Copyrights and rights of portrait

You are not allowed to copy, distribute, publish, modify or edit the data you shot, recorded or downloaded using the product without consent of the copyright holder, except for personal use, under the copyright law.

PIN code

PIN code

To prevent unauthorized use of the au Nano IC Card 04 by a third party, you can set the product to require PIN code entry every time the power is turned on. You also need to enter PIN code when setting whether PIN code entry is required.

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

- PIN code is "1234" and PIN code entry is set to not be required at the time of purchase. You can change PIN code to any four- to eight-digit number, and set PIN code entry to be required as necessary.
- Make sure to change the code before using the PIN for settings that PIN code entry is required.

PUK code

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

- PUK code is an eight-digit number given at the time of purchase, which is printed on the back side of the plastic card on which your au Nano IC Card 04 is attached.
- After entering PUK code, you need to set a new PIN code.
- If PUK code is incorrectly entered ten times consecutively, contact an au shop, PiPi or Customer Service Center.
- PIN code is not reset by initializing the product.

Notes on waterproof, dustproof, and shock resistance

This product has a waterproof property equivalent to IPX5¹ and IPX8², as well as a dustproof property equivalent to IP5X³ on the condition that the card slot cover is firmly closed. Also, the product has shock resistance that meet the MIL-SPEC⁴. (Confirmed by our in-house testing)

Specifically, you can call in the rain (less than 20 mm rainfall per hour) holding the product with a wet hand without umbrella, or use the product in a place in wetting risk such as bathroom or kitchen.

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Heat resistance

Do not expose the product to boiling water or hot air (hairdryers etc.). Also, do not use the product in saunas. The product is not heat resistant.

Draining the product

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

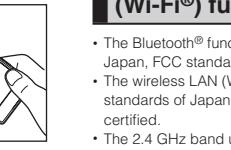
Follow the steps below to drain water.

1 Thoroughly wipe water off the surface of the product with a clean, dry, lint-free cloth



③ Place the product on a dry towel or cloth, then leave it at room temperature for a while.

3 Press the product lightly against a clean, dry, lint-free cloth, and then wipe off moisture in the gaps of microphone, speaker, external connection terminal, and earphone microphone terminal



4 Leave the product for 1 hour or more at room temperature to dry after removing drained water thoroughly

Even after you take these procedures, water may remain on the product. Do not place the product near things that you do not want to wet. Also, take care not to wet your clothes, bag, etc.

Precautions on charging

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

• Never charge the battery if the product is wet. Doing so might cause electric shock or short circuit resulting in fire, a fault or burns.

• When shaking the product, stay alert to your surroundings.

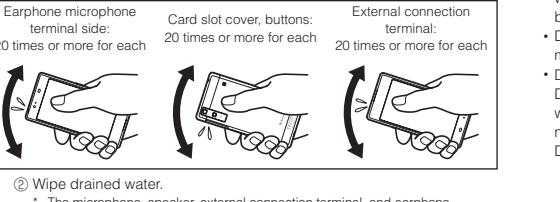
• Be careful not to have the product pop out, and hold it firmly to drain water.

2 Shake the product

① Hold the product firmly and shake it in the direction of arrows until water does not come out.

• When shaking the product, stay alert to your surroundings.

• Be careful not to have the product pop out, and hold it firmly to drain water.



Export Administration Regulations

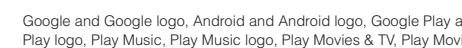
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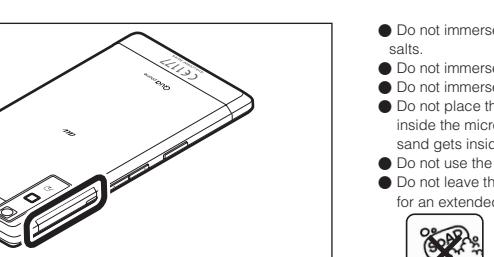
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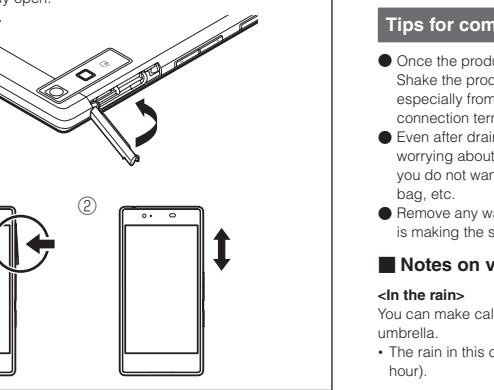
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Closing the card slot cover

After stowing the cover hinge, ① press on the cover with the flat part of your finger. ② Rub your finger over the cover in the direction of arrow to ensure that the cover is not partially open.



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

● Do not immerse the product in seawater, a swimming pool or hot spring, or if your hands are wet.

● Do not place the product directly on sand at a beach, etc. If sand gets inside the microphone, speaker, etc., it might cause decrease of sound. If sand gets inside the product, it might cause overheating or a fault.

● Do not use the product underwater.

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

Washing

You can wash the product by holding it about 10 cm below a faucet or shower head with tap water in room-temperature (5°C - 35°C) and running at a moderate flow rate (up to 6 liters per minute).

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

● Hold the card slot cover so as not to open, and wash the product with your hands. Do not use a brush or sponge.

● Do not wash the product in a washing machine or ultrasonic bath.

● Do not spray the product with, or immerse it in, any liquid other than tap water, such as soap or detergents.

In the bath

You can use the product in a bathroom.

● Although you can call with the product with wet hands, do not immerse it in bathwater. The product is not resistant to hot temperatures.

● Do not use the product in a bathroom for an extended period of time. The product is not moistureproof.

● Do not immerse the product in hot spring or water mixed with soap, detergent, or bath salts. Also, do not use the product underwater. Doing so might cause a fault.

● Extreme changes in temperature cause condensation. Before taking the product from the cold into a warm bathroom, wait until the product reaches room temperature.

● If condensation occurs on the inside of the display, leave the product at room temperature until the condensation disappears.

When the product is dirt, wash the product with hands holding the card slot so as not open. Do not use brush etc.

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● When water droplets are put on the display, the touch panel may cause malfunction.

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

● Do not place the product directly on sand at a beach, etc. If sand gets inside the microphone, speaker, etc., it might cause decrease of sound. If sand gets inside the product, it might cause overheating or a fault.

● Do not use the product underwater.

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

Wearer

You can make calls holding the product with wet hands after a shower.

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

● Do not use the product underwater.

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

Washing

You can wash the product by holding it about 10 cm below a faucet or shower head with tap water in room-temperature (5°C - 35°C) and running at a moderate flow rate (up to 6 liters per minute).

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

● Hold the card slot cover so as not to open, and wash the product with your hands. Do not use a brush or sponge.

● Do not wash the product in a washing machine or ultrasonic bath.

● Do not spray the product with, or immerse it in, any liquid other than tap water, such as soap or detergents.

● Do not place the product in a hot spring or water mixed with soap, detergent, or bath salts.

● Extreme changes in temperature cause condensation. Before taking the product from the cold into a warm bathroom, wait until the product reaches room temperature.

● If condensation occurs on the inside of the display, leave the product at room temperature until the condensation disappears.

When the product is dirt, wash the product with hands holding the card slot so as not open. Do not use brush etc.

● Remove any water from the microphone and speaker, especially if the water is making the sound unclear.

When the product is dirt, wash the product with hands holding the card slot so as not open. Do not use brush etc.

● Do not expose the product to hot water. The product is not resistant to hot temperatures.

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

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

● Do not place the product directly on sand at a beach, etc. If sand gets inside the microphone, speaker, etc., it might cause decrease of sound. If sand gets inside the product, it might cause overheating or a fault.

● Do not use the product underwater.

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

At a poolside

● Do not immerse or drop the product in pool water. Also, do not use the product underwater.

● Never open or close the card slot cover if the product is exposed to rain, or if your hands are wet.

● If the product gets splashed with pool water, immediately rinse it off with tap water in room temperature, because pool water contains chlorine for disinfection. To wash the product, do not use a brush, etc.

Under a kitchen

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

● Do not splash the product with, or immerse it in, any liquid other than tap water, such as soap, detergents, condiments, or juice.

● Do not immerse the product in or splash it with boiling water. The product is not resistant to hot temperatures.

● Do not place the product in an area that becomes extremely hot or cold, such as near a stove or in a refrigerator.

Precautions

Card slot cover

Make sure that the card slot cover is firmly closed. Even small foreign matter on the seals, such as a hair or grain of sand, may allow water into the product.

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

Charging

Never charge the battery if the product is wet.

The optional accessories are not waterproof.

Waterproof property

Do not use the product in places where it may be sprayed with high-pressure water (e.g. near a faucet or shower head) or submerge it in water for extended periods of time, as the product is not designed to withstand high water pressure.

Also, do not expose the product to a strong flow of water running at the specified rate (6 liters per minute) or more – a flow of water that is strong enough to cause skin pain (for example, when running from a faucet or shower head). Doing so may cause the product to fail, although it has a waterproof property equivalent to IPX5. Do not wash the product in a washing machine or ultrasonic bath.

The product does not float on water.

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● Operation procedures and screen appearances of the applications preinstalled in the product and those installed by you are subject to change without notice as a result of version upgrade. In addition, operation procedures described in this manual may differ from the actual procedures.

Specific Absorption Rate of Cell Phone

The Qua phone model cell phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This cell phone has been designed in observance of the Japanese technical regulations regarding exposure to radio waves and limits to exposure of radio waves recommended 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