# **SHARP**

Please read before using the handset.

# AQUOS sense lite **SH-M05**

Notes and Precautions

J-STAY smartphone set rental Thank you for using our service. Be sure to carefully read this document to ensure proper operation. This document contains information on safe use of your handset. \*This is a translation of the Quick Start Guide (Japanese) included with the

product. You can download the User's Manual (Japanese) from the following LIBL or OB code on the right 

http://k-tai.sharp.co.jp/support/other/shm05/manual/ index.html

 As with PCs, some user-installed apps, user-accessed websites, etc. may disrupt the stability of your handset performance or unexpectedly transmit information via the Internet causing improper use of your location information, personal information stored on the handset, etc. Therefore, verify the supplier and operating conditions of

Ver.

- the apps, websites, etc. to be used before using them. When the available space on the microSD card or the handset is insufficient, apps in use may not work properly. In this case, delete saved data. The handset automatically performs communication for some functions, such as synchronizing data, checking the latest software version or maintaining a connection with the server. Also, establishing communication with large-volume data such as downloading apps or watching videos will lead to higher packet communication charges. Subscription to flat-rate packet communication services is highly
- recommended. Even while the Wi-Fi connection is set, packet communication charges may be Incurred depending on the app and service you use. The handset system can be updated to up-to-date status. Refer to the User's Manual (PDF file) for details.
- Secure the security of the handset by setting Screen lock in case you lose it
- If your handset is lost, change your password for each account using a PC to prevent other persons from using Google™ services such as Gmail™ and Google Play™, and services such as SNS. Apps and their service contents are subject to change without prior notice.
- For using services and apps provided by a third party including Google Inc., check the terms of service of Google or the respective providers etc. Sharp shall not be liable for any failure caused by related services and apps. If the terms of service etc. is displayed, follow the instructions on the screen and
- operate. When using tethering, a subscription to flat-rate packet communication services is
- highly recommended.
- The display is manufactured using high-precision technology, but it may contain dots that fail to light or that remain permanently lit in some areas. This is a characteristic of the display and not a malfunction. Note that Sharp shall not guarantee operation of commercially available peripheral

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Do not place the equipment where the young children can reach it

A young child may swallow the equipment, or suffer bodily injury, electric

Be careful when using the handset continuously for a long time or whe

charging because it may become warm. Also, be careful not to touch it

unintentionally for a long time when you fall asleep etc. The handset, AC adapter, or USB Type-C cable may become warm when using an app, making a call, data communication, watching a video, etc. for a long

an app, making a can, data communication, watching a video, etc. for a fong time or when charging. Directly touching a warmed part for a long time may cause redness, itching, rashes, low-temperature burns, etc. on your skin depending on your physical constitution or health condition.

<u>∧</u>Danger



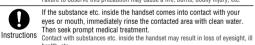
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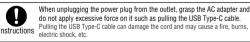
Handling the handset

shock, etc.

Do not throw the handset into a fire or heat it. Failure to observe this precaution may cause a fire, burns, bodily injury, etc. Do not apply excessive force on the handset such as puncturing it with a nail (sharp object), hitting it with a hammer (hard object) or stepping on Failure to observe this precaution may cause a fire, burns, bodily injury, etc.







When plugging/unplugging the USB Type-C cable into/from the handset, 0 plug/unplug it straightly toward/from the terminal, not applying excessive force on it such as pulling the cord Not plugging/unplugging it correctly may cause a fire, burns, bodily injury, electric shock, etc.

If the charger terminal is bent or deformed in any way, stop using it immediately. Do not use the deformed charger terminal after returning it 0 to its original shape. Instructions The charger terminal may short-circuit and cause a fire, burns, bodily injury,

electric shock, etc. If you are not going to use the AC adapter, grasp the AC adapter and R. unplug the power plug from the outlet eaving the power plug with it plugged into the outlet may cause a fire, burns, electric shock, etc. Power Plug

If a liquid such as water (drinking water, sweat, seawater, pet urine, etc.)



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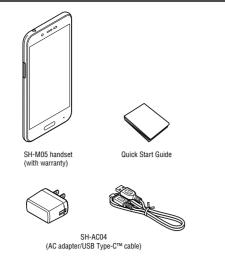
adheres to the device, immediately grasp the AC adapter and remove the ower plug from the outlet. used by attached substance etc. may result in a fire, burns, Power Plug electric shock, etc. Grasp the AC adapter and unplug the power plug from the outlet before

**R** cleaning the device. Failure to observe this precaution may cause a fire, burns, electric shock, etc. if Unplug the you do not unplug it. Power Plug









asic Package

· In addition, there is also a "Help" guide for rental handsets included with the product. • For information on separately sold items compatible with the handset, refer to the following website. http://k-tai.sharp.co.jp/support/other/shm05/index.html

-1-· This SH-M05 model smartphone complies with Japanese technical regulations and

international guidelines regarding exposure to radio waves. Refer to the User's Manual (PDF file) for details on the Specific Absorption Rate Refer to the User's Manual (PDF file) for details on the Export Administration Regulations

# Precautions (ALWAYS FOLLOW THESE DIRECTIONS)

- Before use, read these "Precautions" carefully and use your handset properly. After you have finished reading this guide, keep it in a safe place. These precautions contain information intended to prevent bodily injury to the user and to surrounding people, as well as damage to property, and must be observed at
- ving symbols indicate the different degrees of injury or damage that may The following occur if the information provided is not observed and the handset is used improperly This symbol indicates that death or serious

<u>/ Danger</u> bodily injury(\*1) may directly and nmediately result from improper use. This symbol indicates that death or serious / Warning bodily injury(\*1) may result from improper use.

This symbol indicates that minor injury(\*2) and/or property damage(\*3) may result <u>Caution</u> from improper use. Serious bodily injury: This refers to loss of eyesight, bodily injury, burns (high- and

Denotes board and a strain of the star attendance as an outpatient. Property damage: This refers to extended damage to buildings, furniture, livestock, pets, \*3

## <u>∧</u>Warning

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- Do not illuminate or emit the mobile light directly at someone's eyes.  $\bigcirc$ Especially when you use it for young children, keep it at a sufficient Failure to observe this precaution may cause visual impairment etc. Also, eyesight may be temporarily affected leading to accidents etc. Prohibited
- Do not illuminate or emit the mobile light at anyone driving a car or other vehicles  $\bigcirc$ Failure to observe this precaution may prevent a driver from driving safely and cause a traffic accident etc. Prohibited Do not watch the screen which is flashing repeatedly for a long time.
- $\bigcirc$ Do not allow water or other liquids (drinking water, sweat, seawater, pet
- $\bigcirc$ urine, etc.), metal, flammable material or other foreign objects to enter the nano SIM card and microSD card tray slot on the handset. Also, do not insert a nano SIM card or microSD card in the wrong place Prohibited or facing the wrong way. Failure to observe this precaution may cause a fire, burns, bodily injury, electric
- Do not expose the camera lens to direct sunlight etc. for an extended  $\bigcirc$ period. The light-collecting mechanism of the lens may cause a fire, burns, bodily injury Turn off the handset or set it to Airplane mode before going aboard an
- 0 ice using the handset on airplanes is restricted, follow the instructions given Instructions by the respective airlines. The handset's signals may interfere with the operation of electronic devices
- Instance on the airplane. If you commit a prohibited act while using the handset on an airplane, you may be ounished by law. Follow the instructions given by the respective medical facility regarding 0 the use of the handset in a hospital.
- urn off the handset in areas where the use of mobile phones is prohibited. The handset's signals may interfere with the operation of electronic devices and electronic medical equipment. - 13 -

## Handling the nano SIM card

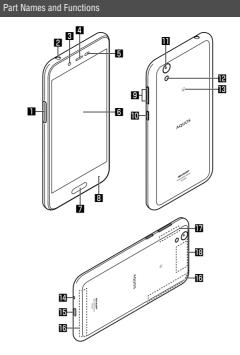
- ▲Caution Be careful not to injure any part of your body, such as fingers, with the 0 notch section when handling the nano SIM card. The notch section may be sharp and may cause bodily injury etc.
- Handling near electronic medical equipment

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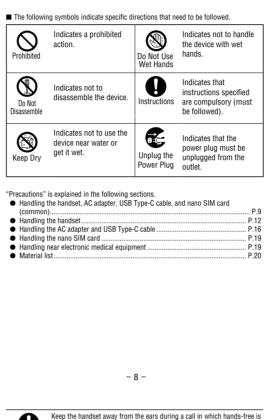
# <u>∧</u>Warning

- If you have electronic medical equipment such as an implanted cardia Q pacemaker or an implanted cardioverter-defibrillator, always carry or use your handset at least 15 cm away from your implant. he handset's signals may have harmful effects on the operation of the ronic medical equipment.
- Patients receiving medical treatment away from a medical facility (e.g. home treatment) who are using electronic medical equipment other than implanted cardiac pacemakers or implanted cardioverter-defibrillators 0 Instruction should consult the respective manufacturers etc. for information regarding the effects of signals on the equipment. he handset's signals may have harmful effects on the operation of the
- onic medical equipment. If there is any chance that the distance between the handset and a person 0 closest to you may get shorter than 15 cm such as when you cannot freely move around, set the handset not to emit radio wave in advance Instruction (by setting Airplane mode, turning the power off, etc.). one nearby may be using electronic medical equipment such as an
- implanted cardiac pacemaker. The handset's signals may have harmful effects on the operation of the electronic medical equipment.
  - Follow the instructions given by the respective medical facilities regarding the use of the handset on their premises. e handset's signals may have harmful effects on the operation of the electronic medical equipment.

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- 0 Reep the natioset away from the ears outing a call in which natioshee set, while the ingtone is inriging loudly, during stand-by, etc. When you attach the earphone/microphone etc. to the handset to play games, video/music, etc., do not make the volume too loud. During a call in which hands-tree is set, loud sound will be emitted from the handset. Even during stand-by, the ringtone or alarm sound may activate surden/v
- ning to loud sounds for a long time may cause hearing loss or othe damage to your hearing. Also, listening at an excessively high volume may prevent you from hearing ambient sounds and cause an accident.
- If you have a weak heart, take extra precautions when setting functions 0 such as the vibrator and ringtone volume for incoming calls. You may be startled by the sudden vibrating or ringing for incoming calls, and may have harmful effects on your heart.
- If you are using electronic medical equipment etc., contact the respective 0 manufacturer or dealer to check whether the operation of the equipment
- s affected by signals. The handset's signals may interfere with the operation of electronic medical quipment etc. Turn off the handset near high-precision electronic devices or devices 0 that use weak electronic signals.
  - The handset's signals may interfere with the operation of electronic devices. \*Take particular care with the following devices: Hearing aids, implanted cardiac pacemakers, implanted cardioverterdefibrillators, other electronic medical equipment, other equipment controlled by electronic signals, etc. If you use an implanted cardiac pacemaker, implanted cardioverter-defibrillator or other electronic medical equipment, contact the respective manufacturer or dealer to check whether the operation of the
- equipment is affected by signals. If the display part or camera lens is damaged, be careful of broken glass 0 and the exposed inside of the handset. Touching the broken or exposed parts may cause burns, bodily injury, electric shock, etc
- If the internal battery leaks or emits an unusual odor, immediately stop 0 ising the handset and move it away from any naked flames or fire. The battery fluid is flammable and could ignite, causing a fire, explosion, etc.

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Material list

Handset		
Part	Material/Surface treatment	
Display side	Reinforced glass/Antifouling coating	
Surrounding area of display side	PA resin (with glass)	
Back	PC resin + ABS resin/Coating, hard coating, printing	
Power key	Aluminum/Anodizing	
Volume up/down key	Aluminum/Anodizing	
Fingerprint sensor	Epoxy resin/Hard coating	
Camera panel	Acrylic resin + PC resin/Hard coating	
Mobile light	PC resin	
Earpiece/Speaker mesh	Polyester resin	
nano SIM card and microSD card tray (exterior section)	PC resin/Coating, hard coating	
nano SIM card and microSD card tray	POM resin	
Gasket of the nano SIM card and microSD card tray	Silicon rubber	
nano SIM card and microSD card tray slot	PA resin (with glass)	
IMEI plate	PET resin/Printing	

AC adapter (SH-AC04)		
Part	Material/Surface treatment	
AC adapter case	PC resin	
Resin in the power plug portion of the AC adapter	PBT resin	
AC adapter power plug	Brass/Nickel plating	
Metal shell of the USB connector	Brass/Nickel plating	
Resin portion of the USB connector	PBT resin	

## Do not apply strong pressure to the handset or break it. Especially when carrying the handset in your pocket, be sure not to hit it against other objects or allow it to get caught between objects. Bamage to the internal battery may cause a fire, burns, bodily injury, etc. \*Take particular care regarding the following: Sitting or squatting down while the handset is in the pocket of your trousers Getting the handset caught between a door or vehicular door while it is in our coat pocket Stepping on the handset while it is placed on a soft object such as the sofa or bedding, or the floor

nano SIM card and microSD card tray

Earphone/Microphone terminal

Proximity sensor/Brightness sensor

the brightness of the backlight.

operation of the touch panel during a call.

area. The sensor may not work properly.

· The proximity sensor detects the distance to the face and prevents inadvertent

The brightness sensor detects the brightness of the surrounding area and adjusts

. Do not cover the sensor area with your hand or place a sticker etc. on the sensor

Use to unlock the touch panel etc. by fingerprint authentication

· Use as a microphone when recording videos or talking to EMOPA.

area with your hand may influence the communication quality

The antennas on the back side are built into the main body. Covering the antenna

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<u> </u>Danger

Do not use, store or leave the equipment in locations subject to high temperatures or accumulation of heat (near a fire or heating unit, in a kotatsu or bedding, under direct sublight, inside a vehicle on a hot day, etc.). Failure to observe this precaution may cause a fire, burns, bodily injury, electric shock etc.

Do not place the equipment inside cooking appliances such as microwave ovens and induction cookers or high pressure vessels such

Failure to observe this precaution may cause a fire, burns, bodily injury, electric

Do not sprinkle sand, soil or dirt on the equipment or put the equipment directly on it. Also, do not touch the device when there is sand etc. on your hand.

Failure to observe this precaution may cause a fire, burns, bodly injury, electric shock, etc. Refer to the following for details on the waterproof/dustproof performance.

Do not charge the equipment while it is wet with liquids such as water

(drinking water, sewat, seawater, pet urine, etc.). Failure to observe this precaution may cause a fire, burns, bodily injury, electric shock, etc. Refer to the following for details on the waterproof performance.

Handling the handset, AC adapter, USB Type-C cable, and nano SIM card

Front camera

4 Earpiece/Speake

6 Display/Touch panel

8 Incoming/Charging lamp

Mouthpiece/Microphone

Built-in antenna\* Wi-Fi/Bluetooth® antenna\*

GPS antenna\*

(common)

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Prohibited

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Prohibited

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Prohibited

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Prohibited

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Do Not Disassemble

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USB Type-C connection jack

(+)/[(-): Volume up/down kev]

Adjusts the volume in each function.

An IC card is built in (it cannot be removed).

Use to turn the power on/off, etc

· Use to turn the display on/off.

7 Fingerprint sensor

10 ((ひ): Power kev

Back camera

12 Mobile light

B Smark

Do not attempt to disassemble or modify the equipment. Failure to observe this precaution may cause a fire, burns, bodily injury, electric shock, etc.

Do not allow a pet etc. to bite the handset. 0 may cause a fire, burns, bodily injury, etc. Instructions

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# ▲Caution

For using a motion sensor and geomagnetic sensor, check the safety around, hold the handset and do not swing it more than necessary.  $\bigcirc$ Failure to observe this precaution may cause an accident such as bodily injury Prohibited

 $\bigcirc$ If the display is broken and the internal substance etc. then leaks, do not If the display is broken and the internal substance etc. then leaks, do not get it on your skin (face, hands, etc.), clothes, etc. Failure to observe this precaution may result in damage to your eyes, skin, etc. If the internal substance etc. comes into contact with your eyes, mouth, skin or clothes, immediately rinse the contacted area with clean water. Also, if it comes into contact with your eyes or mouth, seek medical treatment immediately after rinsing the contacted area. Prohibited

Do not dispose of the handset with ordinary waste. Do not uspose of the frankset with orbitary waste. Failure to observe this precaution may cause a fire, burns, bodily injury, etc. It may also cause damage to the environment. For information on what to do with unnecessary handsets, contact the number listed in "General Inquiries" on the warranty or follow the instructions by a local institution that handles used

If the substance etc. inside the internal battery leaks, do not get the liquid If the substance etc. Inside the internal battery leaks, do not get the liquit on your skin (face, hands, etc.). Failure to observe this precaution may result in damage to your eyes, skin, etc. If the internal substance etc. comes into contact with your eyes, mouth, skin or clothes, immediately rinse the contacted area with clean water. Also, if it comes into contact with your eyes or mouth, seek medical treatment immediately after rinsing the contacted area. Prohibited

If you use the handset in a vehicle, contact the vehicle manufacturer or dealer to check whether the operation of the vehicle is affected by

signals. The handset's signals may interfere with the operation of electronic equipment in

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## USB Type-C cable (SH-AC04)

Part	Material/Surface treatment
USB plug	Thermoplastic elastomer
Metal parts of the USB plug	Steel plates/Nickel plating, PBT resin
Cord portion	Thermoplastic elastomer
Type-C plug	Thermoplastic elastomer
Metal parts of the Type-C plug	Stainless steel/Nickel plating, liquid crystal polymer

### Handling Precautions

- General notes The SH-M05 is waterproof/dustproof, however, do not allow liquid such as water (drinking water, sweat, seawater, pet urine, etc.) or foreign objects such as dust ge nside the handset and do not allow them to adhere to the specified AC adapter or USB Type-C cable
- e specified AC adapter. USB Type-C cable, and nano SIM card are not waterproof/dus Do not use in humid or steamy areas such as bathrooms and avoid exposure to rain and othe orms of moisture. If they are carried close to the skin, perspiration may cause internation components to corrode and result in malfunction. If a problem is found to be the result of noisture, the handset and parts will not be covered by warranty. For details on repair, contact number listed in "General Inquiries" on the warran · Clean only with a soft and dry cloth (such as the type used for eyeglasses).
- v may scratch its surface Water drops, dirt, etc. left on the display may cause stains to form on its surface.
  Never use chemicals such as alcohol, thinners, benzene or detergents, as these agents may rase the printing or cause disc
- ionally clean the terminals, the fingerprint sensor, etc. and always keep such • Occ areas clean If the handset is used when the terminals etc. are unclean, the handset may not work
- Recareful not to damage the terminals etc. while cleaning them
- Do not place the equipment near an air conditioning vent Condensation formed due to rapid changes in temperature may may cause internal corrosion and

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tems before use





 The back cover cannot be removed. Removing it forcibly may cause damage or a malfunction.

The battery is built into the handset and you cannot replace it by

yourself

IMEI plate

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When inserting/r

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Keep Dry

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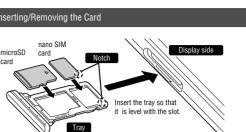
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handset

urn off the powe

 A plate with a sticker on which the IMEI number (International Mobile Equipment Identifier). CE mark, etc. are printed is stored near the nano SIM card and microSD card tray slot. The IMEI number will be required when you contact the number listed in "General Inquiries" on the warranty. Do not pull out the plate or remove the sticker. Note that pulling out the IMEI plate forcibly or applying force to it may

damage the plate. If you accidentally pull out the IMEI plate, slowly return the IMEI plate while taking care not to insert it too far.



ving a nano SIM card or microSD card, make sure to insert/remove the card into/from the correct location in the correct direction after you The tray is installed in the handset.

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Do not get the equipment wet with liquids such as water (drinking water, sweat, seawater, pet urine, etc.). Failure to observe this precaution may cause a fire, burns, bodily injury, electric shock, etc. Refer to the following for details on the waterproof performance.

Do not allow liquids such as water (drinking water, sweat, seawater, pet urine, etc.) to get inside the charger terminal or external connection jack. Failure to observe this precaution may cause a fire, burns, bodily injury, electric shock, etc. Refer to the following for details on the waterproof performance. P.29 "Waterproof/Dustproof Performance"

Always use the specified AC adapter and USB Type-C cable with this

Using a device other than the one specified may cause a fire, burns, bodily injury, electric shock, etc.

## ▲Warning

Do not subject the equipment to strong force, impacts or vibration such as letting it fall, stepping on it or throwing it. Failure to observe this precaution may cause a fire, burns, bodily injury, electric

hock, etc. Do not allow conductive materials (such as metal objects and pencil lead) to come into contact with the charger terminal or external connection

jack or dust to get inside it. Failure to observe this precaution may cause a fire, burns, bodily injury, electric shock, etc. Do not cover or wrap the equipment with bedding etc. when using or

charging. Failure to observe this precaution may cause fires, burns, etc.

If charging is not completed after the specified charging time, stop charging. harging, etc. may cause a fire, burns, bodily injury, etc.

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If you notice any abnormalities in your skin from using the handset, immediately stop use and seek medical treatment. Use of the handset may cause itching, rashes, eczema, etc. depending on your physical tution or health condition Refer to the following for details on the materials of each part. P.20 "Material list"

Make sure that there is no metal (a blade of cutter, staple, etc.) on the handset because the earpiece/speaker section and back camera section contain parts that generate magnetic waves.

The attached substance may cause bodily injury etc.

Look at the display in a well-lit place, keeping a certain distance. Viewing in dark places or too closely may affect

Handling the AC adapter and USB Type-C cable

## ▲ Warning

Do not use if the cord of the USB Type-C cable is damaged. use a fire, burns, electric shock, etc.

Never use the AC adapter or USB Type-C cable in humid locations such as a bathroon

ailure to observe this precaution may cause a fire, burns, electric shock, etc Do not touch the AC adapter or USB Type-C cable if you hear thunder. Failure to observe this precaution may cause electric shock et

Do not short-circuit the charger terminal when connected to an outlet. Also, do not allow any part of your body (hands, fingers, etc.) to come into contact with the charger terminal. on may cause a fire, burns, electric shock, etc Failure to observe this pre-

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Do not apply excessive force to the handset when using it.

carrying the handset in a tightly packed bag or putting it in your pocket and sitting on it may ause a malfunction or damage the display, internal components, internal battery, etc. ing an external connector device plugged into the external connection jack may cause a

 Do not drop or otherwise subject to strong impact.
 Failure to observe this precaution may cause a malfunction or damage.
 Note that malfunctions deemed to be caused by inappropriate operation by the customer are not covered by the warranty.

Notes about the handset · Do not forcefully press the display or operate with a pointed object. unction or damage

Failure to observe this precaution may scratch the display and cause malfunction or damage. Avoid using the handset in extremely high or low temperatures. Use the handset within the range of a temperature between 5°C and 35°C and a humidity between 45% and 85%. Refer to "What you can do with the waterproof/dustproof performance of the SH-M05" in the User's Manual (PDF file) for details on using the handset in bathrooms. Using the handset close to land-line phones, TVs, radios, etc. may have harmful affects on the operation of such equivant. Means af a yave as one-sible from such

effects on the operation of such equipment. Move as far away as possible from such • Data stored on the handset should be backed up to a microSD card, PC, cloud, etc. or

kept in a separate memo. Sharo shall not be liable for any loss of co When connecting an external connector device to the external connection jack, do not

insert it at an angle and do not pull it while it is plugged in. ilure to observe this precaution may cause a malfunction or damag • The handset may become warm during use or charging but this is not a malfunction.

 Do not leave the camera lens in direct sunlight.
 Failure to observe this precaution may cause discoloration or burn-in of pixels.
 Use the handset with the nano SIM card and microSD card tray closed. Liquid such as water (drinking water, sweat, seawater, pet urine, etc.) or foreign objects such as dust may get inside and cause a malfunction.

• Do not subject the fingerprint sensor to strong impact or scratch the surface. ilure to observe this precaution may cause not only a malfunction of the fingerprint sensor but may also disable authentication.

- The tray is required to load the nano SIM card. Make sure not to lose it. Hook the tip of your finger into the groove and pull it out toward you.
   When inserting the nano SIM card, load it onto the tray and insert the tray into the
- handset. When inserting the tray, return it to its original location. Be sure not to insert it into
- To maintain waterproof/dustproof performance, securely push in the tray and make sure there is no space between the handset and the tray.

### Using the Handset

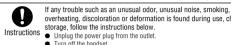
- The handset supports LTE, W-CDMA, GSM/GPRS and wireless LAN systems. Because the handset relies on radio signals, it cannot be used in a place with no signal (such as tunnels, underground or in buildings), in places with a weak signal or outside the service area. You may not be able to use the handset in the upper floors of a building even with no obstructions in sight. There may also be times when the a binding even with no osstucions in sign. The flag also be times when the signal is strong and [**W**] (indicating signal status) is displayed, and you are not moving but the call is interrupted. Because the handset uses radio waves, it is possible for a third party to listen in on a
- conversation. However, since the LTE, W-CDMA and GSM/GPRS systems automatically apply a private call feature to every call, a third party that tries to listen
- In only hears noise. The handset converts conversations into a digital signal and sends it to the other party over the radio. If the signal cannot be reconverted properly due to reasons such as moving to an area with a weak signal, the voice may not be heard correctly. Take notes of information (e.g. the phonebook, calendar, note, voice memo
- answering memory stored on the handset or save the information to external memory devices such as microSD cards and PCs periodically. Sharp shall not be liable for any loss of content due to a failure, repair, model change or other handling of the handset.

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Be sure to turn off the handset and not to charge the battery in locations where flammable gas may be generated such as gas stations and where dust is generated. Using the equipment in a location where flammable gas etc. is generated may

cause explosions, a fire etc. When using Osaifu-Keitai in locations such as gas stations, be sure to turn off the power in advance. (If NFC/Osaifu-Keitai lock is set, disable the lock before turning off the power.)



Instructions Unplug the power plug from the output in data in the set of the power plug from the output in the set of the power plug from the output. • Turn off the handset. Failing to follow the instructions above may cause a fire, burns, bodily injury, electric shock, etc.

## ▲Caution



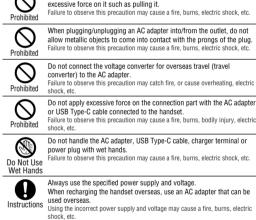
Do not use a damaged equipment. Failure to observe this precaution may cause a fire, burns, bodily injury, etc. Do not leave the equipment on unstable surfaces, such as on a wobbly

table or sloped surface. Be especially careful while the vibrator is set The equipment may fall and cause injury etc. Do not use or store the equipment in locations that are subject to humidity, dust or high temperatures. Failure to observe this precaution may cause a fire, burns, electric shock, etc.

Refer to the following for details on the waterproof/dustproof performance P.29 "Waterproof/Dustproof Performance If being used by a child, have a guardian teach him/her the proper

handling procedures and do not have him/her use it improperly ailure to observe this precaution may cause bodily injury etc

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power plug with wet hands. Failure to observe this precaution may cause a fire, burns, electric shock, etc.



Always use the specified power supply and voltage. When recharging the handset overseas, use an AC adapter that can be Using the incorrect power supply and voltage may cause a fire, burns, electric Specified AC adapter: 100V AC to 240V AC (exclusively for household AC

outlets) 0 Wipe off any dust on the power plug. Using a power plug with dust accum lated on it may cause a fire, burns, electric shock, etc.

> Fully plug the AC adapter or USB Type-C cable into the outlet. ing it securely may cause a fire, burns, electric shock, etc

> > - 17 -

- While using a microSD card, do not remove the card or turn off the handset. ve this prec
- Never place a magnetic card or magnetized items near the handset. The stored magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may
- highly magnetized items close to the handset may cause a malfunction not decorate the handset with films, stickers, etc. Each function for using the proximity sensor may not work normally. Refer to the following for details on the position of the proximity sensor P.2 "Part Names and Functione"
- The internal battery is not covered by the warranty because it is a consumable
- product. Depending on the usage, the internal battery may swell out as it approaches the end of its . sable life Change the battery if its life becomes extremely short even after it is fully charged or the
- battery swells out. For details on replacing the internal battery, contact the number listed in eral Inquiries" on the warranty Charge the battery in areas where the ambient temperature is between 5°C and 35°C.
- The battery life depends on the usage environment and the deterioration of th
- Do not store the handset under the following conditions because they may lower the performance or shorten the usable life of the internal battery. Storage with the internal battery fully charged (immediately after charging is completed) Storage with no battery level (cannot turn the handset on)
- roximately 40% is recommended as the proper battery level for storage

The following is the type of the internal bat	tery built into the handset.
Label	Battery type
Li-ion00	Lithium-ion

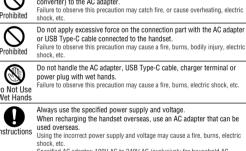
- material is used on the surface of the handset. Note that aluminum is a soft material and can dent and scratch easily
- Notes on the AC adapter and USB Type-C cable

Use the specified AC adapter and USB Type-C cable to charge the battery.
Charge the battery in areas where the ambient temperature is between 5°C and 35°C.

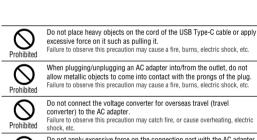
- 23 -

- Do not charge the internal battery in the following locations.
- Areas with high humidity or dust, or in areas exposed to frequent vibrations

# $\bigcirc$ Prohibited







• The AC adapter and the USB Type-C cable may become warm during charging but

- When using an outlet with a feature to prevent the plug from being removed accidentally, follow the instructions in the outlet user's guide.
  Do not subject to strong impact. Also, do not deform the charger terminals.
- ailure to observe this pred tion may cause a malfunction

## Notes on the nano SIM card

- ${\ensuremath{\bullet}}$  Do not apply unnecessary force when inserting/removing the nano SIM card. • The customer is responsible for malfunctions arising from inserting the nano SIM card into a different IC card reader/writer etc.
- Occasionally clean the IC area and always keep it clean. If the nano SIM card is used when the IC area is not clean, it may not work properly.
- Clean only with a soft and dry cloth (such as the type used for eyeglasses).
  Data stored on the nano SIM card should be backed up to a microSD card, PC, cloud, etc. or kept in a separate memo.
- Sharp shall not be liable for any loss of content
- Do not damage, touch haphazardly or short-circuit the IC rve this precaution may cause data loss or a malf
- Do not drop or otherwise subject the nano SIM card to strong impact rve this precaution may cause a malfu
- Never bend the nano SIM card or place heavy objects on it.

What you can do with waterproof/dustproof of SH-M05

To maintain waterproof/dustproof performance, check the followings

vaterproof/dustproof performance of the SH-M05

Things to keep in mind

card and microSD card tray.

any gaps.

Precautions

 Do not insert the nano SIM card to the handset with a label, sticker, etc. attached to the card. Failure to observe this precaution may cause a malfunction

- 24 -

Close the anno SIM card and microSD card tray securely. Be careful not to apply excessive force on the rubber gasket when opening and closing.
Make sure that the nano SIM card and microSD card tray is completely closed without

In order to maintain the waterproof/dustproof performance, the nano SIM card and

In order to maintain the water providus proof performance, the hand SiM card and microSD card tray is designed so it can be securely closed. Note that opening it forcibly may cause injuries to your nails, fingers, etc.
 Refer to the User's Manual (PDF file) for details on how to open/close the nano SIM

I of maintain water providus proof performance, replacement of parts is recommended every 2 years regardless of whether the handset appears normal of abnormal. Sharp replaces the parts as a chargeable service. Contact the number listed in "General Inquiries" on the warranty for information on replacing parts.

When your hands are wet or water/foreign object is on the handset, do not open/close the nano SIM card and microSD card tray.
Close the nano SIM card and microSD card tray securely. Even a fine foreign object

If the handset gets we with water or other liquids with the nano SIM card and microSD card tray opened, the liquid may get inside causing an electric shock or a malfunction. Stop using the handset, turn off the power and contact the number listed

- 30

(one hair, one grain of sand, tiny fiber, etc.) placed between contact surfaces may

irs normal o

• To maintain waterproof/dustproof performance, replacement of parts is

· Refer to the User's Manual (PDF file) for details on what you can do with the

The handset supports the security function that meets the Bluetooth specification for security during communication using Bluetooth functions. However, the security may not be sufficient depending on the configuration etc. Be careful when communicating sing the Bluetooth function

- Even if any leak of data or information occurs while communicating using the luetooth function, Sharp shall not be liable for any loss of content. Radio frequencies
- The radio frequencies that the handset's Bluetooth function uses can be checked from the home screen  $\blacktriangleright$  [( $\mathfrak{F}$ )]  $\blacktriangleright$  [About phone]  $\blacktriangleright$  [Authentication]. The label markings are as follows.



2.4: This radio equipment uses the 2.400 MHz band. FH: The modulation system is the FH-SS sy

Notes on using Bluetooth function

- 1: The estimated coverage distance is 10 m or less. XX: Another modulation system is used. 4: The estimated coverage distance is 40 m or less.
- : All radio frequencies between 2,400 MHz and 2,483.5 MHz are used and the frequencies for mobile object identifiers cannot be avoided.
- Precautions on using Bluetooth devices Bluetoth operates at radio frequencies assigned to in-house radio stations for mobile object identification that have to be licensed and are used in factory production lines, specific unlicensed low power radio stations, and amateur radio stations (hereafter referred to as "another radio station") in addition to industrial, scientific and medical
- devices or home electric appliances such as microware overs. 1. Before using the handset, make sure that "another radio station" is not operating nearby. If radio interference between the handset and "another radio station" occurs.
- avoid interference by moving immediately to another place or "turning off the For further details, contact the number listed in "General Inquiries" on the warranty.

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### • The rubber gasket of the contact surface between the main body and the nano SIM card and microSD card tray plays an important role in maintaining the waterproof/dustproof performance. Do not remove or scratch it. Also, prevent dust from adhering to it. If the rubber gasket is damaged or deformed, contact the number listed in "General Inquiries" on the warranty. Do not insert a pointed object through the nano SIM card and microSD card tray

- gaps. It may cause damage to the rubber gasket and allow liquids or dust to get
- Do not use the handset under water (including key operations). Failure to observe this Do not use the natuset intervention.
   Do not directly apply a water flow that is stronger than prescribed (over 6 liters/min).
- Failure to observe this precaution may cause malfunction although SH-M05 provides waterproof performance of IPX5.
- Do not let the handset get wet with liquids other than water at room temperature (between 5°C and 35°C) or soak the handset in such liquids. If you let the handset g wet with liquids other than water at room temperature or soak the handset in such set get liquids, stop using the handset and wash it with water at room temperature.
- Do not wash the handset in a washing machine etc. To prevent condensation, wait until the handset reaches room temperature before you bring it from a cold place to a warm place.
   Never soak the handset in hot spring water or water containing soap, detergent or
- bath powder. • Do not soak the handset in hot water, use it in a sauna or apply hot air (from a hair
- dryer etc.) to it.
  Do not soak the handset in seawater.
  Do not put the handset directly on sand/dirt.
- If a foreign substance such as salt water, seawater, beverage, seasoning, food, dirt or soil adheres to the handset, rinse it off immediately. If it dries and hardens, it will be difficult to remove and may cause damage or a malfunction. • Do not leave the handset wet. In cold places, the water may freeze and cause a
- The handset does not float in water.
- Do not let the handset fail. It may become scratched and cause the waterproof/dustproof performance to degrade.
  Do not leave droplets of water on the mouthpiece/microphone, earpiece/speaker or earphone/microphone terminal. Such water droplets may interfere with phone calls.
  Do not poke the mouthpiece/microphone, earpiece/speaker, USB Type-C connection
- jack, earphone/microphone terminal, etc. with a pointed object.
- Do not insert an earphone/microphone to the handset while the handset is wet. Failure to observe this precaution may cause a malfunction. - 31 -

allow liquids or dust to get inside.

in "General Inquiries" on the warranty.

CC Th	ereby, SHARP CORPORATION declares that the radio equipment type SH-M05 is in ompliance with Directive 2014/53/EU. he full text of the EU declaration of conformity is available at the following internet dirense:
	ttp://www.sharp.co.jp/k-tai/

### Manufacturer's Address:

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

### Description of accessories

LTE Band 3

LTE Band 8

Headset, Handsfree	a3.5 audio jack, Bluetooth
USB cable	For charging, peripherals, etc.
microSD Card	microSD/microSDHC/microSDXC
nano SIM card	The card provided by the Carrier. The handset is "Unlocked" Smartphone.
Frequency range of suppo	orted bands in EU
GSM 900	Tx 880.2 to 914.8 MHz Rx 925.2 to 959.8 MHz
DCS 1800	Tx 1710.2 to 1784.8 MHz Rx 1805.2 to 1879.8 MHz
WCDMA FDD I	Tx 1922.4 to 1977.6 MHz Rx 2112.4 to 2167.6 MHz
WCDMA FDD VIII	Tx 882.4 to 912.6 MHz Rx 927.4 to 957.6 MHz
LTE Band 1	Tx 1922.5 to 1977.5 MHz Bx 2112.5 to 2167.5 MHz

Tx 1710.7 to 1784.3 MHz

Rx 1805.7 to 1879.3 MHz Tx 880.7 to 914.3 MH

Tx 2402 to 2480 MHz Rx 2402 to 2480 MHz Bluetooth Tx/Rx 2412 to 2472 MHz (BW: 20 MHz only) WLAN 2.4 GHz Tx/Rx 13.56 MHz GPS: Rx L1 (1575.42 MHz) GNSS GLONASS: Rx G1 (1598.0625 to 1605.375 MHz) Maximum transmit power

GSM 900	+33 dBm (Power Class4)

00111 000	
DCS 1800	+30 dBm (Power Class1)
WCDMA FDD I	+24 dBm (Power Class3)
WCDMA FDD VIII	+24 dBm (Power Class3)
LTE Band 1	+23 dBm (Power Class3)
LTE Band 3	+23 dBm (Power Class3)
LTE Band 8	+23 dBm (Power Class3)
Bluetooth	+7.3 dBm (Power Class1)
WLAN 2.4 GHz	+14.0 dBm
NFC	0 dBµA/m at 10 m

Volume level caution

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

Earphone Signal Level naximum output voltage for the music player function, measured in rdance with EN 50332-2, is 120.0 mV.

CE/ FCC Notice Before use, refer to the User's Manual (in PDF format) and read CE/FCC Notice and detailed operation manual to ensure property

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Notes about wireless LAN (WLAN)

Wireless LAN (WLAN) uses radio waves to communicate information. Therefore, it has an advantage of freely connecting to the LAN within the service area. On the other hand, if the security setting is not set, it is possible for a malicious third party to ntercept the commu nication contents or hack the handset. It is recommended to set Wreless LAN
 Wreless LAN

Writerss LAN Do not use wireless LAN near magnetic devices such as electrical appliances or AV/OA devices, or in places where radio waves are being transmitted. • The magnetism or radio waves may increase noise or disable communications (especially where side devicence or device of the device

- when using a microwave oven). When used near a TV, radio, etc., reception interference may occur or images on the TV  $\ensuremath{\mathsf{TV}}$ screen may be disturbed. • If there are multiple wireless LAN access points nearby and the same channel is used, the search may not work correctly.
- Radio frequencies The radio frequencies that the handset's wireless LAN function uses can be checked from the home screen  $\blacktriangleright$  [(abc)]  $\blacktriangleright$  [About phone]  $\blacktriangleright$  [Authentication]. The label narkings are as follows.



2.4: This radio equipment uses the 2,400 MHz band. DS: The modulation system is the DS-SS system OF: The modulation system is the OFDM system 4: The estimated coverage distance is 40 m or less. : All radio frequencies between 2,400 MHz and 2,483.5 MHz

are used and the frequencies for mobile object identifiers can be avoided. Available channels for the handset's wireless LAN are between 1 and 13. Note that other

channel access points cannot be connected. Available channels may vary depending on the country. For use in an aircraft, contact the airline beforehand.

• The specified AC adapter and USB Type-C cable are not waterproof/dustproof. Do not use them in rooms where water is regularly in use such as a bathroom, shower room

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 Sharp does not guarantee actual operations under all states. Malfunctions deemen to be caused by inappropriate operation by the customer are not covered by the warranty.

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### tellectual Property Right

### Copyrights and rights of portrait

• Data with third party copyrights such as text, images, music and software that is downloaded via Internet websites, acquired by TV, video, etc. or shot by the handset cannot be duplicated, altered or publicly transmitted without rightful party's consent Only duplicating, quoting, etc. for personal use are permitted under the Copyright Act. Even if for personal use, filming and recording may be prohibited for stage performances, shows, exhibitions, etc. Also, shooting another's image or posting another's image on Internet websites without his/her consent may constitute a violation of one's right to his/her image.

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- OR code is a registered trademark of Denso Wave Inc.
   microSD Logo, microSDHC Logo and microSDXC Logo are trademarks of SD-3C, LLC.



 USB Type-C™ is a trademark of USB Implementers Forum.
 The handset features LCFONT, developed by Sharp Corporation, to make the LCD easier to view and read. LCFONT and the second seco

● OBEX<sup>™</sup> is a trademark of Infrared Data Association®

- Obsch is a registered trademark of FeliCa Networks, Inc.
   FeliCa is a contactless IC card technology developed by Sony Corporation. FeliCa is a registered trademark of Sony Corporation.
- Bluetooth is a registered trademark of Bluetooth SIG. Inc.

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Precautions on using 2.4 GHz devices

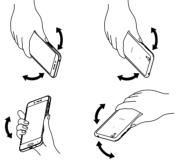
WLAN-installed devices operate at radio frequencies assigned to in-house radio stations for mobile object identification (radio stations requiring a license) used i with a misualed devices operate at radio requestion assigned to increase radio stations for mobile object identification (radio stations requiring a license) used in factory production lines, specific low power radio stations (radio stations requiring no license), and amateur radio stations (radio stations requiring a license) in addition to industrial, scientific and medical devices or home electric appliances such as rowave ovens

- Before using this device, make sure that the in-house radio stations for mobile object identification, specific low power radio stations and amateur radio stations
- are not operating nearby.
   If the device causes harmful radio interference to the in-house radio stations for and contact allocation, immediately change the radio frequency or stop use and contact the number listed in "General Inquiries" on the warranty for crosstal avoidance, etc. (e.g. partition setup).
- If the device causes radio interference to specific low power radio stations for mobile object identification or amateur radio stations, contact the number listed in "General Inquiries" on the warranty for further details.
- Voluntary control for radio wave interference
- This product satisfies the technical requirements based on the VCCI Rules for Voluntary Control Measures and its conformity mark is displayed on the electronic nameplate of the product. You can see the electronic nameplate by operating the product as follows. Home screen ▶ [ (ⓐ) ] ▶ [About phone] ▶ [Authentication] FeliCa and NFC reader/writer
- The FeliCa. NFC reader/writer and P2P function of the handset use weak radio waves the start and the start of or P2P function is being used nearby, keep enough distance from it. Make sure that
- there is no radio station using the same frequency band in the area nearby. For use in an aircraft, contact the airline beforehand. Use of the function may be restricted in some countries. Check conditions such as the regulations of the country/region to use the function.

- 27 -Draining water when the handset gets wet

When the handset is wet, water may flow out after you wipe it off. Drain the water by following the steps below 1 Wipe off water on the handset surface with dry and clean cloth etc.

2 Shake the handset approximately 20 times, securely holding it, until there is no more water splattering.



In order to drain the water In order to drain the wate shake the handset with the shake the handset with the nouthpiece/microphone earpiece/speaker facing down. facing down. - 33 -

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This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/)
 This product includes cryptographic software written by Eric Young

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VoiceText of H0YA Service Corporation is used for speech synthesis. VoiceText is a

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registered trademark of Voiceware Co., Ltd.

(eav@crvptsoft.com)

• Never use the handset that is modified. Using a modified handset violates the Radio Law and/or the Telecommunications Business Law.

The handset follows the regulations regarding the cretification of conformity with technical regulations for specific radio stations etc. based on the Radio Law and authentication of conformity with technical regulations for devices etc. based on the Telecommunications Business Law, and the "Technical Conformity Mark "is is displayed on the electronic nameplate of the handset as proof. You can see it by operating the handset as follows

operating the hardest as follows. Home screen  $\mathbb{P}[\textcircled{w}] \models [About phone] \models [Authentication]$ If the screws of the hardset are removed and modification is made to the internal parts, the certification of conformity with technical regulations etc. will become nvalid. Never use the handset without the valid certification etc. Doing so violates the Be careful when using the handset while driving a motor while but when the burg of volated with the burg of volated withe burg of volated with the burg of volated withe burg of volate

The FeliCa and NFC reader/writer function of the handset conform to the domestic

radio wave standards. When using it overseas, check conditions such as the

Rever change the basic software improperly. This may be regarded as a conversion of software and repairs may be refused.

Caution

Replacing the Internal Battery

The internal battery is a consumable product. Battery life will eventually become extremely short after repeated charging and use. The deterioration of the internal battery will differ depending on how the handset is used and the operating environment. Change the battery if its life becomes extremely short even when fully charged. You cannot replace the internal battery by yourself. Contact the number listed in "General Inquiries" on the warranty and request that it be replaced. (Chargeable service)

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3 Softly press the handset against dry and clean cloth etc. to wipe off water remaining in the grooves of the mouthpiece/microphone, earpiece/speaker, keys, USB Type-C connection jack, earphone/microphone terminal, etc.

• Pat the openings with a cloth etc. to remove any water because there may be some water remaining in the grooves of each part





4 Wipe off water oozing from the handset with dry and clean cloth etc. and dry naturally for approximately 3 hours

• Water, if any, remaining in the main body may seep out after you wipe the handset • Pat the opening with a cloth etc. again to remove any water because you may not be able to hear sounds well if drainage is insufficient

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● Google, Google logo, Android<sup>™</sup>, Google Play, Google Play logo, Gmail, Gmail logo, Google Calendar™, Google Calendar logo, Google Maps™, Google Maps logo, Google Chrome™, Google Chrome logo, Google Vicie Saarch™, Google Vicie Search logo, YouTube, YouTube logo, Google Drive™, Google Vicie Saarch Google Mice Search logo, Search logo, and Google Photos™ are trademarks of Google Inc. • "AQUOS", "emopa", "AQUOS" logo, and "AQUOS sense lite" logo are trademarks or registered trademarks of Sharp Corporation

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- Decoding an MPEG-4 video that a customer not engaged in personal commercial activities has encoded. Decoding an MPEG-4 video obtained from a licensed provider.
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Others

MPEG LA, LLC

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- Data which is paid for on a title by title basis and is transmitted to an end user for permanent storage and/or use. Such additional license may be obtained from MPEG LA, LLC. For details, contact

The lithium-ion battery used in this handset is a useful resource that can be recycled. ase recycle. Contact the number listed in "General Inquiries" on the warranty fo information on recycling.



- When disposing of this product
- This product should be disposed of in accordance with the disposal regulations of your local government. As the regulations may differ depending on the local government, be sure to check the rules in your community. In order to protect your privacy, be sure to carry out Reset all beforehand and delete all data in the system memory.

### Waterproof/Dustproof Performance

The SH-M05 is waterproof to IPX5\*1 and IPX8\*2 standards, and dustproof to IP6X\*3 standard if the nano SIM card and microSD card tray is securely closed.
 \*1 IPX5 means that the phone will continue to function after being subjected to a jet flow (12.5 liters/min) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from the handset) for 3 minutes or more.
 \*2 IPX8 means that the SH-M05 phone will continue to function after it is slowly submerged to a depth of 1.5 m in static tap water at room temperature, left there for approximately 30 minutes and then taken out.

- minutes and then taken out. IP6X indicates the level of dust protection. The phone has the ability to prevent dust from entering inside after it is left in a device containing dust (diameter: 75 m or smaller) for 8 hours in which the dust is agitated and is then taken out.

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Charging The specified AC adapter and USB Type-C cable are not waterproof/dustproof

Check the following before and after charging.
Make sure that there is no water or foreign object on the handset. If there is a foreign object on the handset, in the handset is wet or after the handset is wet, adequately drain it and wipe off water with a dry and clean cloth etc. Then dry naturally before charging.

### Warning

- ver try to connect the Type-C plug when the handset is wet or foreign object
- lheres to the handset. • The handset provides waterproof/dustproof performance, however, inserting the This hands at purpose the set of all set of a set of
- Failure to observe this precaution may cause electric shock.
- Do not touch the AC adapter or USB Type-C cable in a place subject to water. Do not use them in rooms where water is regularly in use such as a bathroom room, kitchen or lavatory.
- Failure to observe this precaution may cause a fire, electric shock, etc.

• This product is licensed under the AVC patent portfolio license for the personal and noncommercial use of a consumer to (i) encode video in compliance with the AVC standard (henceforth referred to as AVC video) and/or (ii) decode AVC video that was encoded by a consumer engaged in a personal and noncommercial activity and/or was obtained from a video provider licensed to provide AVC video. No license is monthed licenses is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA. L.L.C.

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- Refer to the following website: http://www.mpegla.com The abbreviations of operating systems (Japanese versions) below are used in this
- Windows 10 stands for Microsoft<sup>®</sup> Windows<sup>®</sup> 10 (Home, Pro, Enterprise and
- Education ■ Windows 8.1 stands for Microsoft® Windows® 8.1, Microsoft® Windows® 8.1 Pro
- Windows 7 stands for Microsoft Windows 8.1 Enterprise.
   Windows 7 stands for Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise and Ultimate).

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- can be referred to on the following website for free. For details, refer to the following

http://k-tai.sharp.co.ip/support/developers/oss/

Sharp Corporation

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





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