



AQUOS zero2

SHV47

Basic Manual

- Descriptions in this manual are based on Android™ 10.
- The company names and product names appearing in this manual are trademarks or registered trademarks of their respective holders.
- For exemptions, refer to “Notes on Usage” available on the au homepage.

January 2020, 1st Edition

Sold by: KDDI CORPORATION,

OKINAWA CELLULAR TELEPHONE COMPANY

Manufactured by: SHARP CORPORATION

Preface

Thank you for buying the "AQUOS zero2 SHV47" (simply called the "SHV47" or the "product" from here on).

Before using the product, be sure to read the "Basic Manual" (this manual) and "Notes on Usage" to ensure correct use. Store in a safe place for easy reference.

Instruction Manual

■ "Basic Manual" (this Manual)

The "Basic Manual" (this manual) available on the au homepage describe basic operations of major functions.

<https://www.au.com/english/support/manual/>

■ "Online Manual" (Japanese)

You can check "Online Manual" (Japanese) that describes detailed of various functions by operating the product as follows.

On the AQUOS Home screen, swipe up the screen to display the App list screen → [Support] → [ 取扱説明書] (Online Manual) (Japanese).

Also, you can check "Online Manual" (Japanese) on the au homepage.

<https://www.au.com/online-manual/shv47/> (Japanese)

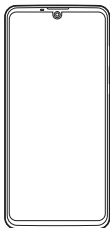
■ "Full Instruction Manual" (Japanese)

You can check "取扱説明書 詳細版" (Full Instruction Manual) (Japanese) that describes detailed of various functions on the au homepage.

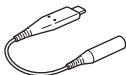
<https://www.au.com/support/service/mobile/guide/manual/> (Japanese)

List of Packaged Items

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



SHV47



3.5mm Earphones Adapter
(sample)^{*1}



SIM eject tool
(sample)^{*2}

- Clear case (sample)
- 取扱説明書 (Basic Manual) (Japanese)
- ご利用にあたっての注意事項 (Notes on Usage) (Japanese)
- コーションシート (Caution Sheet) (Japanese)

^{*1} Connection required for using an earphone. Do not misplace. For details on the connection, refer to "Online Manual" (Japanese) or "取扱説明書 詳細版" (Full Instruction Manual) (Japanese).

^{*2} Use to attach/remove an au Nano IC Card 04.

The following items are not included in the package.

- | | |
|----------------------|---------------------|
| • au Nano IC Card 04 | • Earphone |
| • AC adapter | • USB Type-C™ cable |

- Purchase a specified charger (sold separately).

○ The battery is built into the product.

○ Illustrations of cell phones in this manual are only for reference. They may look different from the actual product.

Illustrations and Descriptions in This Manual

- In this manual, the key illustrations are simplified as shown below.
 - (⊕): Volume up key
 - (⊖): Volume down key
 - (Ⓚ): Power key
- In this manual, operation procedures are described as below.

Description	Explanation
On the home screen → "App list screen" → [Settings] → [About phone].	On the AQUOS Home screen, swipe up the screen to switch to the App list screen, and then tap "⚙ Settings". Continue by tapping "About phone".
□(Ⓚ) (hold down for at least 3 seconds).	Hold □(Ⓚ) down for at least 3 seconds.

- * Swipe is an action that lightly touches the display while tracing to the desired direction or position.
- * Tapping is to select a key or icon displayed on the screen by lightly tapping it with your finger.

- Screenshots and operations in this manual are based on attaching an au Nano IC Card 04 to the product.
- Explanations of this manual are based on the case when the product is held vertically. If you hold it horizontally, menu items/icons/on-screen keys etc. may be different.
- Illustrations and screenshots may differ from actual screen. Portions of the screen are sometimes omitted.
- Explanations of this manual are based on the case when the color of the main unit is "Astro Black" as an example.
- Descriptions in this manual are based on operation in AQUOS Home. Operations may be different if home applications have been changed (by using "Home applications", etc.).
- Menu items, layers and icons described in this manual may be different according to functions being used and conditions.

- ⦿ In this manual, “au Nano IC Card 04” are abbreviated as “au IC Card”.
- ⦿ All of the indicated amounts exclude tax unless otherwise specified.
- ⦿ The company names and product names appearing in this manual are trademarks or registered trademarks of their respective holders. Also, ™ and ® marks are sometimes omitted.

Cell Phone Etiquette

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

- Do not listen to music or watch videos while driving a car or riding a motorbike or bicycle. Use of a cell phone while driving a car or riding a motorbike is prohibited by law. (Use of a cell phone while riding a bicycle may be punishable by some regulations.) Be attentive to traffic around you while walking. Not being able to hear surroundings or looking only at the display may cause a traffic accident. Be careful especially at train crossings, on station platforms, and at crosswalks.
- Since using the product on airplanes is restricted, follow the instructions given by the respective airlines.

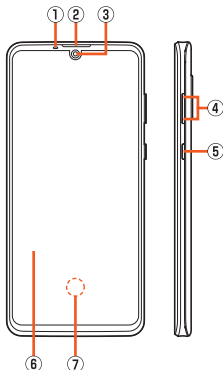
■ Be considerate of people around you

- Do not make calls in theaters, museums, libraries, and other similar places. Turn power off or turn on manner mode so as not to disturb others around you with your ringtones.
- Do not use the cell phone outside in town where you might hinder other pedestrians.
- Viewing a cell phone screen while walking is a serious hazard. Do not suddenly stop to talk on/operate the cell phone or do so while walking.
- Move to areas where you will not inconvenience others on bullet trains, in hotel lobbies, etc.
- Refrain from talking in a loud voice.
- Check whether sound from earphones, etc. is audible when near others on a train.
- Obtain the permission of other people before you take their photos with the cell phone's camera.

- Keep general morals when you use the camera function.
- Some people close to you in crowded places such as packed trains may be using a cardiac pacemaker. Turn on "Airplane mode" or turn the cell phone off in such places.
- Abide by the rules of hospitals and other medical institutions where it is forbidden to use or carry cell phones.

Names and Functions of Parts

■ Front/Right Side



① Proximity sensor/Light sensor

Proximity sensor prevents inadvertent operations of the touch panel during a call.

Light sensor detects the ambient brightness and adjusts the brightness of display.

② Earpiece (Receiver)/Speaker

③ **In camera lens**

④ **[+] Volume up key / [-] Volume down key**

Adjust the volume. Also, set/disable manner mode.

⑤ **[Power] Power key**

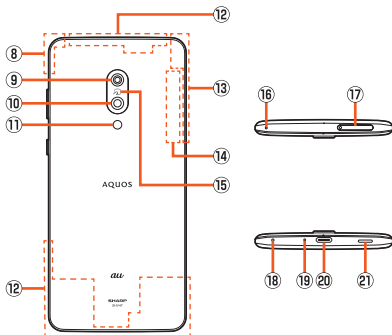
Use to turn the power on/off and turn the screen on/off.

⑥ **Display (Touch panel)**

⑦ **Fingerprint sensor**

Use to unlock the lock screen etc. by fingerprint authentication.

■ **Back/Top and Bottom**



⑧ **Wi-Fi®/Bluetooth® antennas**

⑨ **Wide camera lens**

The ornamental camera cover serves as an air vent to maintain product performance.

⑩ **Standard camera lens**

The ornamental camera cover serves as an air vent to maintain product performance.

⑪ **Mobile light**

⑫ Internal antenna

⑬ GPS/Internal antennas

⑭ Wi-Fi® antenna

⑮ mark

Hold it over a reader/writer when using Osaifu-Keitai®/NFC.

⑯ Sub microphone

⑰ au IC Card tray

⑱ Charging/Incoming indicator

For details on the charging/incoming indicator, refer to "Charging/Incoming indicator" (▶P.10).

⑲ Mouthpiece (Microphone)

⑳ External connection jack

Use when connecting TypeC Common AC Adapter 01/02 (sold separately), 3.5mm Earphones Adapter (sample), USB Type-C cable (commercially available), USB cable for peripherals (commercially available), etc. to the product.

When you connect TypeC Common AC Adapter 01/02 (sold separately), USB Type-C cable (commercially available), etc. to the product, the geomagnetic sensor of the product is affected by the magnetism of connected devices and it may not function properly. When you use functions and applications using the geomagnetic sensor, remove the cable.

㉑ Speaker

- The back cover of the product cannot be removed. Removing it forcibly may cause damage or a fault.
- The battery is built into the product, and cannot be removed by the customer. To force the power off, refer to "Turning the Power Off Forcibly" (▶P.20).

Proximity sensor/Light sensor

- Placing stickers, etc. over the proximity sensor/light sensor may prevent the product from operating properly.
- Do not stare into proximity sensor.
May temporarily affect eyesight, leading to accidents.

Earpiece (receiver)/Speaker, sub microphone, mouthpiece (microphone), speaker, air vent port section (decoration of camera section)

- This product use it for both a mouthpiece and a speaker. The volume will incrementally rise to the set volume so that loud sounds do not come out of the speaker in your ears after the speakerphone is switched to during calls, or after calls are finished.
- Covering the earpiece (receiver)/Speaker, sub microphone, mouthpiece (microphone), speaker or air vent port section (decoration of camera section) with stickers, fingers, etc. may hinder product performance.

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

- Antennas are built into the product. Do not cover with hand during calls or data communication. Doing so may affect call/communication quality.

au IC Card tray

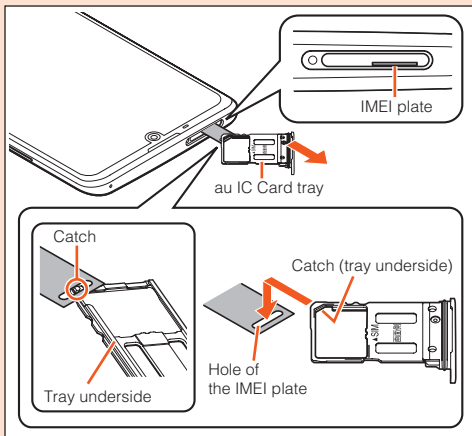
- Note that pulling or applying excessive force on an au IC Card tray may cause damage.

IMEI plate

- A plate with the sticker which the IMEI number (International Mobile Equipment Identifier) is printed is stowed near the au IC Card tray. Except when the IMEI number is required such as requesting servicing or repairs, do not pull out the plate or remove the sticker.

Pulling out the IMEI plate

- ① Turn the display side up and pull out the au IC Card tray.
(For details on pulling out the au IC Card tray, refer to the step **1** and **2** of "Attaching the au IC Card" (▶P.14).)
- ② Place the catch on the underside of the au IC Card tray (side with no printing) in the hole in the IMEI plate, and pull out the IMEI plate. (Do not fully pull out the IMEI plate.)
Be sure to remove the au IC Card from the tray beforehand.



- ◎ Note that pulling out the IMEI plate forcibly or adding forces on it may damage the plate.
- ◎ If you accidentally pull out the IMEI plate, slowly return the IMEI plate to the original position while taking care not to insert it too deep.

- ◎ You can also operate the product to confirm the IMEI information.
On the home screen, "App list screen" → [Settings] → [About phone] → [IMEI].

Charging/Incoming indicator

Indicate to charge the product or notify you of the battery level status while charging, and a missed call, receiving a mail, etc. by illuminating/flashing the charging/incoming indicator.

State of indicator	Color	State of indicator
Illuminating	Red	Charging in progress (Battery level is approx. 94% or less)
Illuminating	Green	Charging in progress (Battery level is approx. 95% or more)
Flashing	Red	Charging unavailable
Flashing	White	New notification such as a missed call

- You can set the charging/incoming indicator depending on apps.

- ◎ When the display is on, the charging/incoming indicator which notifies you of new notification such as a missed call does not flash. Check notification icons on the notification/status panel.
- ◎ While connecting a specified charger (sold separately) to the product even after charging is complete (battery level is 100%), it keeps illuminating in green.

Attaching/Removing a Clear Case (Sample)

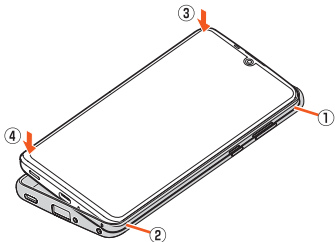
Attaching/Removing a Clear Case (Sample)

When attaching/removing a clear case (sample), make sure to hold the product/a clear case (sample) with your hand so as not to scratch the display etc. Also, take care not to press key sections (⏻/⏮/⏭) by your finger or hand.

When attaching/removing a clear case (sample), do not bend or twist it by excessive force.

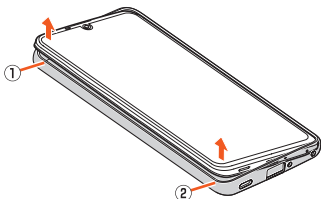
Attaching a Clear Case (Sample)

- 1** Match the direction of the product with the clear case (sample) and put it into the case in the order ①→②.
- 2** Fit the product into the case in the order ③→④.



Removing a Clear Case (Sample)

- 1** Remove the product in the order ①→②.

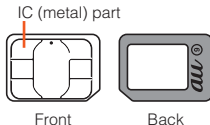


- ◎ When attaching and removing the clear case (sample), make sure to follow the above order.
If you do not follow the order and install / remove several times, the case may be dented.

au IC Card (SIM Card)

The au IC Card records your personal information such as phone numbers. This product supports au Nano IC Card 04.

au Nano IC Card 04



- ◎ Note the followings since using the au IC Card may cause a fault or damage easily.
 - Do not touch the IC (metal) part of the au IC Card.
 - Confirm the orientation for inserting.
 - Do not attach or remove it forcibly.
- ◎ When the au IC Card is not attached properly or any trouble is found, error messages are displayed.
- ◎ Do not misplace the au IC Card once it is removed.
- ◎ Do not insert the au IC Card attached with a conversion adapter. May cause a fault.
- ◎ Make sure to unplug the USB Type-C plug such as TypeC Common AC Adapter 01/02 (sold separately) from the product when attaching or removing the au IC Card.
- ◎ The included SIM eject tool (sample) is required to attach/remove the au IC Card.

Attaching/Removing the au IC Card

Attaching the au IC Card

Before attaching the au IC Card, turn the product off.

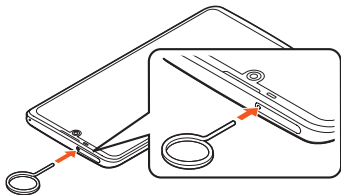
Also, attach it with the display side turned up.

- If a clear case (sample) attached, remove it.

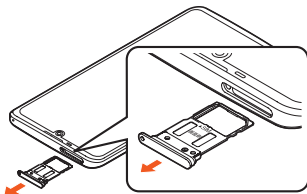
1 Insert the tip of SIM eject tool (sample) into the au IC Card tray eject hole.

Insert it horizontally until the card tray comes out.

If you do not insert it horizontally, may cause a fault or damage.



2 Pull out the au IC Card tray.

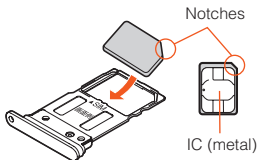


3 Put the au IC Card to the au IC Card tray with the IC (metal) side turned down.

Check the direction of the au IC Card and put it securely.

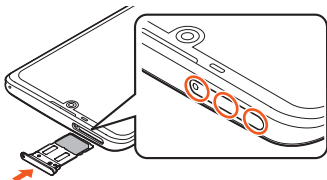
Not to let the au IC Card lift up from the card tray.

If the au IC Card does not fit the card tray, may cause a fault.



4 Insert the au IC Card tray all the way to the product straight and horizontally with the display side turned up.

Push the ○ areas securely and make sure there is no space between the product and the card tray.



Attaching or removing the au IC Card tray

- Do not insert the au IC Card into the product directly. Insert the whole card tray to the product after attaching the card to the card tray.
- Take care not to lose or damage the removed au IC Card tray.

- When pulling out the card tray from the product, pull it slowly and horizontally with the display side turned up.
 - Pulling out the card tray forcefully or obliquely may cause damage.
 - When pulling out the card tray with the display side turned down or the product stood upright, the au IC Card being attached to the card tray may be off and cause loss.
- When attaching the card tray, insert it slowly with the display side turned up and make sure there is no space between the product and the card tray.
 - Do not insert the card tray with the wrong side down. Failure to do so may cause damage it.
 - Inserting the card tray not deeply enough may cause impairment of the waterproof/dustproof property or prevent the product from functioning properly.
 - For details on closing the card tray, refer to "Closing the au IC Card tray" on the "Notes on Usage".

Removing the au IC Card

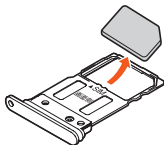
Before removing the au IC Card, make sure to turn the product off. Also, remove it with the display side turned up.

- If a clear case (sample) attached, remove it.
- For details on attaching or removing the au IC Card tray, refer to "Attaching the au IC Card" (▶P.14).

1 Pull out the au IC Card tray using the SIM eject tool (sample).

Take care not the au IC Card to be off from the card tray and lost when pulling out it.

2 Removing the au IC Card from the au IC Card tray.



- 3** Insert the au IC Card tray all the way to the product straight and horizontally with the display side turned up.

Charging

Charging

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

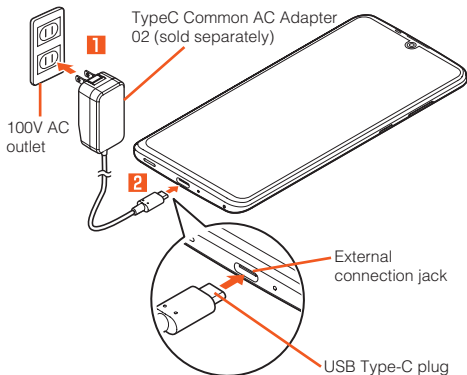
- If the performance of the battery does not recover (e.g. the usable time after each charge has become extremely short), the internal battery may be at the end of service life. On the home screen → "App list screen" → [Settings] → [About phone] → [Battery status] to check the charging performance of the internal battery.
- While charging, the battery icon is displayed with ⚡ superimposed.
- For details on the charging/incoming indicator while charging, refer to "Charging/Incoming indicator" (▶P.10).

- The product may become warm while charging, but this is normal.
- Depending on the operation procedure and usage environment, the temperature inside the product may get high and the product may even get heated. In such case, charging may stop for security reasons.
- Charging the internal battery while using the camera function etc. may lengthen the charging time.
- If you perform various operations with a specified charger (sold separately) connected to the product, charging/discharging may take place repeatedly in a short time. Frequently charging the internal battery shortens its service life.
- If you charge the internal battery when the battery has run out, the charging/incoming indicator may not illuminate soon. However, charging is in progress.
- If the charging/incoming indicator flashes in red, force the power off (▶P.20) and turn the product on again. If the indicator continues to flash, stop charging the internal battery and contact an au shop or the Repair and Delivery Support Center.

Charging with the Specified AC Adapter (Sold Separately)

The followings are the explanation of how to connect TypeC Common AC Adapter 02 (sold separately) to charge. For details on the specified AC adapter (sold separately), refer to “取扱説明書 詳細版” (Full Instruction Manual) (Japanese).

- 1 Insert the power plug of TypeC Common AC Adapter 02 (sold separately) into a 100V AC outlet.**
- 2 Insert the USB Type-C plug of TypeC Common AC Adapter 02 (sold separately) to the external connection jack of the product in the direction of the arrow.**



- 3** When charging is finished, pull out the USB Type-C plug of TypeC Common AC Adapter 02 (sold separately) straight from the external connection jack of the product.
- 4** Unplug the power plug of TypeC Common AC Adapter 02 (sold separately) from the outlet.

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

Turning the Power On/Off

Turning the Power On

- 1**  (hold down for at least 3 seconds) while the product is turned off.

- The initial setting of the touch panel will be executed until "AQUOS" disappears from the screen after the power is turned on. Do not touch the screen, otherwise touch panel operations may not be performed properly.
- When you turn the power on for the first time after purchasing the product, the initial setting screen is displayed automatically. For details on the initial setting, refer to "Initial Settings" (►P.22) available on the au homepage.

Turning the Power Off

- 1**  (hold down for at least 3 seconds).
- 2** [Power off].

■ Restarting the Product

You can restart the product after turning it off.

1  (hold down for at least 3 seconds).

2 [Restart].

■ Turning the Power Off Forcibly

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

1  (hold down for at least 8 seconds).

Release your finger after the product vibrates to turn the power off.

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

■ Booting in Safe Mode

Turn the product off then boot it in a state close to that at time of purchase.

If operation of the product is unstable, it may be due to applications installed after purchasing the product. If symptoms improve when booted in safe mode, uninstalling the applications you installed may remedy symptoms.

1  (hold down for at least 3 seconds).

2 Long touch “Power off” → [OK].

“Safe mode” is displayed at the bottom of the screen.

To end safe mode, restart the product.

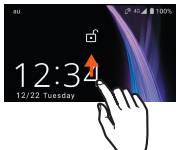
- When the product is turned off, you can boot it in safe mode by  (hold down for at least 3 seconds) to turn it on, and then holding down  until the lock screen is displayed after the AQUOS logo appears.
- It is recommended that you back up your data on the product before booting in safe mode.
- Widgets that you yourself created may be deleted.
- Safe mode is not a normal state for the product to be booted in. End safe mode before normal use.

Lock Screen

The lock screen is displayed if you turn the screen on.

If you register your fingerprint, you can unlock the screen just by touching the fingerprint sensor.

If you register your face, you can unlock the screen just by approaching face to In camera.



When “” appears on the top of screen, you can unlock the screen by swiping up the screen.

- If a password, etc. is set in “Screen lock”, it is displayed as “”.

Switching the Display Language to English

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

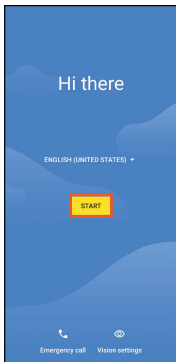
- 1 On the home screen → “App list screen”**
- 2 [設定] (Settings).**
- 3 [システム] (System).**
- 4 [言語と入力] (Languages & input).**
- 5 [言語] (Languages).**
- 6 [言語を追加] (Add a language).**
- 7 [English] → [United States].**
- 8 Long touch “English (United States)” and drag it to the top of the list.**

Initial Settings

The Google™ initial settings screen is displayed automatically when you turn the power on for the first time. Follow the on-screen instructions to set each function.

STEP1: Language Setting

1

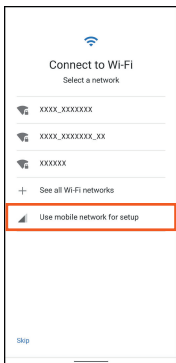


**Select the language
→ [START].**

STEP2: Wi-Fi® Connection/Data Transfer

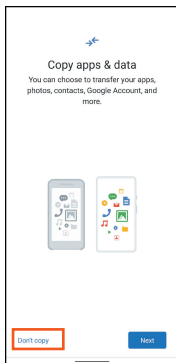
You may skip the steps here for making Wi-Fi® Connection/transferring data from another device settings. By using "Copy apps & data", you can transfer data from an old device etc.

1



[Use mobile network for setup].*1

2



[Don't copy].*2

*1 If a confirmation screen is displayed for data usage fee, follow the on-screen instructions.

*2 To transfer data from another device, select "Next" and follow the on-screen instructions.

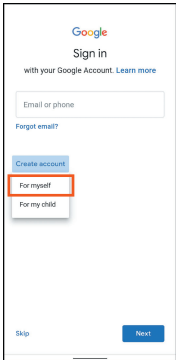
■ STEP3: Google Account Settings

You can use applications provided by Google Inc. such as "Play Store" and "Calendar" by setting up a Google account. You can use the product without a Google account set, but in such case some applications are not available. The main setting items are as follows.

Username	Register your Google account (user ID) and any characters which you want to use as a mail address. You can register any user name but you cannot set the same user name as another user's.
Password	Register the password for using your Google account.

- The Google account setup screen is displayed when you also activate an application for which a Google account is required for the first time.
- Depending on how you operate, screens other than those below may be displayed.

1



Google
Sign in
with your Google Account. [Learn more](#)

Email or phone

[Forgot email?](#)

Create account

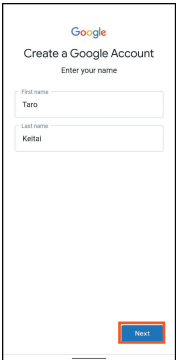
For myself

For my child

Skip Next

**[Create account]^{*1}
→ [For myself].**

2



Google
Create a Google Account
Enter your name

First name
Taro

Last name
Keital

Next

**Enter your "First name" and
"Last name"^{*2} → [Next].**

3

Google

Basic information

Enter your birthday and gender

Month: XXX Day: X Year: XXXX

Gender: Male

Next

Enter basic information
→ [Next].

4

Google

Choose your Gmail address

Pick a Gmail address or create your own

☐ XXXXX@gmail.com

☐ XXXXXXX@gmail.com

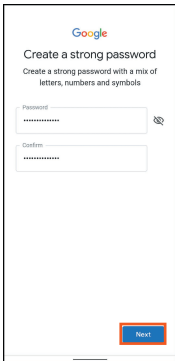
☒ Create your own Gmail address

Create a Gmail address: XXXXXXX @gmail.com

Next

[Create your own Gmail
address]^{*3} → Enter the
Gmail™ address → [Next].

5



Google

Create a strong password

Create a strong password with a mix of letters, numbers and symbols

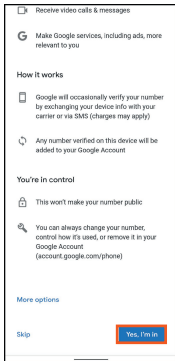
Password

Confirm

Next

Enter the password
→ [Next].

6



☐ Receive video calls & messages

G Make Google services, including ads, more relevant to you

How it works

Google will occasionally verify your number by exchanging your device info with your carrier or via SMS (charges may apply)

Any number verified on this device will be added to your Google Account

You're in control

This won't make your number public

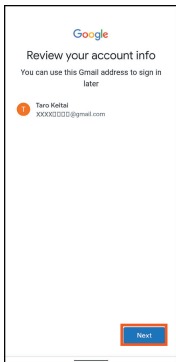
You can always change your number, control how it's used, or remove it in your Google Account (account.google.com/phone)

[More options](#)

Skip **Yes, I'm in**

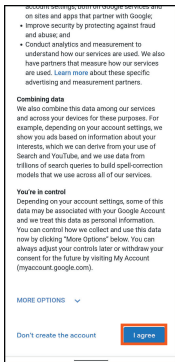
Confirm the contents
→ [Yes, I'm in].

7



[Next].

8



Confirm the contents
→ [I agree].

*1 If you already have a Google account, enter the e-mail address.

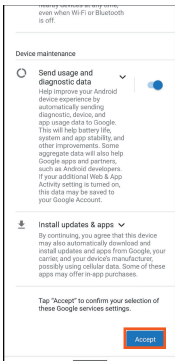
*2 If the selection screen is displayed for software key boards (12-key/QWERTY), follow the on-screen instructions. Also, you can switch it to "Japanese S-Shoin" by tapping "⠠⠠⠠⠠⠠⠠" while the keyboard is displayed.

*3 You can also select a Gmail address you already have.

STEP4: Google service Settings etc.

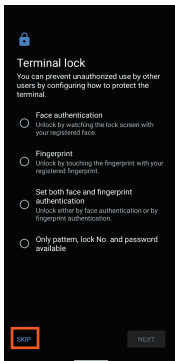
Set other items such as Google service, screen unlock.

1



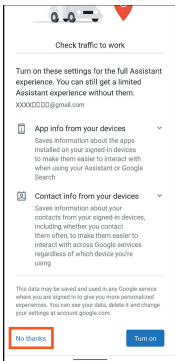
Confirm the contents of
Google services
→ [Accept].

2



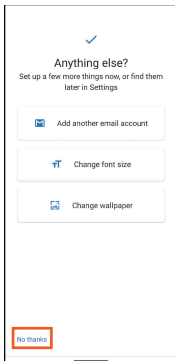
[SKIP].^{*1}

3



[No thanks].*2

4



[No thanks].*3

*1 To set the terminal lock, select an item and follow the on-screen instructions.

*2 If a settings screen for Google Assistant™, Google Pay™ or other service is displayed, follow the on-screen instructions.

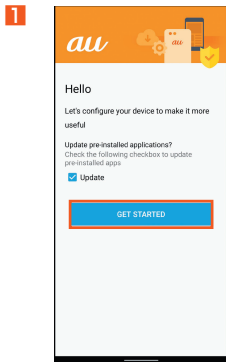
*3 To use other settings, select an item and follow the on-screen instructions.

STEP5: au初期設定 (au Initial Setting)

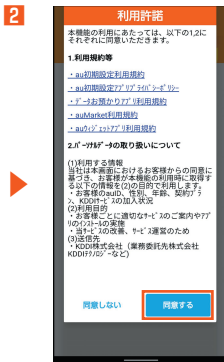
You can use various services provided by au such as au Smart Pass and “au Simple Payment Service” in which you can purchase applications displayed on Google Play™ by setting an au ID.

- Alternatively, on the home screen, “App list screen” → [Settings] → [au Settings Menu] → [au ID].

au ID	Register your au phone number as an au ID.
au ID password	Register the password for using your au ID.
Security code	The four-digit security code you wrote on the application form.

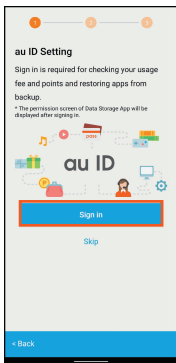


[GET STARTED].^{*1}



Confirm the contents
→ [同意する] (Accept).

3



[Sign in].

4



Enter the security code
→ [次へ] (Next).^{*2}

5

ID設定

au ID: 090XXXXXXX

au IDのパスワードを設定してください。

***** X

☐ パスワードを表示する

パスワードの安全度
中

au IDのご利用には下記の規約に同意していただく必要があります。

- ・ID利用規約
- ・個人情報取扱い規約
- ・ポイントプログラム規約
- ・auメルマガ<info>利用規約

よろしければ[同意して次へ]を押してください。

同意して次へ

キャンセル

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Enter the password
→ [同意して次へ] (Agree).^{*2}

6

ID設定

次のau IDでログインしました。

au ID:
090XXXXXXX

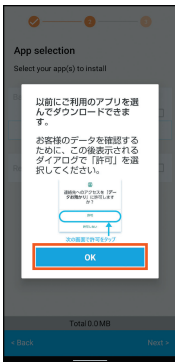
次へ

別のau IDでログインしたい方はこちら >

COPYRIGHT © 2021 CORPORATION ALL RIGHT RESERVED.

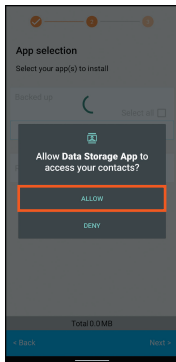
[次へ] (Next).

7



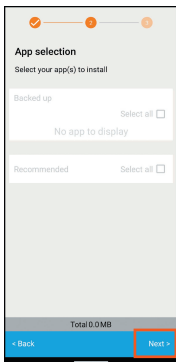
[OK].

8



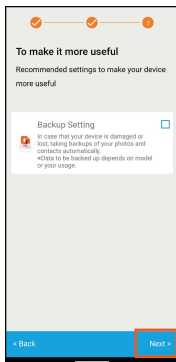
[ALLOW].*3

9

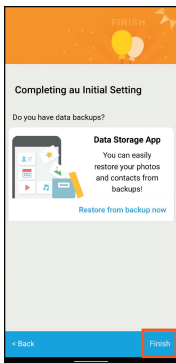


**Mark the applications
to install → [Next].**

10



**Confirm the contents
and mark the item to
set up → [Next].*4**



[Finish]*5.

- *1 When updating apps in the product, mark "Update".
- *2 The input screen is displayed only when registering au ID for the first time.
- *3 The confirmation screen for app permissions is displayed several times. Operate in the same way.
- *4 To use the "Data Storage App" application and automatically store photos and address book entries to the au server, mark "Backup Setting".
- *5 If there are any data stored by "Data Storage App" application, you can restore them from it. Tap "Restore from backup now" and follow the on-screen instructions.

au-mail Settings and Changing au-mail Address

To use au-mail, application to LTE NET is required. If you did not apply at time of purchase, contact an au shop or Customer Center.

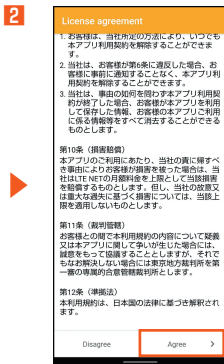
- Make initial settings at a location within Japan where there is a good signal. Settings may not be completed correctly where signal is poor or while moving. Initial settings cannot be completed using Wi-Fi®.
- Depending on the time of day, it may take from 30 seconds to 3 minutes to make initial settings. Once “Eメールアドレスの設定中です。しばらくお待ちください。(Setting email address, please wait.)” is displayed, please wait for settings to complete.

Initial Settings

If you have changed a model, an au-mail address from an old au phone is displayed.



On the home screen, [].



Confirm the contents
→ [Agree].

3

Checklist

アプリの名称

- 取得・収集した情報は前記の目的のみに利用いたします。また、お客さま個人を特定したり、お客さまが入力したメール本文の内容は収集しません。
- お客様情報取得・収集の同意は、Eメールメニュー→Eメール設定からいつでも変更することができます。
- 「同意しない」を選択された場合でも、auメールアプリはご利用いただけます。ただし、auアプリ間でお知らせ表示の状態を連携する機能はご利用いただけません。
- データの送信には通信料が発生します。

[送信先]

① Google,Inc., Microsoft Corporation
② KDDI株式会社（業務委託先：Supership株式会社）

[同意の変更について]

お客様情報取得・収集の同意は、いつでも変更することができます。
Eメール設定→お客様情報取得・収集設定

詳細については、auメールアプリプライバシーポリシーをご参照ください。
[\[auメールアプリプライバシーポリシーはこちら\]](#)

Disagree Agree >

**Confirm the contents
→ [Agree] → follow the
on-screen instructions.***

4

🔒

アプリの設定が完了しました。
お客様のEメールアドレスは、
〇〇〇@au.com

です。
EメールアプリのEメール設定はEメール設定にて行ってください。

閉じる

**Check au-mail address
→ [閉じる] (Close).**

* The confirmation screen for app permissions is displayed several times.

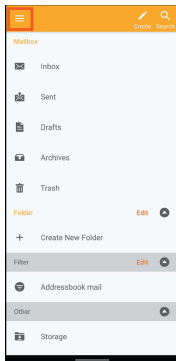
■ Checking the Usage Method of au-mail Address

1

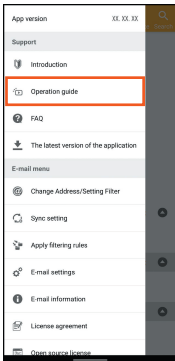


On the home screen, [📧].

2



[☰].



[Operation guide]

→ Select the usage method to check.

■ Changing au-mail Address

- 1** On the home screen → [] → [] → [Change Address/Setting Filter].
- 2** [メールアドレスの変更へ] (To change mail address) → Enter the security code → [送信] (Send).
- 3** Confirm the contents → [承諾する] (Accept).
- 4** [ご希望のメールアドレスに変更する] (Change to your desired mail address) → Enter an au-mail address → [送信] (Send).
- 5** [OK] → [閉じる] (Close).

■ Checking au-mail Address

- 1** On the home screen → [] → [] → [E-mail information].

Your au-mail address is displayed in the e-mail address field.

- When the confirmation screen is displayed, follow the on-screen instructions.
Operations and displayed contents are subject to change without notice.

Making Calls

Entering a Phone Number and Making a Call

- 1 On the home screen → [Phone] → [Dial].**

The dial screen is displayed.

- 2 Enter a phone number.**

When calling to a land-line phone, always enter the city code even when it is a local number.

- 3 [Call] → Call.**

The call screen is displayed.

Press [Volume Up]/[Volume Down] during a call to adjust call volume (the other party's voice volume).

- 4 [End Call]**

The call ends.

Putting a Current Call on Hold

While the call is on hold, guidance is played for the other party.

- 1 In the call screen → [Hold].**

The call is put on hold and the guidance is played for the other party.

Tap "Hold" again while putting a call on hold to disable hold.

Making Calls Using History

- 1 On the home screen → [Phone] → [Recents].**

The history list screen is displayed.

- 2 Tap "Call" on a history to call.**

Using Contact Lists

You can check the contents registered in the phonebook.

- 1 On the home screen → [Phone] → [Contacts].**

You can make a call by selecting a contact and tapping the phone number field.

Receiving Calls

When receiving a call, followings are displayed.

- If the other party's makes a call with a notified phone number, the phone number is displayed on the screen. If the phone number is registered in the phonebook, it is displayed with its name.
- If the other party's makes a call with an unnotified phone number, the reason is displayed on the screen.
"Private number", "Payphone" and "Unknown"
* Call from the phone whose numbers cannot be notified.

1 up while an incoming call is arriving → Call.

When a call arrives while the screen is on (except when the lock screen is displayed), tap "ANSWER".

2 .

The call ends.

How to Transfer Data with the au Settings Menu

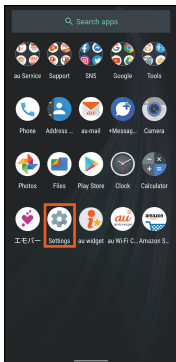
You can return/store data from an old au phone to this product using a server of au. To protect important data, be sure to save (back up) data periodically to a server of au.

- To return data using a server of au, store data from the old au phone to the server of au beforehand. To use the server of au, you must set an au ID. (If the old au phone does not have au Settings Menu, use au Cloud application).

Automatically Storing Photos and Address Book Entries

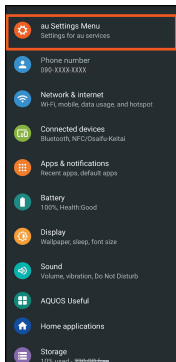
- ◎ Use the following steps to set automatic storage of photos and address book entries to the server of au using the "Data Storage App" application. You can automatically store them only with a Wi-Fi® connection. On the home screen, "App list screen" → [Settings] → [au Settings Menu] → [Backup Setting] → Select the type of data to store automatically.

1



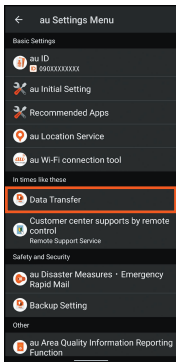
On the home screen, “App list screen” → [Settings].

2



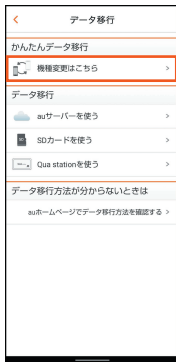
[au Settings Menu].

3



[Data Transfer].*

4



“機種変更はこちら” (If you have changed a model) → Transfer data by following on-screen guidances.

* If a confirmation screen is displayed for terms of use/privacy policy, follow the on-screen guidances.

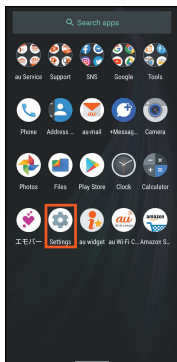
Wireless LAN (Wi-Fi®) settings

You can connect to an Internet service via a household wireless LAN (Wi-Fi®) environment or a public wireless LAN environment when out and about.

To connect to an Internet via Wi-Fi®, you need to register an access point to connect in advance.

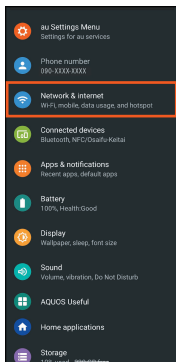
For detailed Wi-Fi® settings, refer to the “Online Manual” (Japanese).

1



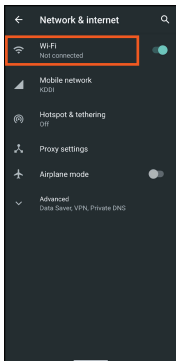
On the home screen, “App list screen” → [Settings].

2



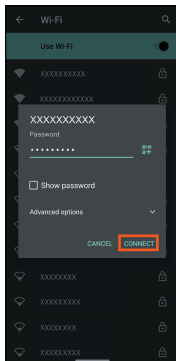
[Network & internet].

3



[Wi-Fi].*¹

4



Select an access point
→ Enter the password*²
→ [CONNECT].

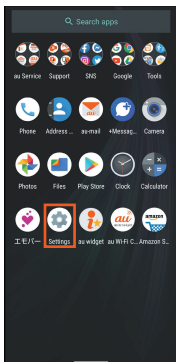
*¹ When the Wi-Fi® function is OFF, turn ON it.

*² If the selected access point supports QR code reading connection, you can make a connection by tapping "QR+" and scanning the QR code.

Increase the light duration of the screen

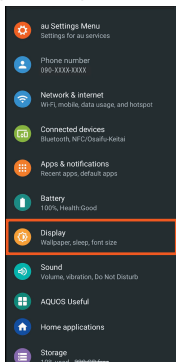
When the screen is quickly turned off, change the setting.

1



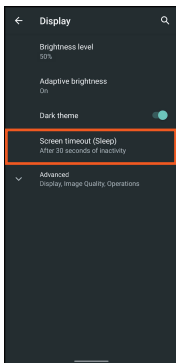
On the home screen, “App list screen” → [Settings].

2



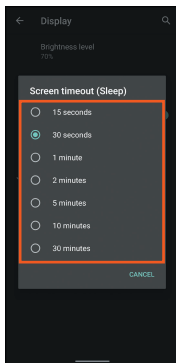
[Display].

3



[Screen timeout (Sleep)].

4



Select time.

Updating Software

The product supports the software update.

The software update function can also be used for operating system updates.

An operating system update is a software update which also includes updating of the product's operating system.

1 On the home screen → “App list screen” → [Settings] → [System] → [Advanced] → [System update].

Start to check whether software update is necessary or not. Tap “Check for update” to check it. When it is necessary, you can download and install data for software update.

- Slide the status bar down, tap the notification and follow the on-screen when  appears in the status bar.
- You can use other functions even while updating software.

2 [Download and install]

Follow the on-screen instructions after this steps.

Notes on Software Update

- You are charged for data communication when connecting to the Internet from the product by using data communication. Large-volume data communication occurs in particular for operating system updates. Use of Wi-Fi® is recommended.
- When software update is necessary, you will be informed on au homepage, etc. For details, contact an au shop or Customer Center (call toll-free 157). In addition, users of the SHV47 will receive a notice from au, when software update is necessary to improve the functionality of the SHV47.
- It is recommended to back up your data before updating software.
- Restarting the product is needed to complete updating.
- If the software update has failed or stopped, perform the same procedures again.
- If the software update fails, it may become impossible to operate the product. If this happens, bring it to an au shop or Toyota store (not accepted by some shops).
- Charge the battery sufficiently before starting update. If the battery level is insufficient or the battery runs out during the update, the software update will fail.
- Check out the signal reception status. The software update may fail if the product is in a place with bad signal reception status.

- Various data registered on the product (address books, mails, still pictures, music data, etc.) and information of settings will not be changed even after software is updated. However, note that data may not be protected depending on the state of the product (fault, damage, getting wet with water, etc.).
- During international roaming, the software update function may not be available in some places.
- After you have updated the operating system, you cannot return it to the previous version.

Do not conduct the following operations during the software update

- Do not move during software update.

Troubleshooting

If you think the product may be malfunctioning, first check with the “quick diagnostic” and “trouble diagnostic” from the “Repair and Delivery Support” app.

Quick diagnostic

On the home screen → “App list screen” → [Support] → [故障紛失サポート] (Repair and Delivery Support) → [クイック診断してみる] (Try quick diagnostic)

Trouble diagnostic

On the home screen → “App list screen” → [Support] → [故障紛失サポート] (Repair and Delivery Support) → [便利な機能] (Useful functions) → [トラブル診断を試す] (Try trouble diagnostic)

You can also check from the au homepage below.

<https://www.au.com/trouble-check/> (Japanese)



Also refer to “Online Manual” (Japanese), or the section “故障とお考えになる前に” in the “取扱説明書 詳細版” (Full Instruction Manual) (Japanese) available on the au homepage.

<https://www.au.com/online-manual/shv47/> (Japanese)

<https://www.au.com/support/service/mobile/guide/manual/> (Japanese)

After-Sales Service

When Asking for Repair

For repair, contact Repair and Delivery Support Center.

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

* The warranty period is 1 year from the date of newly purchase.

- Before handing in the product for repair, make a backup of the contents of memory since they may disappear during repair. Note that the Company shall not be liable for any damages and loss of income should the contents of memory be altered or lost.
- Recycled parts that meet the Company's quality standards are sometimes used for repair.
- au cell phones collected by Replacement mobile phone delivery service which you used before are recycled to cell phones for replacement after repairs. Also parts replaced by au after-sales service are collected and recycled by the Company. They are not returned to customers.
- Instances where the product has been changed, modified, or analyzed (including software modification or analysis (including rooting, etc.) reverse-engineered, reverse-compiled, or reverse-assembled) or has been repaired at a location other than an authorized repair location designated by the company may not be covered by warranty or may prevent the product from being accepted for repairs.
- The internal battery on the product is not covered by the free-of-charge repair warranty unless phenomena by defects of battery materials or manufacturing occur.
- Accessories other than the SHV47 main unit are not covered by the free-of-charge repair warranty.

■ Performance Parts for Repair

The Company retains performance parts for repair of the SHV47 main unit and its peripheral devices for 4 years after discontinuation of production.

"Performance parts for repair" refers to parts required for maintaining the functions of the product.

■ Terms of services of the free-of-charge repair warranty

1. When applying for repairs, the serial number (IMEI number) is required. You can check it on the main unit or sticker pasted on outer box.
2. If malfunctions occur even though you have properly operated following notes on the instruction manual during the warranty period, you are not charged a repair fee.
3. In the following cases, you are charged a repair fee even during the warranty period. (Or repairs may not be possible.)
 - ① When you have not properly operated following instruction manuals.
 - ② When malfunctions or damages have caused by unwarranted repairs or modifications.
 - ③ When the product has been repaired at a location other than an authorized repair location designated by the company.
 - ④ When you have made mistaken operation while handling or malfunctions or damages have caused by accidents. Also, the product has traces of being dropped, water intrusion, humidity, etc.
 - ⑤ When malfunctions or damages have arisen from earthquakes, storms, floods or other natural disasters, as well as fires, salt damages, abnormal voltage, etc.
4. Repairs may not be possible depending on the damage state.
5. The Company does not compensate any damages/losses arising from product faults.
6. The Company assumes no responsibility for any accidents that might be caused by connecting the product to the device other than specified one.
7. Visiting repairs are not possible.
8. This warranty is valid only in Japan.

* This warranty is liable for the free-of-charge repair subject to the above-mentioned period and condition. Therefore, it does not restrict your legal authority for assurance parties and other operators.

■ Repair and Delivery Support

An after-sales service membership program on a monthly basis called "Repair and Delivery Support" is available for using your au cell phone for a long time without worries. This service expands coverage for many troubles including malfunction, theft and loss. For details of monthly fee and this service, check on the au homepage.

<https://www.au.com/mobile/service/kosho-funshitsu/> (Japanese)

- You can apply for membership only at the time of purchasing your au cell phone.
- Once you cancel the membership, you cannot reapply for it until you purchase an au cell phone next time.
- Note that when changing the model or purchasing an extra cell phone, this service only covers the most recently purchased au cell phone.
- When an au cell phone is handed over to you or someone else, the "Repair and Delivery Support" membership is also handed over to the successor of the cell phone.
- When you get a new au cell phone by changing the model, purchasing an extra cell phone, etc., the "Repair and Delivery Support" membership for the old au cell phone is automatically canceled.
- Service contents are subject to change without notice.

■ au IC Card

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

Regulatory information

In some countries/regions including Europe^{*1}, there are restrictions on the use of 5GHz WLAN that may limit the use to indoors only.

Please check the local laws and regulations beforehand.

^{*1} The following EU and EFTA member countries:

Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE) and United Kingdom (UK), Switzerland (CH), Liechtenstein (LI), Iceland (IS), Norway (NO).

Norway: Use of this radio equipment is not allowed in the geographical area within a radius of 20 km from the centre of Ny-Alesund, Svalbard.

Hereby, SHARP CORPORATION declares that the radio equipment type SHV47 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<https://jp.sharp/k-tai/> (Japanese)

Manufacturer's Address:

SHARP CORPORATION,

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

• Description of accessories

Headset, Handsfree	Conversion plug, Bluetooth
USB cable	For charging, peripherals, etc.
nano IC card	au Nano IC Card 04/non-au Nano IC Cards non-au Nano IC Cards can be used after SIM-unlocking the handset.

• Frequency range of supported 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 Rx 2112.5 to 2167.5 MHz
LTE Band 3	Tx 1710.7 to 1784.3 MHz Rx 1805.7 to 1879.3 MHz
LTE Band 7	Tx 2502.5 to 2567.5 MHz Rx 2622.5 to 2687.5 MHz
LTE Band 8	Tx 880.7 to 914.3 MHz Rx 925.7 to 959.3 MHz
LTE Band 20	Tx 834.5 to 859.5 MHz Rx 793.5 to 818.5 MHz
LTE Band 28	Tx 704.5 to 746.5 MHz Rx 759.5 to 801.5 MHz
LTE Band 38	Tx 2572.5 to 2617.5 MHz Rx 2572.5 to 2617.5 MHz
Bluetooth	Tx 2402 to 2480 MHz Rx 2402 to 2480 MHz
WLAN 2.4GHz	Tx/Rx 2412 to 2472 MHz (BW:20 MHz only)

WLAN 5GHz	W52(U-NII 1): Tx/Rx 5180 to 5240 MHz (BW:20 MHz) Tx/Rx 5190 to 5230 MHz (BW:40 MHz) Tx/Rx 5210 MHz (BW:80 MHz) W53(U-NII 2A): Tx/Rx 5260 to 5320 MHz (BW:20 MHz) Tx/Rx 5270 to 5310 MHz (BW:40 MHz) Tx/Rx 5290 MHz (BW:80 MHz) W56(U-NII 2C): Tx/Rx 5500 to 5700 MHz (BW:20 MHz) Tx/Rx 5510 to 5670 MHz (BW:40 MHz) Tx/Rx 5530 to 5610 MHz (BW:80 MHz)
NFC	Tx/Rx 13.56 MHz
GNSS	GPS: Rx L1(1575.42 MHz)/L5(1176.45MHz) GLONASS: Rx G1(1598.0625 to 1605.375 MHz) Galileo: Rx E1(1575.42 MHz)/E5a(1176.45MHz) BeiDou: Rx B1(1561.098 MHz)

• Maximum transmit power

GSM 900	+33 dBm (Power Class4)
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 7	+23 dBm (Power Class3)
LTE Band 8	+23 dBm (Power Class3)
LTE Band 20	+23 dBm (Power Class3)
LTE Band 28	+23 dBm (Power Class3)
LTE Band 38	+23 dBm (Power Class3)
Bluetooth	+13.2 dBm (Power Class1)
WLAN 2.4GHz	+17.0 dBm (ANT0+ANT1)
WLAN 5GHz	+17.0 dBm (ANT0+ANT1)
NFC	0 dB μ A/m at 10 m

■ Mobile Light

Do not point the illuminated light directly at someone's eyes.

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

■ Battery - CAUTION

Use specified Charger only.

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

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

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

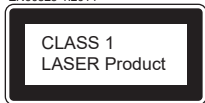
Charge battery in ambient temperatures between 5°C and 35°C; outside this range, battery may leak/overheat and performance may deteriorate.

■ Laser (proximity sensor)

Do not stare into proximity sensor.

May temporarily affect eyesight, leading to accidents.

EN60825-1:2014



■ Volume Level Caution



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

■ Headphone Signal Level

The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 120.0 mV.

■ European RF Exposure Information

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear is 0.21 W/kg*2 and when worn on the body is 0.95 W/kg*2.

For body-worn operation, this mobile device has been tested and meets the RF exposure guidelines when used with an accessory containing no metal and positioning the handset a minimum of 5 mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

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

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

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

FCC Notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.
- The device is electronically labeled and the FCC ID can be displayed via the About phone & the Authentication under the Settings menu.

Information to User

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

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

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

Warning

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

■ FCC RF Exposure Information

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

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

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

Highest SAR value:

Model	SHV47
FCC ID	APYHRO00280
At the Ear	0.35 W/kg
On the Body	0.54 W/kg

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

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

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found at <https://www.fcc.gov/oet/ea/fccid> under the Display Grant section after searching on the corresponding FCC ID (see table above).

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at <https://www.fcc.gov/general/radio-frequency-safety-0>.

For inquiries, call:

Customer Center

For general information (toll free)

Business hours: 9:00 to 20:00 (7 days a week)

From au mobile phones:

157 area code not required

From non-au mobile phones / general subscriber phones:



0077-7-111

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



0120-977-033 (except Okinawa)



0120-977-699 (Okinawa)

In case of theft, loss, or malfunction (toll free)

Business hours: 24 hours (7 days a week)

From au mobile phones:

113 area code not required

From non-au mobile phones / general subscriber phones:



0077-7-113

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



0120-925-314

Repair and Delivery Support Center

For theft, loss, or malfunction (toll free)

Business hours: 9:00 to 20:00 (7 days a week)

From au mobile phones / non-au mobile phones / general subscriber phones:



0120-925-919



モバイル・リサイクル・ネットワーク
携帯電話・PHSのリサイクルにご協力を。

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



やめましょう、
歩きスマホ。



キケン！
水ぬれ充電



あぶない！
電池への衝撃