Panasonic

Operating Instructions

Digital Wireless Stereo Headphones

Model No. **RB-HJ800**



Thank you for purchasing this product.

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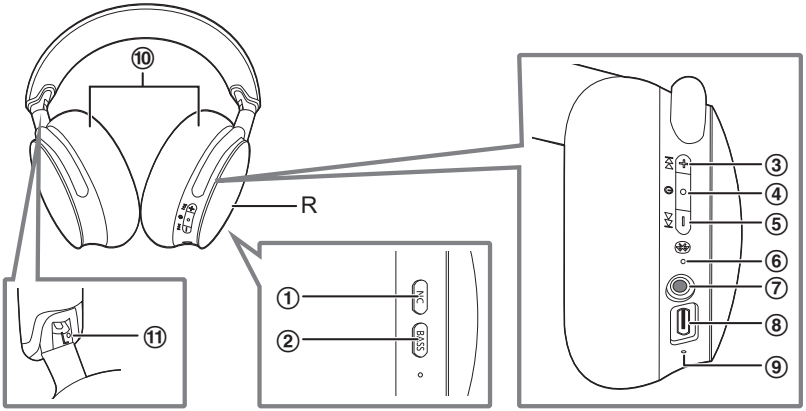
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Expressions used in this document
- The product illustrations may differ from the actual product.

Accessories

□ **1 × Detachable cord (Page 10)**
USB charging cable not included.
Please use available USB charging cable.

Part names and functions



① 【NC】 (Noise cancelling, Ambient, Off) (Page 9)
② 【BASS】 (Bass enhancer) (Page 8)
③ 【+】 (Volume Up, Next track)
④ 【⏻】 (Pairing, Standby/ON)
⑤ 【−】 (Volume Down, Previous track)
⑥ Power/pairing LED*1
⑦ Audio input terminal
⑧ Charging terminal (DC IN)
- Connect the USB-C charging cord to this terminal when charging. (Page 4)

⑨ Microphone
⑩ Ear pads
⑪ Raised dot indicating the left side

*1 Hereafter referred to as "LED"

LED

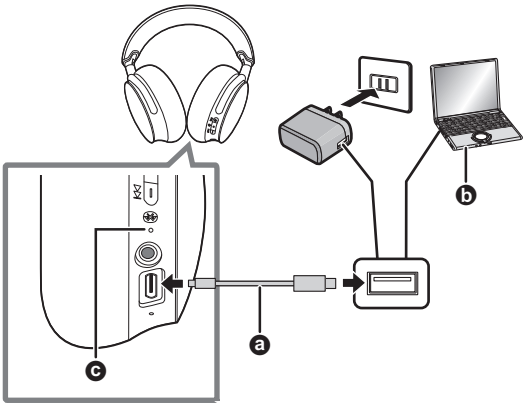
LED colour/pattern	Status description
Lighting (red)	Charging is in progress
Blinking alternately red and blue	Standing by for Bluetooth® pairing (registration)
Blinking slowly (blue)*1	Standing by for a Bluetooth® connection

LED colour/pattern	Status description
Blinking blue twice every two seconds*1	Bluetooth® pairing (registration) has been established, or a call is in progress
Blinking (blue)*1	A call is being received
Blinking blue briefly every two seconds*1	The detachable cord (supplied) is connected

*1 The battery is low when it is blinking red. (Page 9)

Charging

The built-in rechargeable battery is not charged initially. Charge the battery before using the unit.
USB charging cable not included.
Please use available USB charging cable.



ⓐ: USB charging cord
ⓑ: Power source (e.g., PC)
ⓒ: LED

1 Use the USB charging cord to connect the unit to a 5.0 V power source (0.5 A or higher).

- Check the direction of the USB charging cord and plug the cable straight in. If you plug the cord in at an angle or the wrong way up, the connectors may be damaged resulting in a malfunction.
- The LED lights up (red), and charging starts.
- Charging is complete when the LED turns off.
- It takes approx. 4.0 hours to charge the battery from empty to full.

Note:

- You cannot use the Bluetooth® feature when the unit is connected to a computer using the USB charging cord.
- Charge at a room temperature between 10 °C and 35 °C (50 °F and 95 °F). Outside of this temperature range, charging may stop and the LED may blink red.
- You cannot turn on the power while charging.
- Charging may not occur or may stop if the computer is in standby mode, sleep mode, or switches to one of these modes.

Pair for the first time

Important:

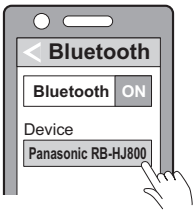
- When pairing, keep the Bluetooth® device and unit close together. (Within about 1 m (3.3 ft))
- Depending on the connected Bluetooth® device, a loud sound may be output during playback. Check the volume setting of the Bluetooth® device before starting playback.

1 **In the power-off state, press and hold 【⏻】 for about 3 seconds until the LED starts blinking alternately red and blue.**

2 **Turn on Bluetooth® in the Bluetooth® device.**

3 **From the Bluetooth® menu in the Bluetooth® device, select the unit.**

- If you are asked to input a passkey, input the passkey "0000" (four zeros).
- For details about setting up Bluetooth®, please refer to the manual of the Bluetooth® device.



4 **Check that the unit and the Bluetooth® device are connected.**

- When the LED blinks blue twice every 2 seconds, a connection has been established, and pairing is completed.

Pair a subsequent device

You can pair up to 4 Bluetooth® devices with the unit.

1 **In the power-off state, press and hold 【⏻】 for about 5 seconds until the LED starts blinking alternately red and blue.**

2 **Turn on Bluetooth® in the Bluetooth® device.**

3 **From the Bluetooth® menu in the Bluetooth® device, select the unit.**

- If you are asked to input a passkey, input the passkey "0000" (four zeros).
- For details about setting up Bluetooth®, please refer to the manual of the Bluetooth® device.

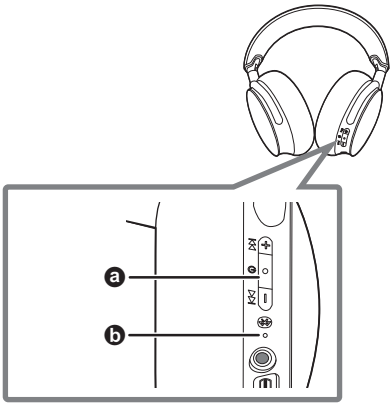
4 **Check that the unit and the Bluetooth® device are connected.**

- When the LED blinks blue twice every two seconds, a connection has been established, and pairing is completed.

Note:

- If you pair a device when the maximum number of paired Bluetooth® devices is exceeded, previously paired devices will be overwritten. To use overwritten devices again, pair them again.
- Pairing a subsequent device is easier if you turn off Bluetooth® in the first device.
- The unit turns off if the device is not connected within 5 minutes. Turn on the unit and pair again.
- The unit remembers the last connected device. The unit may connect automatically after it is turned on.
- The unit can connect to up to 2 Bluetooth® devices at the same time. (Page 8)

Turn the unit on/off



■ **Turning on**

Press and hold 【⏻】(ⓐ) for about 2 seconds until the LED (ⓑ) blinks blue.

- A beep will sound, and the LED blinks blue twice every 2 seconds.

■ **Turning off**

Press and hold 【⏻】(ⓐ) for about 2 seconds until the LED turns off.

- A beep will sound, and the power turns off.

■ **Auto power off**

You will hear a disconnection message when the unit is disconnected from the Bluetooth® device. After about 5 minutes of inactivity, you will hear a beep, and the unit turns off.

Listen to music

When paired with a Bluetooth® device that supports audio playback, you can play and control music from the unit.

1 Connect the Bluetooth® device and unit.

2 On the Bluetooth® device, select and play the music or video.
- The unit will play the audio of the music or video.
- You can adjust the volume by pressing the buttons on the right side of the unit. (Page 8)
- Operating time (Page 14)

Note:
- Be aware that sound may leak from the unit depending on the volume.
- Music may sound distorted if you increase the volume to near maximum. Decrease the volume.

Talk

With Bluetooth® enabled phones (cell phones or smartphones), you can use the unit for phone calls.

1 Connect the Bluetooth® phone and unit.

2 When receiving a call, press 【⏻】 to answer.
- When receiving a call, the ringtone plays from the unit.
- To reject a call, press 【⏻】 twice quickly.

3 Talk.
- You can adjust the volume by pressing the buttons on the right side of the unit. (Page 8)

4 Press 【⏻】 to end the call.
- A beep will sound.

Note:
- You may have to configure hands-free settings on the Bluetooth® phone.
- Depending on the Bluetooth® phone, you may hear incoming and outgoing ringtones from the unit.
- You can use the microphone on the unit and the app on a Bluetooth® device to have the Bluetooth® device make a call. (Page 7)
- It may be difficult to hear phone conversations when using the unit in locations with loud ambient noise, outdoors, or in other places exposed to powerful winds. In that case, try moving to another location or switching the call back to the Bluetooth® enabled phone to continue the call. Press 【⏻】 on the unit twice quickly to switch the device.

Activate voice assistant features

You can activate voice assistant features (such as Siri) with a button on the unit.

1 Connect the Bluetooth® phone and unit.

2 Press 【⏻】 of this unit twice quickly.
- The voice assistant feature in the Bluetooth® device is activated.

Note:
- Voice assistant features may not activate depending on the smartphone specifications and the app version.
- For details about voice commands for the voice assistant feature, please refer to the manual of the Bluetooth® device that uses the voice assistant feature.

Establish multi-point connections

Multi-point allows the unit to connect up to 2 Bluetooth® devices at the same time.

Note:

- Multi-point connections are established only with the last device connected via Bluetooth® (up to 2).
- For information about using the Bluetooth® devices, please refer to the manuals of the Bluetooth® devices.
- This feature may not work with some apps or software.

1 **Confirm that the unit is paired with the Bluetooth® devices.**

2 **Connect the first Bluetooth® device and unit.**
- From the Bluetooth® menu in the Bluetooth® device, select your unit.

3 **Connect the subsequent Bluetooth® device and unit.**
- From the Bluetooth® menu in the Bluetooth® device, select your unit.

Using remote control

You can control the Bluetooth® device using the unit.

Function	Operation
Playback/Pause ▶/II	Press 【⏻】.
Increase volume 🔊 +	Press 【+】.
Next track ⏭	Press and hold 【+】 for about 1 second.
Decrease volume 🔉 –	Press 【−】.
Previous track ⏮	Press and hold 【−】 for about 1 second.

Note:

- Depending on the Bluetooth® device or the app, even if you press buttons on the unit, some functions may not respond or may operate differently from the descriptions above.
- You can adjust the volume within 17 levels.
- A beep will play to indicate that you have reached the maximum or minimum volume level.

Enhancing the bass (Bass enhancer)

You can enjoy music with enhanced bass.

1 **Connect the Bluetooth® device and unit.**

2 **On the Bluetooth® device, select and play the music or video.**

3 **Press 【BASS】.**
- The mode switches between ON and OFF every time you press 【**BASS**】.

(A voice prompt will notify you of the mode you switched to.)

Note:

- This may not be effective depending on the music or video being played back.

Use external sound control

External sound control switches between noise cancelling, ambient sound, and off.

1. **Connect the Bluetooth® device and unit.**
2. **On the Bluetooth® device, select and play the music or video.**
3. **Press 【NC】.**
   - The mode switches between noise cancelling, ambient sound, and off every time you press **【NC】**. (A voice prompt will notify you of the mode you switched to.)
   - The default setting is “Noise cancelling”.

Note:

- Howling may occur if you push the ear pads too strongly into your ears. Do not use the ear pads while continuously pushing them in.
- Noise Cancelling: Reduces sound (noise) from the surroundings. While using noise cancelling, you may hear a slight noise from the noise reduction circuit, but this is not a malfunction. (You may hear this slight noise in quiet places or during the silence between songs.)
- Ambient Sound: The microphones capture sound from the surroundings and play it on the unit. You can hear sounds from your surroundings such as train announcements while wearing the unit.

Resetting the unit

You can reset the unit if they are not responding.
Use the USB charging cord to connect the unit to a 5.0 V power source (0.5 A or higher).

- Information about paired devices will not be deleted.

Auto power off

You will hear a disconnection message when the unit is disconnected from the Bluetooth® device. After about 5 minutes of inactivity, you will hear a beep, and the unit turns off.

- Auto power off does not work when the detachable cord (supplied) is connected.

Battery level notification

- When the battery level drops to 10%, you will be notified by a guidance message. If the headset is powered on when the battery level is 10% or lower, a guidance message will also be played. When the battery is depleted and the power turns off automatically, you will be notified by a guidance message.

Guidance messages

The unit is equipped with a function that provides an audio notification when you connect a Bluetooth® device or perform operations such as changing settings.

- The audio notification function cannot be disabled.

- The volume of the guidance messages cannot be adjusted.
- The guidance language can be switched.
  English/Canadian French

Switching the guidance language

Press and hold 【−】 and 【⏻】 for at least 5 seconds.
- The language is switched each time this operation is performed.

Using the detachable cord (supplied)

You can use this unit by connecting the detachable cord (supplied).

1 Connect the detachable cord (supplied) to the unit.

2 Press and hold 【⏻】 for about 2 seconds until the LED blinks blue.

Note:
- Before connecting the detachable cord (supplied), lower the volume on the connected device.
- If you connect the detachable cord (supplied) during Bluetooth® connection, the Bluetooth® connection will be lost.
- Noise may occur due to dirt on the plug. Clean the plug with a soft dry cloth if this occurs.
- Do not use any other detachable cords except the supplied one.
- Playback/Pause, Next track, and Previous track will not work when using a detachable cord. (Page 8)
- Headphone turns off when detachable cord unplugged.
- Noise cancelling will function in hybrid mode (feedforward + feedback) during connecting via Bluetooth®.
- During a wired connection, only the feedforward noise-cancelling system is active. As a result, the perceived noise cancelling performance may differ from that experienced during a Bluetooth® connection.

Troubleshooting

Before requesting service, check the following points. If you are unsure about some of the check points, or if the solutions indicated do not solve the problem, consult your dealer for instructions.
https://jpn.faq.panasonic.com/app/products/detail/p/1672

Cannot connect to a Bluetooth® device.

- Up to 4 Bluetooth® devices can be paired with the unit. If you pair a device when the maximum number of paired Bluetooth® devices is exceeded, previously paired devices will be overwritten. To use overwritten devices again, pair them again. (Page 5)
- Unpair this unit from the Bluetooth® menu in the Bluetooth® device, and pair again. (Page 5)

There is no sound.

- Check if the unit and the Bluetooth® device are connected.
- Check if music is playing on the Bluetooth® device.
- Check if the unit are on and if the volume is not too low. (Page 8)
- Pair/connect the unit and the Bluetooth® device again. (Page 5)

The sound cuts out./Lots of noise./Poor audio quality.

- Are you covering the unit or Bluetooth® device with your palm? The signals and audio may be interrupted.
- Are you out of the Bluetooth® communication range (about 10 m (33 ft))? Bring the unit and the Bluetooth® device closer together.
- Are there any obstacles between the unit and the Bluetooth® device? Avoid obstacles.
- Turn off wireless LAN devices that you are not using.
- A communication problem may arise if the battery is not fully charged. Charge the unit. (Page 4)
- Using devices that interfere with radio waves, such as microwaves, may affect communication.
- Depending on the signal conditions, radio waves in the same 2.4 GHz band as Bluetooth® may interfere and cause sound skipping.

My voice doesn’t go through during a call.

- Check that the audio settings of the Bluetooth® phone are set to communicate with this unit.

The volume is low./The other party’s voice is low.

- The volume of Bluetooth® devices such as smartphones and the volume of the unit may be controlled separately. Increase the volume of both the unit and the Bluetooth® device. (Page 8)

The unit does not respond.

- You can reset the unit if they are not responding. Use the USB charging cord (supplied) to connect the unit to a 5.0 V power source (0.5 A or higher). (Information about paired devices will not be deleted.)

Cannot charge.

- If the charging time and operating time become shortened, the battery may have run down. (Number of charging times of the installed battery: Approximately 500)
- If you are using a computer USB port, confirm that the computer supplying power is on. It will not charge if the computer is in standby or sleep mode. (If it still does not charge, try another USB port on your computer.)
- If this unit does not charge even after trying the measures above, remove the USB charging cord and insert it again.

LED does not light during charging./Charging takes longer.

- Is the USB charging cord connected firmly to the USB port on the computer?
- Charge at a room temperature between 10 °C and 35 °C (50 °F and 95 °F). Outside of this temperature range, charging may stop and the LED may blink red.

The power does not turn on.

- Is the unit being charged? The power cannot be turned on during charging.

Reset to factory settings

You can reset to the factory settings (default settings upon purchase) when you want to delete all pairing information in the unit.
Charge the battery before resetting the unit.

1 **In the power-off state, press and hold 【⏻】 for at least 5 seconds until the LED starts blinking alternately red and blue.**

2 **While the LED is blinking alternately red and blue, press and hold 【+】 and 【−】 at the same time for at least 5 seconds.**
   - The default settings are restored after the LED blinks blue quickly and the unit turn off.

Note:

- To pair a Bluetooth® device with the unit again, delete the pairing information (device name) on the Bluetooth® device that was paired with the unit, and then pair the unit with the Bluetooth® device again. (Page 5)

Firmware updates

If it is necessary to update the firmware for the unit, we will post a notification on the following website.
https://panasonic.jp/support/global/cs/audio/download/index.html#headphone

Maintenance

- Wipe with a soft, dry cloth.
- Do not use solvents such as benzine, thinner, alcohol, kitchen detergent, or chemical wipes because they may alter or damage the exterior.
- If you will not use the unit for long periods, fully charge it once every 6 months to maintain the performance of the internal battery.

Removing the batteries when disposing of this unit

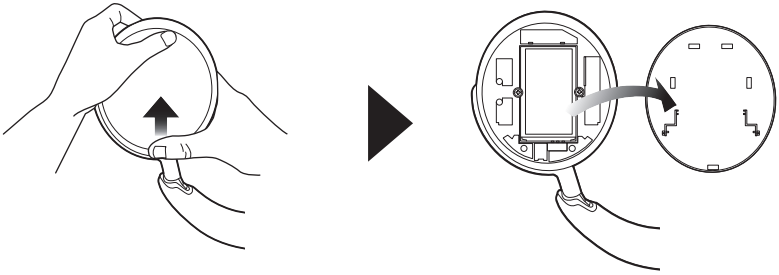
When disposing of this unit, remove the batteries installed in this unit and recycle them.
When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.

Important:

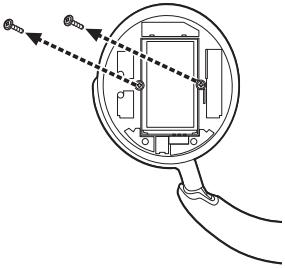
- The following instructions are not intended for repairing purposes but for disposal of this unit.
- Wait until the battery has fully run out before disassembling.
- Regarding handling of the used battery:

– Insulate the terminals with adhesive tape or similar material.
– Do not disassemble the battery itself.

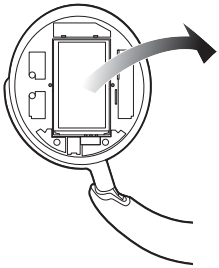
1 Slide and remove the left-side cover.



2 Remove the battery fixing screw (x2).



3 Remove the battery.



Specifications

■ **General**

Power supply	DC 5 V, 0.5 A (Built-in Battery: 3.7 V, Li-polymer)

Operating time*1	Approx. 72 hours (Noise cancelling: ON, AAC) Approx. 72 hours (Noise cancelling: ON, SBC) Approx. 72 hours (Noise cancelling: ON, AUX) Approx. 100 hours (Noise cancelling: OFF, AAC) Approx. 100 hours (Noise cancelling: OFF, SBC) Approx. 90 hours (Noise cancelling: OFF, AUX)
Quick Charge Play Time	Quick Charge 15 min. Charge 8 hours playback (Noise cancelling: ON, AAC)
Charging time*2 (25 °C (77 °F))	Approx. 4.0 hours (Using the power source 0.5 A or higher)
Charging temperature range	10 °C to 35 °C (50 °F to 95 °F)
Operating temperature range	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity range	35 %RH to 80 %RH (no condensation)
Mass	Approx. 260 g (9.2 oz)

*1 It may be shorter depending on the operating conditions.
*2 The time required to charge the batteries from empty to full.

■ Bluetooth® section

Wireless equipment classification	Class1
Max RF Power	12.0 dBm
Frequency band	2,402 MHz - 2,480 MHz
Bluetooth® supported codec	SBC/AAC

■ Headphone section

Driver Unit	40 mm (1-9/16 in)
Noise Cancelling	Bluetooth® Mode: Hybrid AUX Mode: Feed-forward
Microphone	Monaural
Charging terminal	USB Type-C

■ Accessory section

Audio cable	Approx. 1.2 m (3.9 ft)

- Specifications are subject to change without notice.

About Bluetooth®

Panasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

Frequency band used
This unit uses the 2.4 GHz frequency band.

Certification of this unit
- This unit conforms to frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
- The actions below are punishable by law in some countries:
  – Taking apart/modifying this unit.
  – Removing specification indications.

Restrictions of use
- Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
- All devices must conform to standards set by Bluetooth SIG, Inc.
- Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
- This unit supports Bluetooth® security features. But depending on the operating environment and/or settings, this security may not be sufficient. Transmit data wirelessly to this unit with caution.
- This unit cannot transmit data to a Bluetooth® device.

Range of use
Use this unit at a maximum range of 10 m (33 ft).
The range can decrease depending on the environment, obstacles or interference.

Interference from other devices
- This unit may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this unit is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
- This unit may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

Intended usage
- This unit is for normal, general use only.
- Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc).

Disposal of Old Equipment and Batteries (Only for European Union and countries with recycling systems)



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries must not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.
By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.
For more information about collection and recycling, please contact your local authority. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Note for the battery symbol (bottom symbol):
This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

EU battery regulations (For EU only)

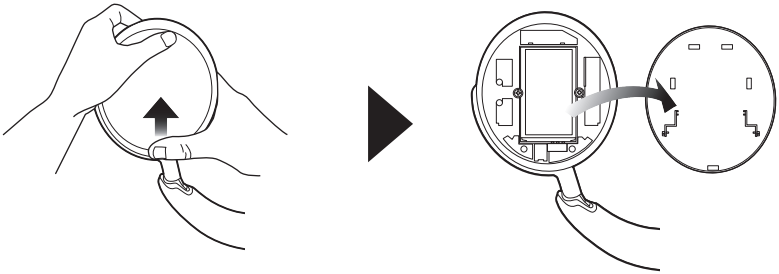
Replacing the battery

You can replace the battery. Order a replacement battery from the dealer where you purchased the product.

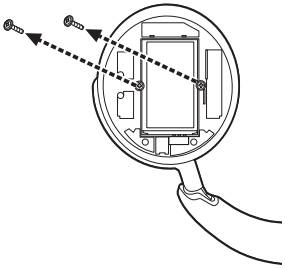
Important:

- Wait until the battery has fully run out before replacing.
- Regarding handling of the used battery:
  - Insulate the terminals with adhesive tape or similar material.
  - Do not disassemble the battery itself.
- Do not use any battery other than the specified type.

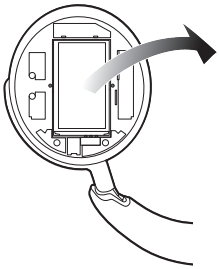
1 Slide and remove the left-side cover.



2 Remove the battery fixing screw (x2).



3 Remove the battery.
- Be careful not to damage the battery.
- Insulate the terminals of the removed battery with tape or similar material.
- Do not disassemble the removed battery.



4 Insert the new battery.
- Be careful not to damage the battery.

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