

SONY

4-748-074-11(1)

Wireless Noise Canceling Stereo Headset

Casque stéréo sans fil réducteur de bruits

Reference Guide
Manuel de référence
Guía de referencia

US
FR
ES



http://rdi.sony.net/help/mrd/whb900n/h_zz/

Made for
iPhone iPod
Conçu pour
iPhone iPod

DIGITAL NOISE
CANCELLING

Bluetooth LDAC

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WH-XB900N

English

Wireless Noise Canceling Stereo Headset

Do not install the appliance in a confined space, such as a bookshelf or built-in cabinet.

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

Do not dismantle, open or shred secondary cells or batteries.

Do not expose cells or batteries to heat or fire. Avoid storage in direct sunlight.

In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

Secondary cells and batteries need to be charged before use. Always refer to the manufacturer's instructions or equipment manual for proper charging instructions.

RECYCLING RECHARGEABLE BATTERIES

Rechargeable batteries are recyclable. You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, visit <http://www.sony.com/electronics/eco/environmental-management>.

Caution: Do not handle damaged or leaking rechargeable batteries.

This equipment complies with FCC/ISED radio emission limits for Class B digital devices in the home environment and meets the FCC/ISED radiation exposure limits for Class B digital devices. 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:

• Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment must not be co-located or operated in conjunction with any other antenna or transmitter.

For the customer in Canada:
This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt (RSS) Operation is subject to the following two conditions:

- (1) This device may not cause interference;
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

High volume may affect your hearing. Do not use the unit while walking, driving or cycling. Doing so may cause traffic accidents.

Do not use at a dangerous place unless the surrounding sound can be heard.

The unit is not waterproof. If water or foreign objects enter the unit, it may result in fire or electric shock. If water or a foreign object enters the unit, stop use immediately and consult your Sony dealer. In particular, be careful in the following cases:

- When using the unit around a sink, etc. Be careful that the unit does not fall into a sink or container filled with water.
- When using the unit in the car or on a ship, in humid locations.

When using the unit while you are sweaty, or you touch the unit with wet hands, or put the unit in the pocket of a damp article of clothing, the unit may get wet.

For details on the effect of contact to the human body from the mobile phone or other wireless devices connected to the unit, refer to the instruction manual of the wireless device.

Never insert the USB plug when the main unit or charging cable is wet. If the USB plug is inserted while the main unit or charging cable is wet, a short circuit may occur due to the liquid (tap water, seawater, soft drink, etc.) attached to the main unit or charging cable or due to foreign matter, and cause abnormal heat generation or malfunction.

Note on static electricity
Static electricity accumulated in the body may cause mild tingling in your ears. To reduce the effect, wear clothes made from natural materials, which suppress the generation of static electricity.

IMPORTANT: THE FACTORY DEFAULT SETTING OF THE VOICE GUIDANCE FOR THIS UNIT IS ENGLISH.

The voice guidance can be heard from the unit when:

- When powering on: "Power on"
- When powering off: "Power off"
- When the remaining battery level is low and recharge is recommended: "Low battery, please recharge headset"

When automatically turning off due to low battery level, "Please recharge headset. Power off" sound control off"

When checking the remaining battery level by pressing the "Battery" button while the unit turns on: "Battery fully charged", "Battery about 70%", "Battery about 50%", "Battery about 20%".

When entering pairing mode: "Bluetooth pairing"

When establishing a Bluetooth connection: "Bluetooth disconnected"

When disconnecting a Bluetooth connection: "Bluetooth disconnected"

When turning on the noise canceling function: "Noise canceling"

When turning on the Ambient Sound Mode: "Ambient Sound Mode"

When turning off the noise canceling function and the Ambient Sound Mode: "Ambient Sound Mode"

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

Precautions

On Bluetooth® communications

Bluetooth wireless technology operates within a range of about 10 m (30 feet). The maximum communication distance may vary depending on the environment (obstacles, people, metal objects, walls, etc.) or the electromagnetic environment.

Bluetooth communications may not be possible, or noise or audio dropout may occur under the following conditions:

- When there is a person between the unit and the Bluetooth device. This situation may be improved by positioning the Bluetooth device so that it faces the antenna of the unit.
- When there is an obstacle, such as a metal object or a wall, between the unit and the Bluetooth device.

When a Wi-Fi device or microwave oven is on, or, microwaves are emitted near the unit. Compared to use indoors, use outdoors is subject likely to signal reflection from walls, floors, and ceilings, which results in audio dropout occurring more frequently than use indoors.

The antenna is built into the unit as indicated by the dotted line in the illustration below. The sensitivity of the Bluetooth

communications can be improved by removing any obstacles between the connected Bluetooth device and the antenna of this unit.

When the unit is not used for a long time, the rechargeable battery may become depleted quickly. The battery will be able to hold a proper charge after it is discharged and recharged several times. When storing the unit for a long time, charge the battery once every six months to prevent over-discharge.

If the rechargeable battery becomes depleted extremely quickly, it should be replaced with a new one. Please contact your nearest Sony dealer for a battery replacement.

If the unit does not operate properly

Follow the procedure below to reset the unit. Press the **Q** and **CUSTOM** buttons simultaneously while the unit is charging. The unit will return to the factory settings.

When the unit is reset, the pairing information in the unit is not deleted.

Use the same frequency (2.4 GHz) when using the unit near a Wi-Fi device, electromagnetic devices connected to the unit, radio, audio dropout, or the inability to connect. If this happens, try performing the following remedies:

- Establish a connection between the unit and the Bluetooth device when they are at least 10 m (30 feet) away from the Wi-Fi device.
- When using the unit in the car or on a ship, within 10 m (30 feet) of the Wi-Fi device.

Position the unit and the Bluetooth device as near as possible to each other.

Microwaves emitting from a Bluetooth device may affect the operation of electronic medical devices. Turn off this unit and other Bluetooth devices in the following locations, as it may cause an accident:

- In hospitals, near priority signaling in trains, locations where inflammable gas is present, near automatic doors, or near fire alarms.

The audio playback on this unit may be delayed from that on the transmitting device, due to the characteristics of Bluetooth wireless technology. As a result, the sound may not be in sync with the image when viewing movies or playing games.

This product emits radio waves when used in wireless mode.

When used in wireless mode on an airplane, follow flight crew directions regarding permissible use of products in wireless mode.

The unit supports security functions that comply with the Bluetooth standard as a means of ensuring security during communication using Bluetooth wireless technology. However, depending on the configured settings and other factors, this security may not be sufficient. Be careful when communicating using Bluetooth wireless technology.

Sony shall assume no responsibility for any damages or loss resulting from information leaks that occur when using Bluetooth communications.

Connection with all Bluetooth devices cannot be guaranteed.

Bluetooth devices connected with the unit must comply with the Bluetooth standard, and some may not occur depending on the device used. Bluetooth SIG, Inc., and must be certified as compliant.

Even when a connected device complies with the Bluetooth standard, there may be cases where the characteristics or specifications of the Bluetooth device make it unable to connect, or result in different control methods (such as pairing or operation).

When using the unit to perform hands-free talking on the phone, noise may occur depending on the connected device or the communication environment.

Depending on the device to be connected, it may require some time to start communications.

If sound spikes frequently during playback

- The situation may be improved by setting the sound quality mode to "prioritize sound or connection." For details, refer to the Help Guide.
- The situation may be improved by changing the wireless playback quality settings or turning the wireless playback mode to SBC on the transmitting device. For details, refer to the operating instructions supplied with the device.

- When listening to music from a smartphone, the situation may be improved by closing unnecessary apps or restarting the smartphone.

On the use of calling apps for smartphones

- This unit supports normal incoming calls only. Calling apps for smartphones and computers are not supported.

On charging the unit

- This unit can be charged using USB only. A computer with a USB port or a USB A adapter is required for charging.
- Be sure to use the supplied USB Type-C cable.
- The unit is not used for a long time, the rechargeable battery may become depleted quickly. The battery will be able to hold a proper charge after it is discharged and recharged several times. When storing the unit for a long time, charge the battery once every six months to prevent over-discharge.

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When using the unit to perform hands-free talking on the phone, noise may occur depending on the connected device or the communication environment.

Depending on the device to be connected, it may require some time to start communications.

- Do not cover the microphones of the unit with your hands or other objects. Doing so may prevent the noise canceling function or the Ambient Sound Mode from working properly. Charging and usage hours may be different depending on the conditions of the unit.

Charging time:

Approx. 8000 hours

(About 8000 minutes of music playback is possible after 10 minutes charging.)

Charging and usage hours may be different depending on the conditions of the unit.

Charging temperature:

5 °C to 35 °C (41 °F to 95 °F)

Receiver

Impedance:

Approx. 16 Ω (16 Ω) (when connecting via the headphone cable with the unit turned on)

Approx. 16 Ω (16 Ω) (when connecting via the headphone cable with the unit turned off)

Sensitivity:

Approx. 48 mV (when connecting via the headphone cable with the unit turned on)

Approx. 48 mV (when connecting via the headphone cable with the unit turned off)

Frequency response:

Approx. 20 Hz - 20,000 Hz (IEITa)

Included items:

Wireless Noise Canceling Stereo Headset (1)

USB Type-C™ cable (USB-A to USB-C™) (approx. 8000 m (8000 m))

Headphone cable (approx. 8000 m (8000 m))

Carrying pouch (1)

Communication specification

Communication system:

Bluetooth Specification version 4.2 (BT)

USB Type-C™ cable (USB-A to USB-C™) (approx. 8000 m (8000 m))

Headphone cable (approx. 8000 m (8000 m))

Carrying pouch (1)

Maximum communication range:

Line of sight approx. 10 m (30 feet)

Frequency band:

2.4 GHz band (2400 MHz - 2483.5 MHz)

Compatible Bluetooth profile(s):

AD2P / HSP / HFP / SPP

Supported Codecs:

SBC / AAC / LDAC™ / Qualcomm aptX™

Transmission range (A2DP):

10 m - 20,000 Hz (Sampling frequency 44.1 kHz)

The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, etc.

Bluetooth standard profiles indicate the communication, voice chat / www.sony.com/electronics/eco/environmental-management

Codec: Audio signal compression and conversion format

Design and specifications are subject to change without notice.

System requirements for battery charge using USB

USB AC adapter

A commercially available USB AC adapter capable of supplying an output current of 8000 mA (8000 mA) or more

Compatible iPhone/iPod models

iPhone X, iPhone 8 Plus, iPhone 8, iPhone 7 Plus, iPhone 7, iPhone SE, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPod touch (6th generation)

(As of January Year##)

(As of February Year##)

(As of March Year##)

(As of April Year##)

(As of May Year##)

(As of June Year##)

(As of July Year##)

(As of August Year##)

(As of September Year##)

(As of October Year##)

(As of November Year##)

(As of December Year##)

Power source:

DC 3.7 V Built-in lithium-ion rechargeable battery

Operating temperature:

0 °C to 40 °C (32 °F to 104 °F)

Rated power consumption:

Approx. 1 W

Usage notes:

When connecting via the Bluetooth device

Music playback time: Max. 8000 hours

(SBC ON, Max. 8000 hours/Ambient Sound Mode, Max. 8000 hours)

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