

Wireless Stereo Headset

Беспроводная стереофоническая гарнитура

http://rd1.sony.net/help/mdr/whch510/h_zz/



Bluetooth®

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<https://www.sony.net/>

WH-CH510

* 5 0 0 4 9 7 5 3 1 * (1)

A

B

C

English

Wireless Stereo Headset

Do not install the appliance in a confined space, such as a bookcase 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 subject the batteries to extreme low temperature conditions that may result in overheating and thermal runaway.

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.

After extended periods of storage, it may be necessary to charge and discharge the cells or batteries several times to obtain maximum performance.

Dispose of properly.

This equipment has been tested and found to comply with the limits set out in the EMC regulation using a connection cable shorter than 3 meters.

Do not use, store, or leave in a place subject to high amounts of humidity, dust, smoke, or steam, or in a place subject to high temperatures such as near a fire, a location subject to direct sunlight, in a car, etc.

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 using immediately and consult your nearest 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 rain or snow, or in humid locations.

- When using the unit while you are sweaty. If 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 due to foreign matter, and cause abnormal heat generation or malfunction.

This product has magnets which may interfere with pacemakers, defibrillators and programmable shunt valves or other medical devices. Do not put this product close to these medical devices and the person who use any of these medical devices. Consult your doctor before using this product, if you have any concerns.

This product has magnets. Placing cards with magnets in the vicinity of the product may affect the magnetism of the card and render it unusable.

Notes 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.

Complies with IMDA Standards DB00353

WIRELESS STEREO HEADSET
WH-CH510
Sony Corporation

5 V --- MADE IN VIETNAM

CCA019LP0440T2
TP-BE EAC WH-CH510

TRA
REGISTERED No: ER71224/19
DEALER No: DA0096946/12

Reference Guide
参考指南
참고 설명서
Справочник
دليل مرجع



Precautions

On BLUETOOTH® communications

- When the outside of the unit is dirty, clean it by wiping with a soft dry cloth. If the unit is particularly dirty, soak a cloth in a dilute solution of neutral detergent, and wring it well before wiping. Do not use solvents such as thinner, benzene, or alcohol, as they may damage the surface.
- 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 in use, or microwaves are emitted near the unit.
 - Compared to use indoors, use outdoors is subjected little 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 (Fig. A). The sensitivity of the Bluetooth communications can be improved by removing any obstacles between the connected Bluetooth device and the antenna of the unit.
- Bluetooth and Wi-Fi (IEEE802.11b/g/n) devices use the same frequency (2.4 GHz). When using the unit with a Wi-Fi device, electromagnetic interference may occur, resulting in noise, 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 away from the Wi-Fi device.
 - Turn off the Wi-Fi device when using the unit within 10 m of the Wi-Fi device.
 - Position the unit and the Bluetooth device as near as possible to each other.
- Microwaves emitted 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 interference with medical devices:
 - in hospitals, near patient seating 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 prescribed by 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, display, or operation.
 - When using the unit, perform hands-free talking on the phone; however, 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.

Communication specification

Communication system:

Bluetooth Specification version 5.0

Output:

Bluetooth Specification Power Class 2

Maximum communication range:

Line of sight approx. 10 m²

Frequency band:

2.4 GHz band (2.4000 GHz - 2.4835 GHz)

Compatible Bluetooth profiles²:

A2DP / AVRCP / HFP / HSP

Supported Codec³:

SBC / AAC

Transmission range (A2DP):

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

Charging temperature:

5 °C to 35 °C

Mass:

Approx. 132 g

Included items:

Wireless Stereo Headset (1)

USB Type-C™ cable (USB-A to USB-C™)
(approx. 20 cm) (1)

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Notes on the License

This product contains software that Sony uses under a licensing agreement with the owner of its copyright. We are obligated to announce the contents of the agreement to customers under requirement by the owner of copyright for the software.

Please access the following URL and read the contents of the license.

<http://rd1.sony.net/help/mdr/sl/19/>



If sound skips frequently during playback

- The situation may be improved by changing the wireless playback quality settings or fixing the wireless playback mode to SBC on the transmitting device. For details, refer to the operating instructions supplied with the transmitting 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 and computers

- 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 commercially available USB port or a USB AC adaptor is required for charging.

Do not subject the unit to excessive heat such as sunshine, fire or the like for a long time.

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