

Wireless Microphone Microphone sans fil

Operating Instructions
Mode d'emploi
Manual de instrucciones
Инструкции по пользованию
使用説明書

ملفات التسلیخ

For Customers in the U.S.A. and Canada

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Notice

This equipment has been tested and found to comply with the limits for 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 or television reception, which can be determined by turning the equipment off and on. Your user is encouraged to try to correct the interference by one or more of the following measures:

— Recruit 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 device complies with part 15 of the FCC Rules, the Canadian ICES-003 and RSS-Gen 002 of IC Rules.

Operation is subject to the following two conditions:

(1) This device must not cause interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE

The unit complies with FCC/IC RF exposure requirements, the following antenna installation and device operating configurations must be satisfied: the antenna has been installed by the manufacturer and no change can be made.

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

ECM-HW2 (T) - Microphone

The unit complies with FCC/IC RF exposure requirements, the following antenna installation and device operating configurations must be satisfied: the antenna has been installed by the manufacturer and no change can be made. Low power wireless devices are absolutely safe. Low power wireless devices emit low levels of radio frequency (RF) energy in the microwave range while being used. Whereas high levels of RF energy can produce health effects (by heating tissue), exposure to low levels of RF energy that does not produce heat effects causes no known adverse health effects. Numerous studies of low level RF energy have not found any adverse biological effects. Although some studies have suggested such effects may exist, absolute findings have not been confirmed by additional research. ECM-HW2(R) has been tested and found to comply with FCC/IC radiation exposure limits for uncontrolled equipment and meets the FCC/IC, radio frequency (RF) Exposure Guidelines in Supplement C of OET65.

ECM-HW2 (R) - Receiver

No scientific evidence exists to suggest that any health effects are associated with the use of video cameras. However, there is a potential risk that certain low-power wireless devices are absolutely safe. Low power wireless devices emit low levels of radio frequency (RF) energy in the microwave range while being used. Whereas high levels of RF energy can produce health effects (by heating tissue), exposure to low levels of RF energy that does not produce heat effects causes no known adverse health effects. Numerous studies of low level RF energy have not found any adverse biological effects. Although some studies have suggested such effects may exist, absolute findings have not been confirmed by additional research. ECM-HW2(R) has been tested and found to comply with FCC/IC radiation exposure limits for uncontrolled equipment and meets the FCC/IC, radio frequency (RF) Exposure Guidelines in Supplement C of OET65.

For Customers in Europe

Refer to the other operating instructions.

For Customers in Singapore

Complies with
EU Standards
DB00053

Features

The Wireless Microphone is designed to be used with a compatible video camera equipped with an Active Interface Shoe.

• This wireless microphone can pick up the sound of a subject at a distance from the video camera clearly.

• It is supplied with a bone conduction channel sound, delivering clear natural sound.

• This wireless microphone is based on Bluetooth wireless communication technology.

• A microphone unit and a receiver are provided for each receiver installed on the video camera and the microphone for the subject (transmitter, referred to below as "microphone"). The person recording the scene with the video camera and the subject can communicate with a part, and that sound can be recorded.

Bluetooth® Wireless Communication Technology

Bluetooth® wireless communication technology allows communication between various Bluetooth devices without using cables. Devices that can use this technology include PCs, computer peripheral devices and mobile phones.

• Attaching the microphone in a position that is suitable for the recording location, and which provides the best sound while monitoring through the earphone attached to the receiver (as described later).

Notes

If you are using a medical device, such as a receiver, do not attach the receiver to your video clothes, such as the hood or jacket in a manner that would interfere with the antenna, as this may affect the signal.

• If the microphone is placed near the receiver, it may not work correctly. However, communication with a receiver or microphone is sold as a pair, or any other Bluetooth device such as mobile phones, PCs, etc. is not possible.

Notes

• This wireless microphone may be affected under the following conditions.

— When there are obstacles such as people, metallic objects, walls, or reflective surfaces between the front of the receiver and the microphone.

— When used in a location where a WLAN system environment exists, near metal objects, such as magnetic materials.

• If the microphone is placed close to the video camera, RF interference or noise may result in the recorded sound. Keep the microphone at least 1 m (3 ft) from the video camera.

• Even if the microphone is used as a base station for determining communication, the communication lamp on the receiver will blink rapidly. Ensure that the distance between the devices is not too far, and no obstacles are between them. Continue use until the communication lamp is lit constantly.

Notes on Use

• Do not let any liquid or foreign objects get into the casing.

• Do not damage or disassemble the wireless microphone.

• Do not use the wireless microphone near a medical device such as a hospital-aided medical device, in an aerial, or if radio interference with another device(s) occurs. RF energy emitted from this wireless microphone may interfere with other devices, resulting in an accident.

• The wireless communication device can be used in only the countries or regions where it is certified.

• This wireless microphone is a precision instrument. Do not drop, strike or apply a strong impact.

• If the earphone is placed near the microphone (sound pickup unit) during recording, a hearing effect (acoustic feedback) may occur. If this happens, place the earphone further away from the microphone (sound pickup unit), or lower the volume of the earphone.

• When using the wireless microphone in the MONO MIX mode, if the receiver and microphone pick up the same sound, it causes an echo or clipping noise. Place the earphone further away from the microphone (sound pickup unit) so that the power of the earphone is reduced.

• When used at a recording location, the battery performance drops compared to use at a normal location.

• Do not expose the batteries to excessive heat such as sunshine, fire or the like.

On Trademarks

• The Bluetooth trademarks are owned by their proprietor and used by Sony Corporation under license.

• All other products names mentioned herein may be trademarks or registered trademarks of their respective companies. Furthermore, "and" are not mentioned in each case in this manual.

On the Mode Switch

The mode switch is available. Select one of them by switching the Power/Mode switch on the earphone, and then recording.

• **SIMeX mode**

The sound picked up by the microphone will be recorded.

The microphone picks up normally both the subject and surrounding sound equally clearly, even when the video camera is away from the microphone.

• **5.1ch MIX mode**

A wireless video camera compatible with 5.1ch recording, this wireless microphone works as the center microphone of 5.1ch recording. The natural sound around both of the microphone and video camera can be recorded by 5.1ch recording with this wireless microphone.

• **Mono MIX mode**

The sound picked up by both of the microphone and video camera will be recorded separately and transmitted sound, resulting in a slight between sound and the sound recorded by the microphone.

• **Communication lamp**

The communication lamp on the receiver will be turned off when the communication lamp on the receiver side is turned on.

• **Antenna**

The sound the microphone is picking up is heard by connecting the earphone to the receiver's earphone jack. The sound that the receiver is picking up can be heard by connecting the earphone to the microphone's earphone jack.

• **Monaural, non-directional**

The microphone picks up the sound from the subject and the sound from the surroundings.

• **Monaural, directional**

The microphone picks up the sound from the subject and the sound from the surroundings.

• **Communication lamp**

The lamp lights, blinks or goes out according to the status of the devices and communication mode as follows:

— Immediately after turning on the receiver or microphone, the lamp blinks blue slowly (standby mode).

— When the communication lamp is lit, the sound can be recorded.

— When turning off the receiver or microphone, the lamp blinks blue quickly (standby mode).

— When the communication lamp is lit, the sound can be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

— When the communication lamp is off, the sound cannot be recorded.

<div data-bbox="114 1574 274 158

