

Canon

PUB. DIM 0996-000

WM-V1

キヤノンワイヤレスマイク
Canon Wireless Microphone
Microphone sans fil Canon
Canon Funkmikrofon
Microfono Wireless Canon
Microfono Wireless Canon
Беспроводной микрофон Canon

Bluetooth



- Place the windscreen on the microphone
 - Place the windscreen so that the microphone's earphone jack is visible from the top of the windscreen.
- Turn on the camcorder
 - The  (wind out) icon appears on the camcorder's LCD screen.

Before shooting

- If your camcorder is equipped with a headphone jack, check whether the microphone is functioning by connecting headphones or the supplied earphone, speaking into the microphone, and monitoring the sound that is picked up.
- If you can display an audio level indicator on your camcorder's screen, use the audio level indicator to check sound levels.
- If you want to adjust sound levels manually, select [Mc. Level] on the camcorder and set it to M (manual).
- If you want to mix and record audio from both the WM-V1 and the camcorder, select [Audio Mix] on the camcorder and adjust the audio balance.

Checking microphone audio with the earphone

You can check the status of sound picked up with the microphone by connecting the supplied earphone to the microphone's earphone jack. In addition, connecting the supplied earphones to both the receiver and the microphone allows transceiver communication. During Bluetooth® wireless communication, you may notice a slight lag between the actual sound and the audio heard in the earphone, and audio feedback may occur. These are not malfunctions.

Bluetooth® wireless communication

- Bluetooth® wireless communication is used between the receiver and microphone of the WM-V1, and connection is established automatically. Bluetooth® communication between devices other than the WM-V1 is not supported.
- If the microphone is too close to the camcorder, RF interference may cause noise in the recorded sound. Keep the microphone at least 1 m (3 ft.) away from the camcorder during use.

After using the WM-V1

- Turn off the camcorder.
- Turn off the receiver and microphone.
- Disconnect the connecting cable from the camcorder's MIC jack.
- Remove the receiver from the camcorder.
- Disconnect the connecting cable from the receiver.

IMPORTANT

- Do not touch the microphone or windscreen while recording, as this will cause noise to be recorded.
- Using the microphone close to high-voltage equipment or to devices that emit strong electromagnetic fields (high-voltage lines, electrical towers, some cellular phones, etc.) may cause noise to be recorded.
- When carrying the camcorder with the microphone attached, be sure to support the camera body. Never carry the camcorder by the microphone.
- Test the microphone by speaking into it. Do not tap the microphone or blow into it.
- Do not drop or jolt the microphone. This may damage the microphone or impair its performance. Handle the microphone with care.
- Do not disassemble or touch the interior parts of the microphone. Consult your dealer or a Canon Service Center if problems occur.
- Do not use or leave the microphone in hot, humid places such as inside a car in hot weather or in direct sunlight.
- Do not leave the microphone attached when storing the camcorder in a case, etc.

Maintenance

- Clean the units by dusting them lightly with a soft, dry cloth. Do not use thinner, benzene, alcohol, or other volatile cleaners or solvents.
- Keep the microphone's earphone jack clean at all times. The microphone will not work properly if the terminals are dirty. Attach the supplied earphone cap when the microphone is not in use.
- The windscreen cannot be washed. If it gets wet, pat it with a soft, dry cloth and let it dry naturally.

Specifications

Communication specifications

Communication system: Bluetooth Ver. 2.0
Power class: Bluetooth Power Class1
Frequency band used: 2.4 GHz band (2400 – 2483.5 MHz)
Profile: A2DP
Communication distance: Approx. 50 m (164 ft.)

Receiver/microphone (transmitter)

Directionality (channel): Non-directional, monaural
Frequency characteristics: 500 Hz – 7 kHz (1 kHz reference ±6 dB or less)
Power supply: One size AAA (LR23) alkaline dry battery or one size AAA (ZNR33) nickel-metal hydride rechargeable battery
Power consumption: Less than 250 mW
Continuous operating time: Approx. 3 hours (when used with alkaline battery at 25 °C (77 °F) air temperature and with volume level of earphone jack at default setting)
Jack: Mini jack (monaural) with 3.5 mm diameter

Operating temperature range: Approx. 0 °C to 40 °C (32 °F to 104 °F)
Dimensions: Approx. 29 (W) x 68 (H) x 37 (L) mm (1.1 x 2.7 x 1.5 in.) (excluding protrusions)
Weight (excluding battery): Approx. 28 g (1 oz.)
Accessories: Monaural earphones x 2, Earphone cap, Connecting cable, Windscreen

Camcorders supporting the WM-V1: VXA HF R2 (R20/R200), VXA HF MA1 (MA0/M20), LEGRA HF M51 (MA0/MA20), VXA HF G10, LEGRA HF G10, and XA10

Bluetooth is a registered trademark of Bluetooth SIG, Inc.

Weight and dimensions are approximate. Errors and omissions excepted. Subject to change without notice.

FCC/IC NOTICE

This device complies with Part 15 of the FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) the device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation of this device.

Note: This equipment has been tested and found to comply with the limits for class B digital devices, 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:

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

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to CE105 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption ratio (SAR).

Canadian Radio Interference Regulations

This Class B digital apparatus complies with Canadian ICES-003.

English

Instructions

Thank you for purchasing the WM-V1 Wireless Microphone.

The WM-V1 consists of a receiver and a microphone (transmitter) and was created for exclusive use with Canon camcorders. The WM-V1 allows sound recording in a variety of different environments.

Bluetooth® wireless communication is used between the receiver and microphone of the WM-V1. By attaching the receiver to the camcorder and the microphone to the shooting subject, you can record sound from far-away subjects that may be difficult to pick up using the camcorder's built-in microphone. You can also mix and record sound from the WM-V1 and sound from the camcorder's built-in microphone.

* The WM-V1 may not operate properly depending on your camcorder model. Refer to the latest information for details on supported models.

Please read these instructions carefully before using the microphone. After reading, make sure to store these instructions for future use. Refer also to your camcorder's instruction manual.

Using the windscreen

By attaching the windscreen to the microphone before shooting, you can reduce noise caused by wind or breathing. We recommend attaching the windscreen when shooting in outdoor locations.

Preparations

The WM-V1 requires batteries (optional). Use two size AAA alkaline dry batteries or two size AAA NiMH rechargeable batteries.

- Slide and remove the receiver's battery compartment lid
- Insert a battery so that the battery removal film is underneath
- Close the battery compartment lid
- Repeat steps 1 to 3 to insert a battery into the microphone.

Attaching the receiver and microphone

Attach the receiver to the camcorder and the microphone to the shooting subject.

- Insert the straight plug of the connecting cable into the receiver's earphone jack
- Open the receiver's clip, and attach it to the grip belt of the camcorder
- Insert the right angle plug of the connecting cable into the camcorder's MIC jack
- Slide the power switch on the receiver to the ON position.

- The receiver's communication indicator blinks blue.

- Open the microphone's clip, and attach it to the subject's clothes.
 - If the subject uses an electronic medical device such as a pacemaker, do not attach the microphone near the subject's chest region. Do not use the WM-V1 near electronic medical devices or other such devices.
 - If the microphone is not attached securely, it may rub against the subject's clothes and rustling noises may be picked up. Make sure to attach it securely.

- Slide the power switch on the microphone to the ON position.
 - The microphone's communication indicator blinks blue.
 - Bluetooth® wireless communication between the receiver and the microphone is established automatically. When communication is established, both of the communication indicators will remain steadily lit in blue.

