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Zoom H5

Zoom H5 Handy Recorder User Manual

Comprehensive guide for setting up, operating, and maintaining your Zoom H5 Handy Recorder.

PRODUCT OVERVIEW

The Zoom H5 Handy Recorder is a versatile 4-track portable audio recorder designed for high-quality sound capture in various applications, including live recording, film sound, and podcasting. It features interchangeable input capsules, allowing for flexible microphone configurations.



Figure 1: The Zoom H5 Handy Recorder, showcasing its main body and the attached XY microphone capsule. This compact device is designed for portable, high-fidelity audio recording.



Figure 2: A visual representation of the Zoom H5's dimensions, indicating its compact size suitable for handheld operation. The device measures approximately 20 cm (8.0 inches) in length.

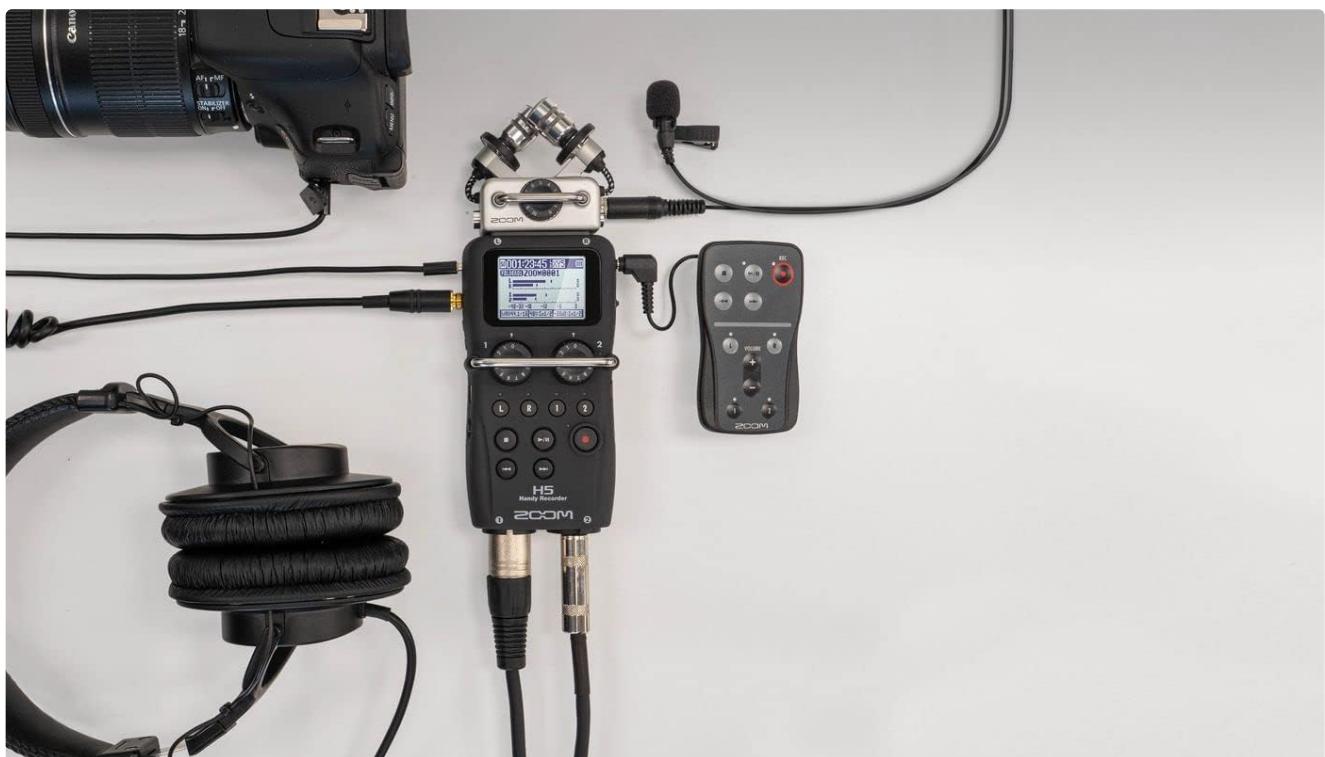


Figure 3: The Zoom H5 Handy Recorder displayed with some of its common accessories, including headphones, a remote control, and various cables, illustrating a typical recording setup.



Figure 4: The Zoom H5 Handy Recorder mounted on top of a camera, demonstrating its use as an external audio recorder for video production, enhancing sound quality.



Figure 5: The retail packaging for the Zoom H5 Handy Recorder, showing the product box and its branding.

Key Features:

- **High-Resolution Recording:** Supports 24-bit/96 kHz recording in WAV (BWF compatible) and various MP3 formats.
- **Expandable Inputs:** Features two microphone/line inputs via XLR/TRS combo jacks with individually selectable phantom power and -20 dB pad attenuation.
- **Interchangeable Capsules:** Compatible with all Zoom interchangeable microphone capsules, including the

included XYH-5 XY capsule.

- **Integrated Effects:** Built-in high-pass filter, compressor, and limiter for optimized audio.
- **Intuitive Controls:** Potentiometer gain control for each input and a backlit LC display for easy navigation.
- **Storage:** Supports SD/SDHC cards up to 32 GB.

SETUP GUIDE

Follow these steps to prepare your Zoom H5 Handy Recorder for use.

1. Battery Installation

1. Locate the battery compartment on the rear of the H5 unit.
2. Slide the battery cover open.
3. Insert four (4) AA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

2. SD Card Insertion

1. Locate the SD card slot on the side of the H5.
2. Insert an SD or SDHC card (up to 32 GB) into the slot until it clicks into place. Ensure the card is inserted with the correct orientation.
3. To remove, gently push the card inward until it springs out.

3. Attaching the XY Microphone Capsule

1. Align the contacts on the bottom of the XYH-5 capsule with the input connector on the top of the H5 main unit.
2. Gently slide the capsule onto the main unit until it clicks into place.
3. To remove, press the release button on the side of the capsule and slide it off.

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Video 1: An official demonstration video showing the physical features and basic setup of the Zoom H5 Handy Recorder, including battery and SD card installation, and attaching the XY microphone capsule.

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Video 2: A closer look at the Zoom H5, detailing its various ports, controls, and the modular design that allows for interchangeable microphone capsules.

OPERATING INSTRUCTIONS

This section covers the basic operation of your Zoom H5 for recording and playback.

1. Powering On/Off

- To power on, slide the POWER switch on the side of the unit downwards and hold until the display illuminates.

- To power off, slide the POWER switch downwards and hold until the display turns off.

2. Adjusting Input Levels

- Use the large gain knobs (L, R, 1, 2) on the front panel to adjust the input level for each channel.
- Monitor the level meters on the LCD screen to ensure levels are not clipping (peaking into the red). Aim for levels around -12dB to -6dB for optimal recording.
- For very loud sources, activate the -20dB pad for inputs 1 and 2 via the menu settings to prevent distortion.

3. Recording Audio

1. Press the **REC** button (red circle) to enter record-ready mode. The REC indicator will blink.
2. Adjust input levels as described above.
3. Press the **REC** button again to start recording. The REC indicator will light continuously.
4. To pause recording, press the **PLAY/PAUSE** button. Press again to resume.
5. To stop recording, press the **STOP** button.

4. Playback

- Navigate through recorded files using the navigation buttons.
- Press the **PLAY/PAUSE** button to start playback.
- Adjust the headphone volume using the VOLUME dial on the side.

5. Using Phantom Power

The H5 can supply +12V, +24V, or +48V phantom power to condenser microphones connected to inputs 1 and 2.

1. Press the **MENU** button.
2. Navigate to the "INPUT" menu and select "PHANTOM".
3. Choose the desired voltage (+12V, +24V, or +48V) for each input.
4. Ensure phantom power is only enabled when using microphones that require it.

MAINTENANCE AND CARE

Proper care will extend the life and performance of your Zoom H5.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents.
- **Storage:** Store the H5 in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, remove the batteries to prevent leakage.
- **Handling:** Avoid dropping the unit or subjecting it to strong impacts. Protect the microphone capsules from dust and moisture.
- **Battery Life:** For optimal battery life, use high-quality alkaline or rechargeable AA batteries.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

No Power / Unit Does Not Turn On:

- Check if the batteries are inserted correctly with the proper polarity.
- Ensure the batteries have sufficient charge. Replace with new batteries if necessary.
- Verify that the POWER switch is held down long enough to initiate power-on.
- If using USB power, ensure the USB cable is securely connected and the power source is active.

No Sound During Recording or Playback:

- Check input gain levels. Increase if too low.
- Ensure microphones or input sources are properly connected.
- If using condenser microphones, verify that phantom power is enabled if required.
- Check headphone volume.
- Ensure the correct input channels are enabled for recording.

Distorted Audio:

- Reduce input gain levels to prevent clipping.
- Activate the -20dB pad for inputs 1 and 2 if the source is very loud.
- Check if the built-in limiter is enabled in the menu settings.

SD Card Error:

- Ensure the SD card is fully inserted.
- Try formatting the SD card using the H5's menu (note: this will erase all data on the card).
- Test with a different SD card to rule out a faulty card.

TECHNICAL SPECIFICATIONS

Feature	Specification
Recording Resolution	24-bit/96 kHz
Supported Formats	WAV (BWF compatible), MP3
Storage Media	SD/SDHC cards up to 32 GB
Inputs	2 x XLR/TRS Combo Jacks (with phantom power and -20dB pad)
Microphone Capsule	Interchangeable (XYH-5 XY capsule included)
Integrated Effects	High-pass filter, Compressor, Limiter
Display	Backlit LC Display
Power Source	4 x AA Batteries (included) or USB power

Feature	Specification
Dimensions (W x D x H)	7.77 x 4.78 x 15.29 cm (approx. 3.06 x 1.88 x 6.02 inches)
Weight	281.23 g (approx. 0.62 lbs)
Hardware Interface	USB
Headphone Jack	3.5 mm

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Zoom website or contact your local authorized dealer. Keep your proof of purchase for warranty claims.

Online resources often include:

- Latest firmware updates
- Additional user guides and FAQs
- Driver downloads for computer connectivity

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Related Documents - H5

	<p>ZOOM H6essential Handy Recorder Operation Manual</p> <p>Comprehensive operation manual for the ZOOM H6essential Handy Recorder, detailing its features, recording capabilities, audio interface functions, and setup instructions.</p>
	<p>ZOOM P4 Portable Recorder: Quick Start Guide</p> <p>A concise guide to the ZOOM P4 portable recorder, covering its features, connections, recording, playback, and essential settings for podcasting and audio production.</p>

 <p>ZOOM H4next Handy Recorder Operation Manual</p>	<p>Comprehensive operation manual for the ZOOM H4next Handy Recorder, detailing its features, setup, recording modes, playback, editing, and utility functions for professional and amateur audio recording.</p>
 <p>ZOOM P4next PodTrak Portable Recorder - Quick Tour and User Guide</p>	<p>This quick tour and user guide provides essential information for the ZOOM P4next PodTrak portable audio recorder. Learn about setup, battery and SD card insertion, power options, initial settings, connecting microphones and devices, adjusting audio levels and quality, using the SOUND PAD, recording, playback, troubleshooting, and device overview.</p>
 <p>ZOOM H6studio Handy Recorder: Quick Tour and User Manual</p>	<p>Comprehensive guide to the ZOOM H6studio Handy Recorder, covering setup, recording, playback, advanced features, and troubleshooting. Learn how to use your portable audio recorder effectively.</p>
 <p>ZOOM H4essential Handy Recorder: Version 1.2 Supplementary Manual - Features and Operation</p>	<p>This supplementary manual details new features and functions added to the ZOOM H4essential Handy Recorder in versions 1.2 and 1.1, including pausing recordings and controlling guide sound via shortcut. It provides operational guidance and important notes for users.</p>