Zoom Q2n-4K

Zoom Q2n-4K Handy Video Recorder User Manual

Model: Q2n-4K

Brand: Zoom

1. INTRODUCTION AND OVERVIEW

The Zoom Q2n-4K is a compact 4KHD video camera designed for musicians and content creators. It features a 150-degree wide-angle lens, versatile lighting scene settings, and high-quality stereo XY microphones, making it ideal for capturing performances, videos, and livestreams with exceptional audio and video clarity.

Figure 1.1: Front view of the Zoom Q2n-4K Handy Video Recorder, highlighting its lens and stereo microphones.

Key Features:

- **Capture Stunning 4K:** Records in crystal-clear 4K resolution at 30fps, 25fps, and 24fps, ensuring sharp, vibrant, and professional-looking videos.
- **Superior Audio Quality:** Features high-quality WAV audio recording at up to 96 kHz/24-bit, paired with a fixed 120° XY stereo mic, capturing pristine sound with a maximum sound pressure of 120 dB SPL.
- **Versatile Scene Settings:** Offers a wide array of scene settings, including Auto, Outdoor, Sunset, Night, Concert Light, and more, allowing optimization for any environment.
- **Flexible Power Options:** Powered by 2 AA batteries (Alkaline, Ni-MH, or Lithium) or via USB, providing versatile power solutions for extended recording sessions.
- **Expandable Storage:** Supports microSDHC/microSDXC cards up to 256GB (class 10 or higher), providing ample storage space for hours of high-resolution video and audio recording.

2. WHAT'S IN THE BOX

Upon opening the package, ensure all the following items are present:

- Zoom Q2n-4K Handy Video Recorder
- Lens hood
- Lens cap
- AA batteries (x2)
- Quick guide

3. SETUP

3.1 Battery Installation

The Q2n-4K operates on two AA batteries. To install, locate the battery compartment on the bottom of the device. Open the cover, insert the batteries according to the polarity indicators (+/-), and close the cover securely.

3.2 MicroSD Card Installation

The Q2n-4K supports microSDHC/microSDXC cards up to 256GB (Class 10 or higher recommended for 4K recording). Insert the microSD card into the designated slot until it clicks into place. To remove, push the card gently until it springs out.

Figure 3.1: The Q2n-4K supports both microSDHC and microSDXC cards for storing WAV audio and MOV video files.

3.3 Powering On

Press and hold the power button located on the side of the device until the LCD screen illuminates. The device will perform a brief startup sequence.

Figure 3.2: Side view of the Q2n-4K, illustrating the USB and HDMI ports for power and connectivity.

4. OPERATING INSTRUCTIONS

4.1 Video Recording

To begin video recording, ensure a formatted microSD card is inserted. Use the navigation buttons to select your desired video resolution (e.g., 4K/30fps, 1080p/60fps) and frame rate. Adjust the Field of View (FOV) and select a suitable lighting scene from the available options (Auto, Outdoor, Sunset, Night, Concert Light, etc.) to optimize image capture for your environment. Press the record button to start and stop recording.

Figure 4.1: The Q2n-4K's LCD screen displays current recording settings, including video resolution, audio format, and remaining recording time.

4.2 Audio Recording

The Q2n-4K features high-quality XY stereo microphones. For optimal audio, ensure the microphone gain is set appropriately to avoid clipping. The device supports WAV audio recording at up to 96 kHz/24-bit. You can monitor

audio levels on the LCD screen. An external microphone can be connected via the 1/8" Stereo input jack, bypassing the built-in XY mics.

Figure 4.2: Top view of the Q2n-4K, showcasing its integrated stereo XY microphones.

4.3 Connecting to External Devices

The Q2n-4K includes a micro HDMI output for connecting to a TV or monitor for playback. It also has a micro USB port for file transfer to a computer or for use as a webcam/USB microphone. The 1/8" Stereo output jack can be used for headphone monitoring or as a line out.

Figure 4.3: Side view of the Q2n-4K, illustrating the various control buttons for navigation and settings adjustment.

5. MAINTENANCE

5.1 Battery Care

To prolong battery life, remove batteries if the device will not be used for an extended period. Use high-quality alkaline, Ni-MH, or Lithium AA batteries. For continuous operation, consider powering the device via USB.

5.2 Storage

Store the Q2n-4K in a cool, dry place away from direct sunlight and extreme temperatures. Always use the provided lens cap and hood to protect the lens when not in use.

5.3 Cleaning

Use a soft, dry cloth to clean the exterior of the device. For the lens, use a specialized lens cleaning cloth and solution. Avoid using abrasive cleaners or solvents.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **Device not powering on:** Check battery installation and charge level. Ensure USB power source is connected correctly if not using batteries.
- **Poor video quality:** Ensure adequate lighting for your shot. Verify selected resolution and frame rate. Clean the lens if blurry.
- **Poor audio quality:** Check microphone gain levels to prevent clipping. Ensure external microphone is properly

connected if used. Verify audio recording settings (kHz/bit).

- **SD card errors:** Ensure the card is Class 10 or higher. Try reformatting the card within the device (this will erase all data).
- **No sound on playback (Windows):** Some high-quality WAV audio settings may require specific drivers or codecs on Windows. Try a lower audio setting or use a different playback device/software.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	2.5 x 2.25 x 3.5 inches
Item Weight	4.3 ounces
Item Model Number	Q2n-4K
Batteries	2 AA batteries required (included)
Video Capture Resolution	4K
Media Type	Micro SD Card (up to 256GB)
Shooting Modes	Automatic
Exposure Control Type	Automatic
Color	Black
Manufacturer	Zoom
Date First Available	October 29, 2018

8. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Zoom website or the comprehensive User Manual PDF available for download. You can find the User Manual PDF at:
https://manuals.plus/m/8eebf7d6619e27df033a921bb659e6ac9e0900ffbc562140cd045c23746771af
Additional support resources, including FAQs and software updates, may be available on the Zoom North America store page: Zoom North America Store