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> Zoom Instamic Pro Plus C Mono: User Manual

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Wearable 32-Bit Float Recorder and Wireless Microphone

Model: Pro Plus C Mono

1. PRODUCT OVERVIEW

The Zoom Instamic Pro Plus C Mono is a compact, professional audio recorder designed for high-quality sound capture in various environments. It features 32-bit float recording to prevent audio clipping, built-in MEMS microphones for clear sound, and an IP67 waterproof housing for durability. This device functions as both a standalone recorder and a wireless microphone, offering flexibility for creators, filmmakers, podcasters, and field recordists.



32-Bit Float For Clip-Free Audio

Figure 1: The Instamic Pro Plus C Mono, demonstrating its small, wearable design.

2. SETUP

2.1 Charging the Device

Before initial use, fully charge your Instamic Pro Plus C Mono. Connect the device to a USB-C power source using the provided cable. The indicator lights will show charging status and turn solid when fully charged.

2.2 Powering On/Off

To power on, press and hold the main button until the indicator lights illuminate. To power off, press and hold the button until the lights extinguish.

2.3 App Installation and Pairing

Download the "Instamic" app from your device's app store (available for iOS and Android). Open the app and follow the on-screen instructions to pair your Instamic via Bluetooth.

2.4 Mounting Options

The Instamic Pro Plus C Mono includes multiple mounting accessories for versatile placement:

- **Magnetic Clip:** For attaching to clothing or thin magnetic surfaces.
- **Adhesive Tape:** For semi-permanent attachment to various surfaces.
- **Nano Suction Tape:** For temporary attachment to smooth surfaces like glass or metal.



Figure 2: Instamic mounted on a car window, demonstrating flexible placement.

3. OPERATING INSTRUCTIONS

3.1 Recording Audio

The Instamic Pro Plus C Mono utilizes 32-bit float recording, eliminating the need for manual gain adjustments and preventing clipping. Simply press the record button (or initiate recording via the app) to begin capturing audio. The device features 4 built-in omnidirectional MEMS microphones, providing full spectrum sound from 40Hz to 20kHz with low noise.



Figure 3: Discreet placement of the Instamic for hands-free recording.

3.2 Wireless Microphone Functionality

The Instamic can connect to smartphones, computers, and compatible action cameras (e.g., Insta360 X3, GoPro 12 & 13, Garmin VIRB) via Bluetooth to function as a wireless microphone. This allows for high-quality audio capture directly into your video recordings.

3.3 Remote Control via Instamic App

The Instamic app provides comprehensive remote control capabilities, allowing you to:

- Start and stop recordings.
- Monitor audio levels.
- Adjust settings.
- Sync clocks for multi-device setups (up to 10 Instamics).



Figure 4: The Instamic app interface for remote control and monitoring.

3.4 Timecode Synchronization

For professional video workflows, the Instamic Pro Plus C Mono supports internal timecode with 2.5 PPM accuracy. It is also compatible with external timecode generators like Atomos and Tentacle Sync for seamless audio-video synchronization.

3.5 Waterproof Operation (IP67)

The device is IP67 waterproof, meaning it is protected against dust and can withstand submersion in water up to 1 meter for 30 minutes. This makes it suitable for recording in challenging outdoor or wet conditions.

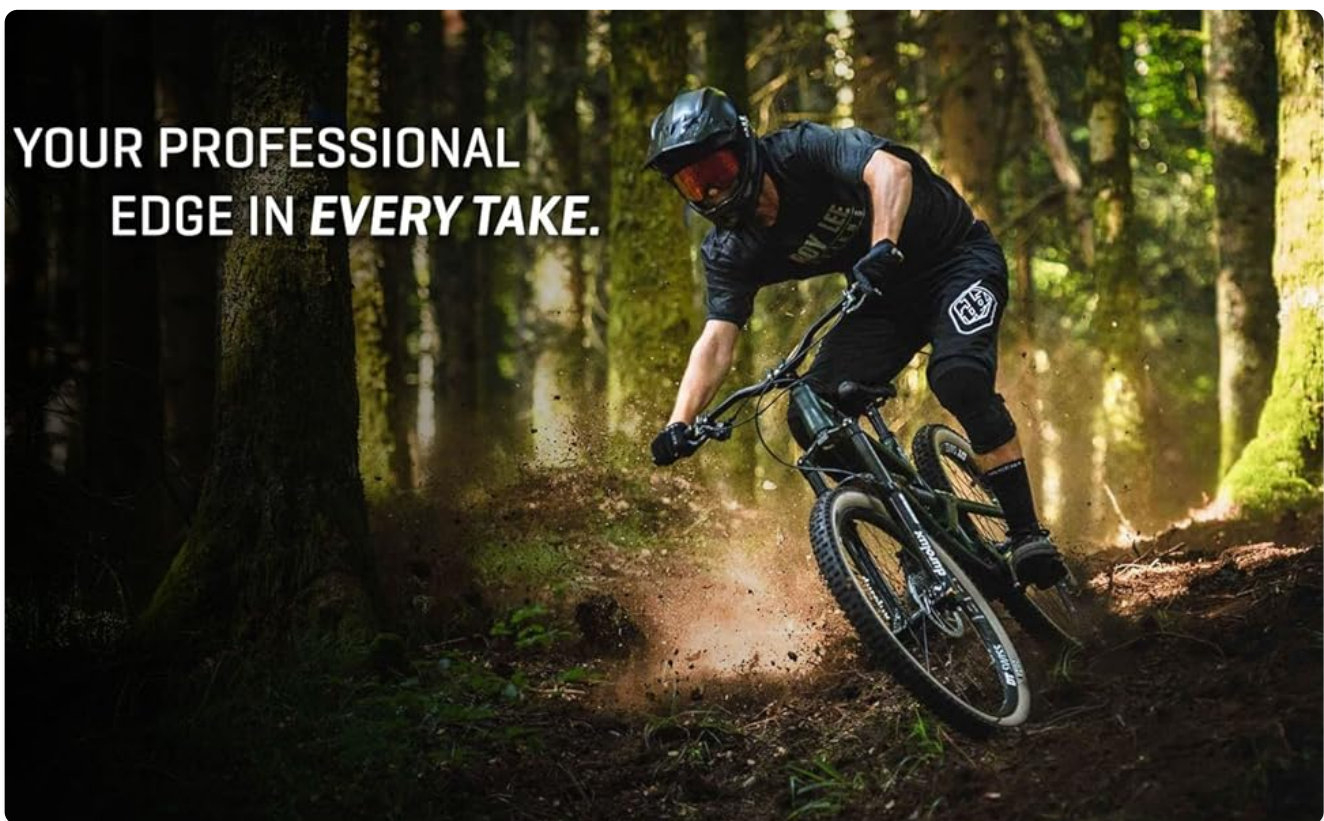


Figure 5: The Instamic's waterproof capability in action.

3.6 Internal Storage and Battery Life

The Instamic Pro Plus C Mono includes 16GB of internal storage, sufficient for approximately 22 hours of 32-bit float mono recording. The internal battery provides up to 4.5 hours of continuous recording on a single charge and recharges via USB-C.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Instamic Pro Plus C Mono, follow these maintenance guidelines:

- **Cleaning:** After use, especially in wet or dusty environments, gently wipe the device with a soft, damp cloth. Ensure all ports are dry before charging or connecting.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, charge the battery to approximately 50% to prolong its lifespan.

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Video 1: Introducing the Instamic Pro Plus C. This video demonstrates the product's features, including its waterproof capabilities and ease of use. It shows the device being submerged in water and then wiped dry, illustrating proper handling after exposure to moisture.

5. TROUBLESHOOTING

- **Device not powering on:** Ensure the device is fully charged. Connect to a USB-C power source and check indicator lights.
- **Recording issues (no audio/distortion):** Verify the device is powered on and has sufficient battery. Ensure the microphones are not obstructed. For 32-bit float recording, manual gain adjustment is not required, but ensure the device is placed appropriately for the sound source.

- **Bluetooth connection problems:** Ensure Bluetooth is enabled on your phone/computer. Restart both the Instamic and your device. Re-attempt pairing through the Instamic app.
- **App not detecting Instamic:** Confirm the Instamic is powered on and within Bluetooth range. Close and reopen the Instamic app.
- **Water exposure:** While IP67 waterproof, always ensure the device is thoroughly dried after exposure to water, especially around the USB-C port, before charging or connecting.

6. SPECIFICATIONS

Feature	Detail
Model Number	Pro Plus C Mono
Recording Format	32-Bit Float
Microphone Type	Omnidirectional MEMS (4 built-in)
Frequency Response	40Hz - 20kHz
Max SPL	135 dB
Internal Storage	16 GB
Digital Recording Time	Up to 22 hours (32-bit float mono)
Battery Life	Up to 4.5 hours (continuous recording)
Charging Interface	USB-C
Connectivity	Bluetooth
Waterproof Rating	IP67
Timecode Accuracy	2.5 PPM (internal)
Item Weight	35 Grams

7. WARRANTY INFORMATION

The Zoom Instamic Pro Plus C Mono comes with a 1-year limited warranty from the date of purchase. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Zoom website or contact customer support.

8. SUPPORT

For further assistance, technical support, or to access additional resources, please visit the official Zoom website or contact their customer service department. You can find contact information and FAQs on their support pages.