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Sena 10C-EVO-01

Sena 10C EVO Motorcycle Bluetooth Camera & Communication System - User Manual

Model: 10C-EVO-01

Introduction

The Sena 10C EVO combines Sena's leading Bluetooth communications platform with an integrated 4K camera, allowing for easy rider communication and video recording. This device features a sleek, compact design with a brand-new camera platform capable of recording up to 4K/30FPS quality. It offers four-way Bluetooth Intercom capabilities for communication with riders up to 1.6 km (1 mile) and Bluetooth connectivity to your smartphone for calls, music, and GPS directions.

Key Features

- Capture video in up to 4K/30FPS quality or take photos in still shot, burst, or time-lapse mode.
- Smart Audio Mix allows narration of footage on-the-go, eliminating the need for follow-up audio editing.
- Group Intercom enables communication with up to three other riders.
- Bluetooth connectivity pairs to your smartphone for calls, music, and GPS access.
- Compact, aerodynamic design optimized for helmets, hugging close to the outer shell.
- Customize camera settings using a dedicated smartphone app.

Setup

Before first use, ensure your Sena 10C EVO is fully charged. The device comes with various mounts to fit most helmets. Follow these general steps for initial setup:

1. **Mounting:** Securely attach the 10C EVO unit to your helmet using the provided clamp or adhesive mount. Position it to ensure the camera lens has a clear field of view and the microphone is optimally placed.
2. **Speaker and Microphone Installation:** Install the speakers inside your helmet, aligning them with your ears. Connect the boom microphone or wired microphone as per your preference and helmet type.
3. **Initial Power On & Pairing:** Press and hold the main button to power on the device. For initial Bluetooth pairing with your smartphone, refer to the quick start guide for specific pairing mode instructions.
4. **App Installation:** Download and install the Sena Camera App and Sena Utility App from your smartphone's app store. These apps allow for device configuration, firmware updates, and media management.



Figure 1: Sena 10C EVO unit with included speakers and microphones for helmet installation.

Operating Instructions

The Sena 10C EVO offers integrated communication and camera functionalities. Here's how to operate its main features:

Camera Operation

- **Video Recording:** The camera records in up to 4K/30FPS. Use the dedicated camera button or voice commands to start/stop recording. The Sena Camera App provides a live preview and allows for remote control.
- **Photo Modes:** Capture still shots, burst photos, or time-lapse sequences. Settings for these modes can be adjusted via the Sena Camera App.
- **Smart Audio Mix:** This feature allows you to record your voice from the intercom directly onto the video footage, eliminating the need for post-production audio synchronization.
- **Video Tagging:** Mark important moments during recording for easy retrieval later.

Communication Features

- **Bluetooth Intercom:** Communicate with up to three other Sena riders within a 1.6 km (1 mile) range. Initiate intercom conversations by pressing the intercom button.
- **Smartphone Connectivity:** Pair your smartphone via Bluetooth to make and receive phone calls, listen to music, and hear turn-by-turn GPS directions through your helmet speakers.
- **Voice Commands:** Utilize voice commands for hands-free control of various functions, including starting/stopping recording, answering calls, and adjusting volume.



Figure 2: Close-up view of the Sena 10C EVO, highlighting the integrated camera lens.

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Video 1: Official Sena video demonstrating the 10C EVO's features and use during motorcycle riding, including communication and video recording capabilities.

Maintenance

- **Charging:** Charge the device fully before each long ride. The battery life can vary significantly based on recording resolution and continuous use of communication features. Note that the charging port is located on the top of the unit.
- **Firmware Updates:** Regularly check for and install the latest firmware updates using the Sena Device Manager software on your computer. Firmware updates often improve performance, add features, and resolve bugs.
- **Cleaning:** Wipe the unit with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners. Ensure the camera lens is clean for optimal video quality.
- **Storage:** Store the device in a cool, dry place when not in use.

Troubleshooting

Issue	Possible Cause / Solution
Short Battery Life (especially during recording)	Recording at higher resolutions (e.g., 4K) consumes more power. Reduce resolution or frame rate if extended battery life is needed. Ensure the unit is fully charged before use.
iOS App Connectivity Issues	Ensure both the Sena 10C EVO firmware and the Sena mobile apps are updated to their latest versions. Try factory resetting the device and re-pairing with your iOS device. Verify app permissions.
Slow Footage Download via Wi-Fi	Large 4K video files can take a significant amount of time to transfer wirelessly. Consider transferring files directly via USB connection to a computer for faster speeds. Ensure a stable Wi-Fi connection.
Intercom or Bluetooth Audio Problems	Check volume levels on both the Sena unit and connected devices. Ensure devices are properly paired. Perform a factory reset if issues persist after checking basic settings.

For persistent issues, consult the full user manual available on the Sena website or contact Sena customer support.

Specifications

- **Model Number:** 10C-EVO-01
- **Dimensions (Package):** 9.76 x 5.98 x 3.27 inches
- **Item Weight:** 3.17 ounces
- **Battery:** 1 Lithium Polymer battery (included)
- **Connectivity:** Bluetooth
- **Color:** Black
- **Manufacturer:** Sena
- **Date First Available:** January 29, 2015

Warranty and Support

Sena products are typically covered by a manufacturer's warranty. For detailed warranty information, please refer to the warranty card included with your product or visit the official Sena website. Additionally, extended protection plans may be available for purchase from authorized retailers.
For technical support, troubleshooting assistance, or service inquiries, please contact Sena customer support directly through their official website or the contact information provided in your product packaging.

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