

COMICA VM40

COMICA VM40 Shotgun Microphone User Manual

Brand: COMICA

Model: VM40

INTRODUCTION

The COMICA VM40 Shotgun Microphone is a versatile audio solution designed for filmmakers, vloggers, and content creators. It features advanced capabilities such as 48kHz/32-bit float recording, wired and wireless dual modes, and 32GB of internal storage for up to 40 hours of uncompressed audio. This manual provides comprehensive instructions for setting up, operating, and maintaining your VM40 microphone to ensure optimal performance.

Key features include a patented integrated wireless RF module, safety audio track recording (6dB lower backup), and support for the official Comica Audio App for remote control and monitoring. It also offers one-key denoise, low-cut filter, and high-frequency boost functions to enhance audio quality in various recording environments. The built-in rechargeable lithium battery provides extended operation, up to 32 hours in wired mode and 10 hours in wireless mode.

WHAT'S IN THE BOX

Your COMICA VM40 package includes the following components:

- Shotgun Microphone (Transmitter) x1
- Receiver x1
- 2-in-1 Charging & Output Cable x1
- 3.5mm TRS-TRS Audio Output Cable x1
- 3.5mm TRRS-TRRS Audio Output Cable x1
- Shock Mount x1
- 3/8 Male to 5/8 Female Stand Adapter x1
- 5/8 Male to 3/8 Female Screw x1
- 3/8 Male to 1/4 Female Screw x1

- Windscreen x1
- Wind-muff x1
- Pin x1
- Carry Case x1
- User Manual x1



Image: All components included in the COMICA VM40 package, neatly arranged.

SETUP

Unboxing and Initial Connection

Carefully unpack all components from the carry case. Attach the shock mount to the microphone and then to your camera's hot shoe or a compatible stand. Use the provided audio cables to connect the microphone or receiver to your camera, smartphone, or PC. Ensure all connections are secure before powering on the device.



Image: The COMICA VM40 Shotgun Microphone and its compact receiver, ready for setup.

Video: Comica VM40 Unboxing and Setup

Your browser does not support the video tag.

Video: This video provides a visual guide to unboxing the COMICA VM40 and its initial setup, demonstrating how to connect the microphone to various devices.

OPERATING INSTRUCTIONS

Wired and Wireless Dual Modes

The VM40 offers flexibility with both wired and wireless operation. In wired mode, connect the microphone directly to your recording device using the appropriate 3.5mm or USB-C cable. For wireless operation, ensure the receiver is connected to your camera or device, and the microphone's wireless function is activated. The microphone boasts up to 32 hours of battery life in wired mode and 10 hours in wireless mode.

Support Wired & Wireless Dual Modes



VM40 supports long battery life and charging while using. In wired mode, it lasts up to **32** hours. In wireless mode, it lasts up to **10** hours. Users can focus on creation without worrying about battery power.



Image: Illustration showing the COMICA VM40 being used in both wired and wireless configurations, highlighting battery life for each mode.

32GB Internal Storage and 32-bit Float Recording

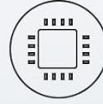
The VM40 features a built-in 32GB storage chip, allowing for up to 40 hours of uncompressed audio recording. This is ideal for creating backup audio files during shoots or using the microphone as a standalone recorder. The 48kHz/32-bit float recording capability provides an expanded dynamic range, simplifying post-production by minimizing clipping and distortion.

32G On-bord Recording



Built-in **32GB** storage space can store up to **40** hours of uncompressed audio.

It can be used to back up audio when shooting or as a recorder.



32GB Storage Chipset



Independent Recording



40H of Uncompressed Audio

Image: Diagram illustrating the 32GB internal storage of the VM40 microphone and its capability for independent recording.

Comica Audio App Control

Enhance your control over the VM40 with the official Comica Audio App, available for iOS and Android. The app allows for remote monitoring of microphone status, changing settings (like gain, mode, denoise), and managing multiple devices. Connect via Bluetooth for seamless control.

Comica Audio APP Control



The APP has two versions, iOS and Android. It can be connected to USB devices via BLE Bluetooth and supports remote viewing of microphone status.

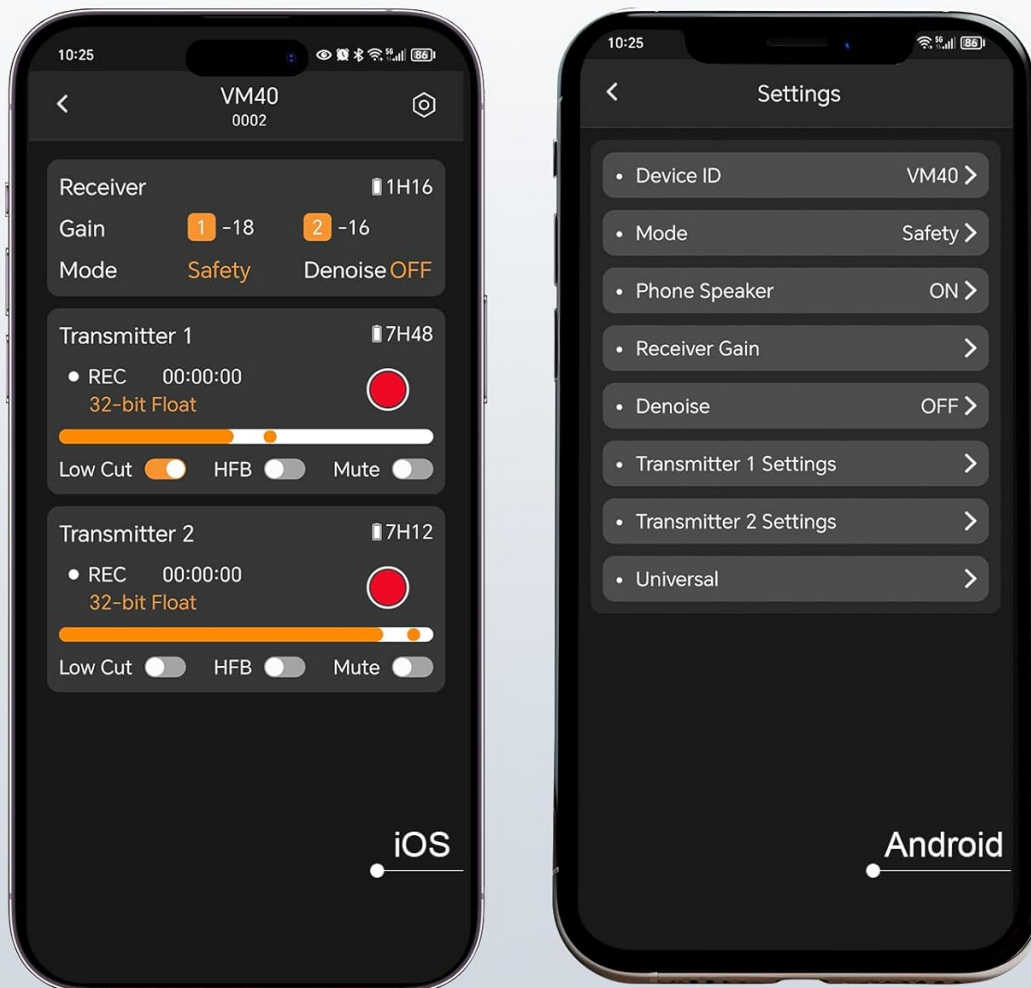


Image: Screenshots of the Comica Audio App interface on iOS and Android devices, showing various control options for the VM40.

Video: Comica Audio App User Guide

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Video: This video demonstrates how to use the Comica Audio App to control and monitor the VM40 microphone's settings and functions.

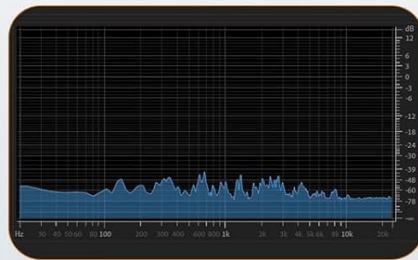
Safety Mode and Real-time Monitoring

Activate Safety Mode to record an additional audio track at 6dB lower than the main audio, providing a crucial backup in case of unexpected loud sounds. The real-time monitoring function allows you to listen to the audio as it's being recorded, enabling immediate adjustments for optimal sound quality.

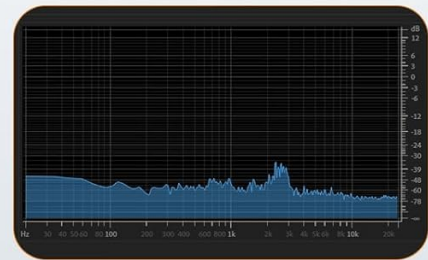
Support One-key Denoise/Low-cut/ High-frequency Boost /Safety Model



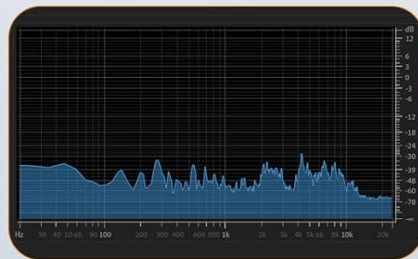
- One-key Denoise
- 100Hz Low Cut
- 10kHz High Frequency Boost
- -6db Safety Model Backup



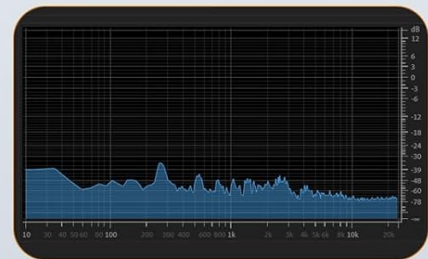
Noise Reduction Track



Low Cut Track



High Frequency Boost Track



Safety Model Track

Image: Visual representation of the VM40's safety mode, low-cut, and high-frequency boost features, with corresponding audio waveform examples.

One-Key Denoise, Low-Cut, and High-Frequency Boost

The VM40 integrates CalMix noise reduction technology to minimize background noise. Use the low-cut filter to remove frequencies below 100Hz, reducing low-end rumble. The high-frequency boost clarifies and brightens higher frequencies for a more detailed sound. These functions can be activated with a single key press on the microphone.

48kHz

Sampling rate

32bit

Bit depth

Super Cardioid

Pattern

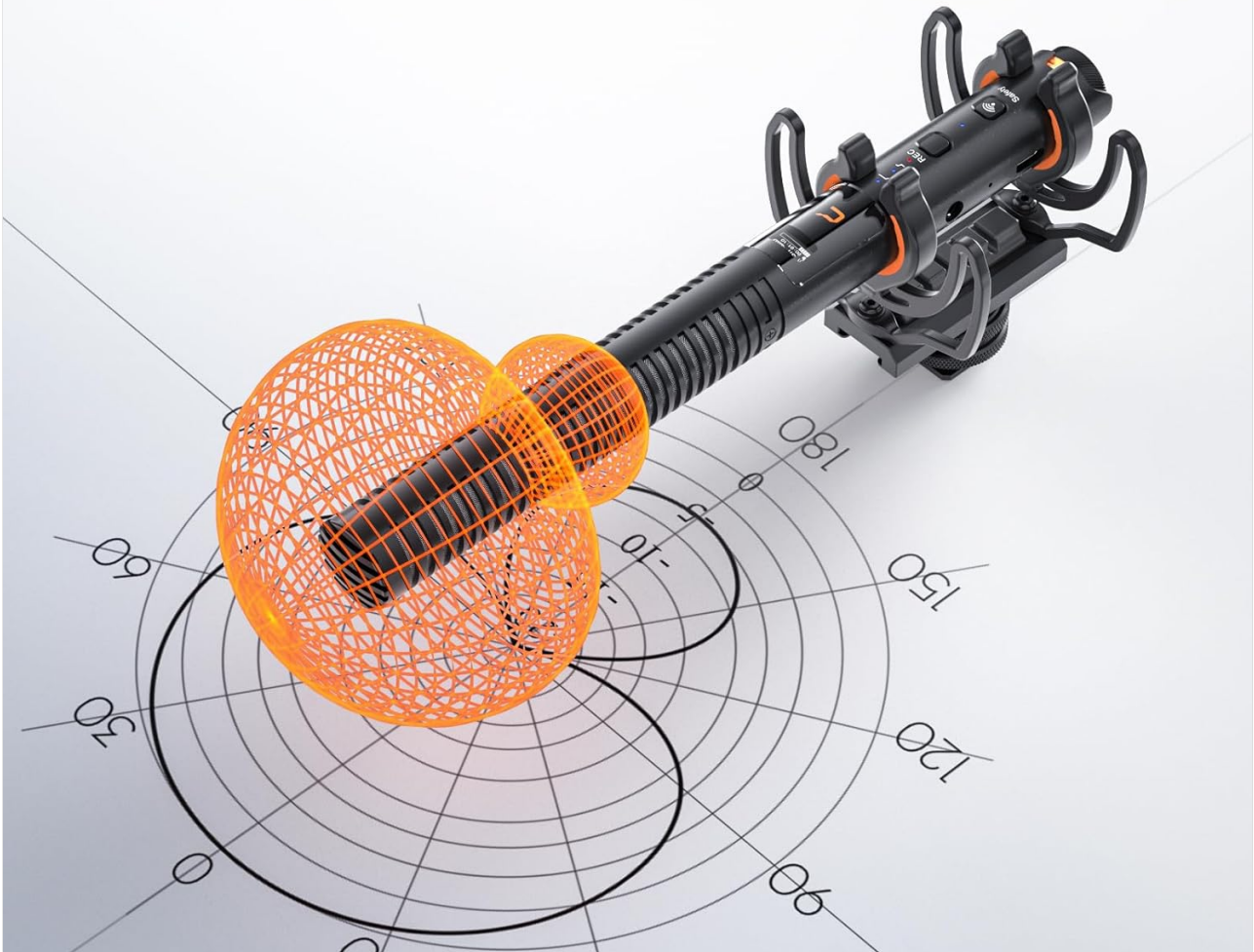


Image: Diagram illustrating the super cardioid polar pattern of the VM40, indicating its directional sound pickup capabilities.

MAINTENANCE

To ensure the longevity and optimal performance of your COMICA VM40 microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the microphone and receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the microphone and its accessories in the provided carry case when not in use to protect them from dust, moisture, and physical damage.
- **Battery Care:** For long-term storage, ensure the battery is charged to about 50% to prolong its lifespan. Avoid fully discharging the battery frequently.
- **Environmental Conditions:** Do not expose the device to extreme temperatures, high humidity, or direct sunlight.

TROUBLESHOOTING

If you encounter issues with your COMICA VM40, try the following troubleshooting steps:

Problem	Possible Cause / Solution
No audio output	Check all cable connections. Ensure the microphone and receiver are powered on and charged. Verify correct input selection on your recording device.
Poor audio quality / Noise	Check microphone gain levels on both the mic and receiver. Ensure the low-cut filter or denoise function is appropriately applied. Reduce environmental noise. Ensure proper distance from the sound source.
Wireless connection issues	Ensure microphone and receiver are paired. Check for obstructions between the transmitter and receiver. Reduce distance between devices. Avoid strong electromagnetic interference.
Microphone not recording internally	Ensure the REC button is pressed and the recording indicator is active. Check if the 32GB storage is full. Format the internal storage if necessary (backup data first).

For further assistance, please refer to the detailed user manual or contact COMICA customer support.

SPECIFICATIONS

Feature	Detail
Audio Sensitivity	130 dB
Item Weight	939 Grams (2.07 pounds)
Microphone Form Factor	Shotgun
Item dimensions L x W x H	6.69 x 5.98 x 11.02 inches
Power Source	Battery Powered (2 Lithium Polymer batteries included)
Material	Plastic, Metal
Signal-to-Noise Ratio	75 dB
Hardware Platform	Camcorder, Camera, Smartphone, PC
Number of Channels	1
Frequency Range	20Hz-20KHz






Feature	Detail
Connectivity Technology	Wired (3.5mm jack), Wireless (2.4GHz)
Connector Type	USB Type-C, 3.5 mm Jack
Special Feature	48kHz/32-Bit Float Recording, 32GB File Storage, Low Cut Filter, Safety Mode, Comica Audio App, 1-Touch Recording
Battery Life	Up to 32H (Wired Mode), Up to 10H (Wireless Mode)

WARRANTY AND SUPPORT

The COMICA VM40 Shotgun Microphone comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official COMICA website.

If you require technical support, have questions about product usage, or need assistance with troubleshooting, please contact COMICA customer service through their official channels. Contact information can typically be found on the product packaging, the official website, or within the user manual.

Related Documents - VM40

	COMICA VM10 PRO Mini Cardioid Digital Shotgun Microphone User Manual Comprehensive user manual for the COMICA VM10 PRO, a mini cardioid digital shotgun microphone. Learn about its features, installation, and specifications for professional audio recording.
	COMICA VM30 2.4G Super Cardioid Condenser Wireless Shotgun Microphone User Manual Comprehensive user manual for the COMICA VM30 2.4G Super Cardioid Condenser Wireless Shotgun Microphone, detailing its features, components, installation, usage, and specifications for professional audio recording.
	Comica VM10 PRO Mini Cardioid Digital Shotgun Microphone User Manual User manual for the Comica VM10 PRO, a mini cardioid digital shotgun microphone. Includes features, installation instructions for digital and analog modes, and technical specifications.
	COMICA CVM-VM30 2.4G Wireless Shotgun Microphone User Manual Professional Audio Equipment Comprehensive user manual for the COMICA CVM-VM30 2.4G Super Cardioid Condenser Wireless Shotgun Microphone. Learn about its features, components, installation, usage, specifications, and compliance information.
	COMICA VM10 PRO Mini Cardioid Digital Shotgun Microphone User Manual User manual for the COMICA VM10 PRO, a mini cardioid digital shotgun microphone. This guide covers main features, installation in digital and analog modes, and technical specifications.

COMICA
CVM-V30 LITE
Super Cardioid Condenser Lite Microphone



USER MANUAL

[COMICA CVM-V30 LITE Super Cardioid Condenser Lite Microphone User Manual](#)

User manual for the COMICA CVM-V30 LITE Super Cardioid Condenser Lite Microphone, detailing its features, package contents, components, installation, and technical specifications for use with cameras and smartphones.