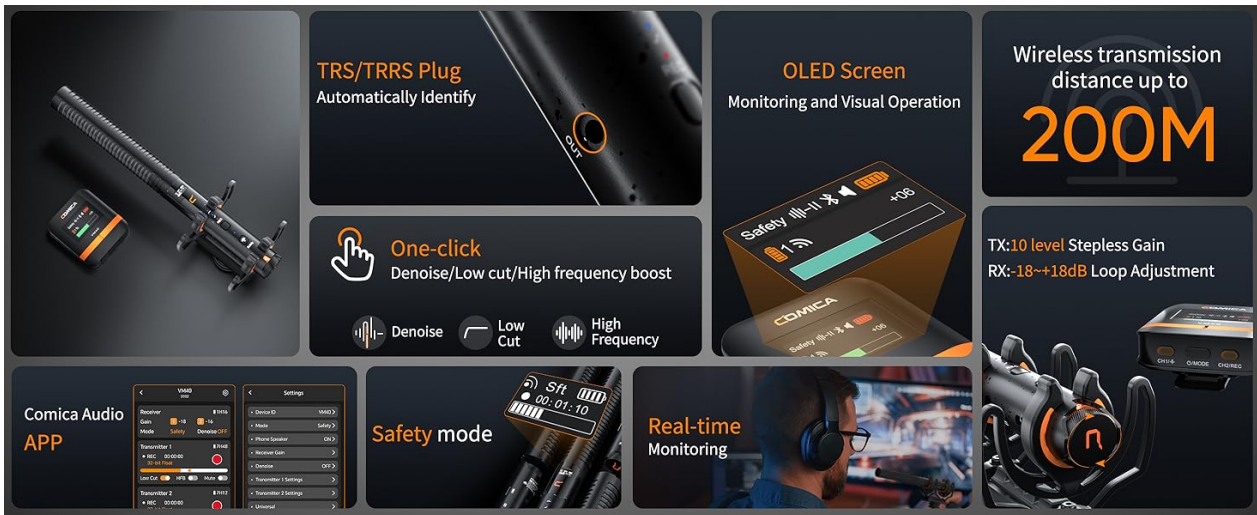


COMICA VM40

COMICA VM40 Dual-Channel Shotgun Microphone Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your COMICA VM40 Dual-Channel Shotgun Microphone. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize its performance.



The COMICA VM40 Dual-Channel Shotgun Microphone in a typical camera setup.

WHAT'S IN THE BOX

Verify that all items listed below are included in your package:

- Shotgun Microphone Transmitter (x2)
- 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)
- Carry Case (x1)
- 3/8 Male to 5/8 Female Stand Adapter (x2)
- 5/8 Male to 3/8 Female Screw (x2)
- 3/8 Male to 1/4 Female Screw (x2)
- Wind-muff (x2)
- Windscreen (x2)
- Pin (x1)
- User Manual (x1)
- Warranty Card (x1)



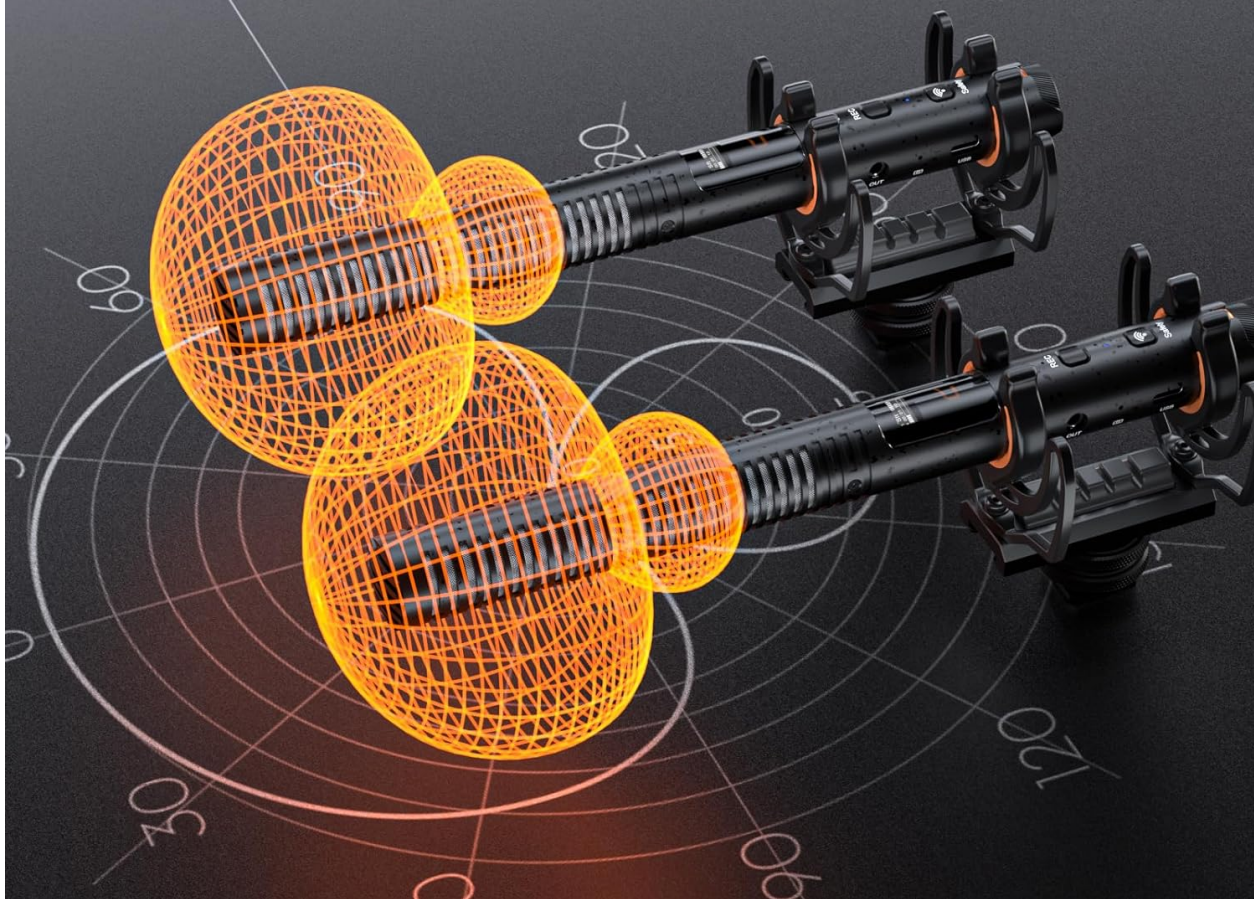
Contents of the COMICA VM40 Combo package.

KEY FEATURES

- **Dual-Channel Support:** Operates in both wired and wireless modes, with the receiver supporting single or dual-channel recording for flexible setups.
- **48kHz/32-bit Float Recording:** Delivers clear, lossless audio with a super cardioid polar pattern and 14mm gold-plated mic capsule. Includes 100Hz low-cut and 10kHz high-frequency boost functions.
- **32GB On-board Storage:** Provides up to 40 hours of uncompressed audio backup, allowing the microphone to function as a standalone recorder.
- **Extended Transmission Range:** Wireless transmission up to 200 meters in open areas with stable signal and low latency (<20ms).
- **Long Battery Duration:** Up to 32 hours in wired mode and 10 hours in wireless mode, with support for charging during use.
- **Wide Compatibility:** Features USB-C digital output and 3.5mm TRS/TRRS analog output for compatibility with cameras, smartphones, tablets, and computers.
- **Comica Audio App Control:** Bluetooth connectivity for remote monitoring, settings adjustment, and multi-device management via the official app.

Supercardioid Dual Channel Wireless Microphone

48kHz 32-bit



The VM40 features supercardioid dual-channel design with 48kHz/32-bit float recording.

48kHz/32-bit Float Recording

VM40 Combo features super cardioid polar pattern, capturing audio with a wide dynamic range. This provides greater flexibility for adjustments during post-production.

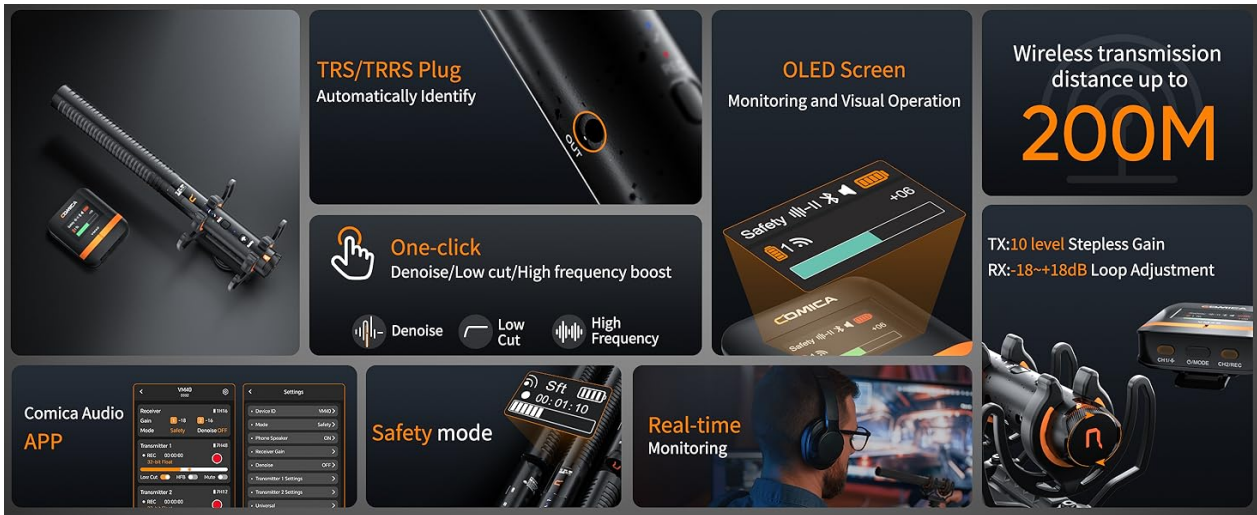


Explanation of 48kHz/32-bit Float Recording for wide dynamic range and post-production flexibility.

SETUP

Follow these steps for initial setup:

1. **Charge Devices:** Ensure both the microphone transmitters and the receiver are fully charged using the provided charging cable.
2. **Mount Microphone:** Attach the shotgun microphone(s) to your camera or desired stand using the shock mount and appropriate adapters.
3. **Connect Receiver:** Connect the receiver to your recording device (camera, smartphone, computer) using the appropriate 3.5mm TRS/TRRS or USB-C cable.
4. **Power On:** Power on the microphone transmitters and the receiver. They should automatically pair. If not, refer to the pairing instructions in the Operating section.
5. **Install Wind Protection:** For outdoor use or windy conditions, attach the wind-muff or windscreen to the microphone.



The VM40 microphone mounted on a camera for recording.

OPERATING INSTRUCTIONS

Wired Mode

In wired mode, connect the microphone directly to your recording device using the appropriate 3.5mm or USB-C cable. This mode offers maximum battery life and a direct audio connection.



Top half of the image shows the VM40 in wired mode, connected to a camera on a tripod. The bottom half shows two individuals being recorded wirelessly.



Visual representation of wired and wireless operation modes.

Wireless Mode

For wireless operation, ensure both the microphone transmitters and the receiver are powered on and paired. The system provides a stable wireless connection up to 200 meters in open environments. This allows for greater freedom of movement during recording.

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Video demonstrating the versatility and ease of use of the Comica VM40 Shotgun Microphone in various recording scenarios, highlighting its wireless capabilities and sound quality.

Comica Audio App Control

Connect your VM40 to the official Comica Audio App via Bluetooth on your iOS or Android smartphone. The app allows for remote monitoring of microphone status, adjustment of settings (e.g., gain, low-cut, high-frequency boost, denoise), and management of multiple devices.



The Comica Audio App provides comprehensive control and monitoring of your VM40 microphone system.

32GB On-board Recording

The VM40 features built-in 32GB storage, capable of storing up to 40 hours of uncompressed audio. This acts as a secure backup, ensuring audio integrity even if wireless transmission is interrupted. To access recorded files, connect the microphone to a computer via USB-C.

Built-in **32GB** Storage

Easily backup recording files
Stores 40 hours of uncompressed audio



The VM40's 32GB internal storage for secure audio backup.



32GB On-board Recording

The built-in 32GB storage can store up to 40H of uncompressed audio.

Detailed view of the 32GB on-board recording capability.

Audio Level Management

The 48kHz/32-bit float recording capability eliminates the need to constantly monitor audio levels, as it

captures a wide dynamic range that can be adjusted in post-production without clipping or noise. You can also fine-tune audio levels directly on the transmitter or through the Comica Audio App for real-time adjustments.

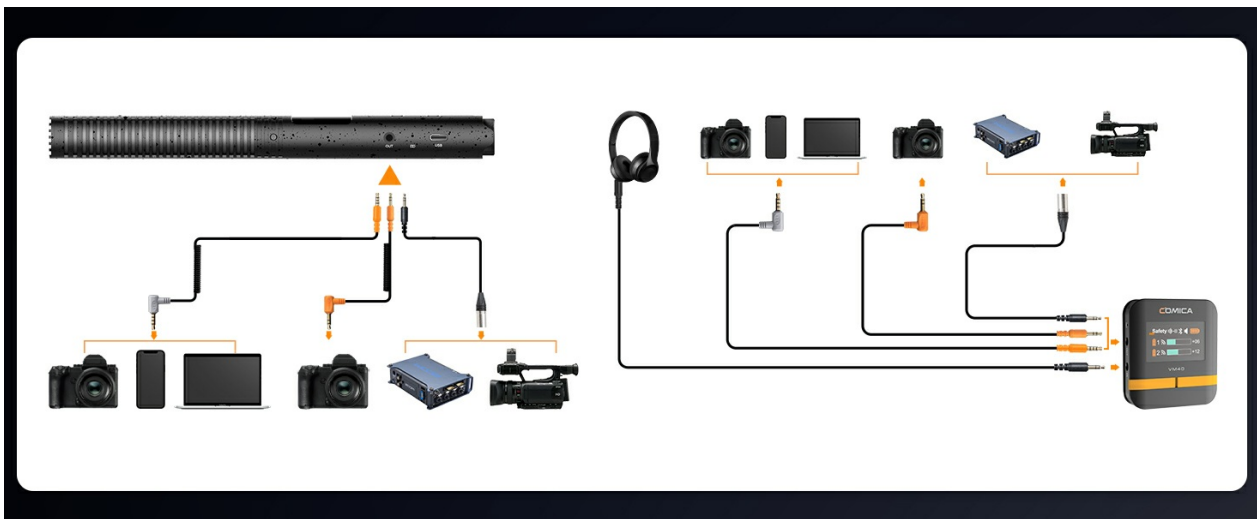
COMPATIBILITY

The COMICA VM40 is designed for broad compatibility with various devices:

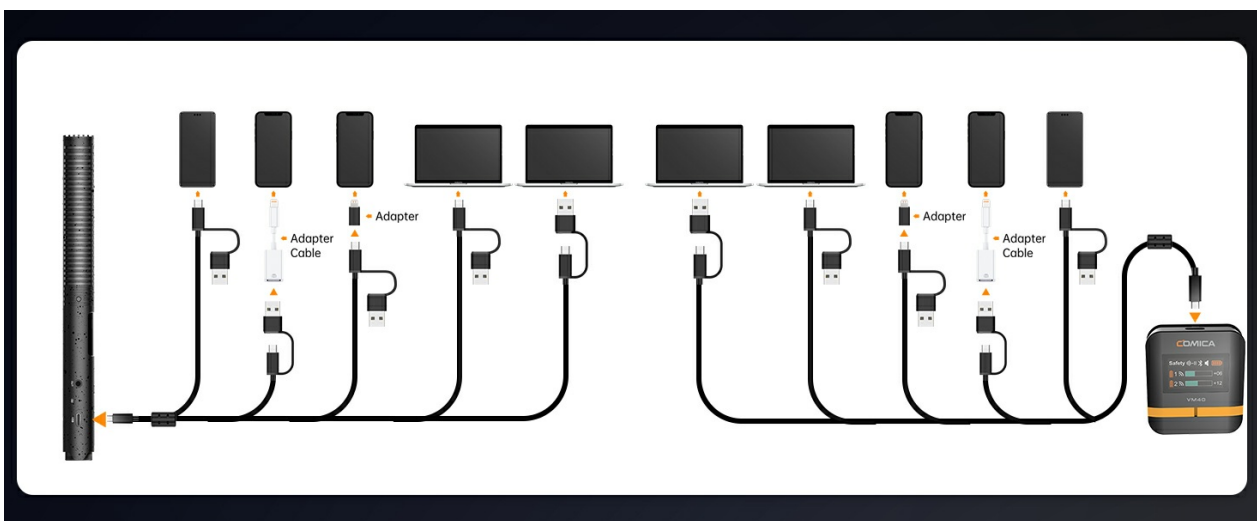
- **Cameras:** Connects via 3.5mm TRS-TRS audio output cable.
- **Smartphones & Tablets:** Connects via 3.5mm TRRS-TRRS audio output cable or USB-C digital output.
- **Computers:** Connects via USB-C digital output.



The VM40 offers digital and analog output for wide compatibility with cameras, mobile phones, and computers.



Analog output connection diagram for different devices.



Digital output connection diagram for different devices.

MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the microphone and receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the microphone in its carry case when not in use to protect it from dust, moisture, and physical damage.
- **Battery Care:** For long-term storage, ensure the batteries are charged to approximately 50-60% to prevent degradation. Recharge periodically if stored for extended periods.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, high humidity, or direct sunlight.

TROUBLESHOOTING

If you encounter issues with your COMICA VM40, refer to the following common troubleshooting steps:

- **No Audio Output:**

- Check all cable connections to ensure they are secure and correctly inserted.
- Verify that the microphone transmitters and receiver are powered on and paired.
- Confirm that the recording device's input settings are correctly configured for the connected microphone.
- Check the audio levels on both the transmitter and receiver, and adjust if necessary.

- **Poor Audio Quality/Noise:**

- Ensure the microphone is positioned correctly towards the sound source.
- Use the provided wind-muff or windscreen in windy conditions.
- Check for potential interference sources in wireless mode (e.g., Wi-Fi routers, other wireless devices).
- Utilize the low-cut filter or denoise function via the Comica Audio App if background noise is present.

- **Pairing Issues:**

- Ensure both devices are within range and fully charged.
- Refer to the device's display or the Comica Audio App for pairing status.
- Try restarting both the transmitter(s) and receiver.

- **App Connection Issues:**

- Ensure Bluetooth is enabled on your smartphone.
- Restart the Comica Audio App and the VM40 receiver.
- Check for app updates.

For further assistance, please contact COMICA customer support.

SPECIFICATIONS

Brand	COMICA
Model Name	VM40 COMBO
Recommended Uses	Indoor/Outdoor
Connectivity Technology	USB, 3.5mm, Wireless
Connector Type	USB
Special Feature	Mute Function
Compatible Devices	Camera, Smartphones, Tablets, Computers
Polar Pattern	Super Cardioid
Item Weight	0.94 Kilograms
Microphone Form Factor	Shotgun
Power Source	Battery Powered
Number of Batteries	1 Lithium Polymer battery required

Signal-to-Noise Ratio	76 dB
Hardware Platform	Camera
Number of Channels	2
Frequency Response	10 KHz
Audible Noise	76 Decibels
Item Dimensions	6.69 x 5.98 x 11.02 inches
Enclosure Material	Metal

WARRANTY AND SUPPORT

The COMICA VM40 Dual-Channel Shotgun Microphone comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards.

For warranty claims, technical support, or any inquiries regarding your product, please refer to the contact information provided on the warranty card included in your package or visit the official COMICA website.