

COMICA VM10 PRO

COMICA VM10 PRO Universal Video Microphone Instruction Manual

Model: VM10 PRO

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your COMICA VM10 PRO Universal Video Microphone. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. Keep this manual for future reference.

The COMICA VM10 PRO is a versatile shotgun microphone designed for various recording applications, including vlogging, live streaming, and general audio recording with cameras, smartphones, tablets, and PCs. It features both digital (USB-C) and analog (3.5mm) output modes, stepless gain control, and real-time audio monitoring capabilities.

2. PRODUCT OVERVIEW

2.1 Package Contents

Verify that all items are present in your package:

- VM10 PRO Microphone
- Shock Mount
- USB-C Audio Cable
- 3.5mm TRS-TRS Audio Cable (for cameras)
- 3.5mm TRS-TTRS Audio Cable (for smartphones/tablets)
- Wind Muff (Dead Cat)
- User Manual
- After-Sale Card
- Carry Case

WHAT'S IN THE BOX?



Image: Included components of the COMICA VM10 PRO microphone kit.

2.2 Key Features

- **Digital / Analog Output Mode Switch:** Allows compatibility with a wide range of devices via USB-C or 3.5mm connections.
- **Super Cardioid Directional Pattern:** Effectively isolates the target sound source by minimizing background noise.
- **Battery-free Design:** Operates directly from the connected device's power, eliminating the need for external batteries.
- **Enhanced Anti-interference:** Constructed from aluminum with a specialized shock mount to reduce noise from vibrations and external interference.
- **Stepless Gain Control (Digital Mode):** Provides precise volume adjustment to suit various recording environments.
- **Real-time Monitoring (Digital Mode):** Enables live audio monitoring through the 3.5mm port when connected digitally.



Image: Close-up of the VM10 PRO microphone highlighting its controls and ports.

3. SETUP

3.1 Attaching the Shock Mount

1. Gently insert the VM10 PRO microphone into the shock mount's clips.
2. Ensure the microphone is securely seated to prevent movement and absorb vibrations.
3. Attach the shock mount to your camera's hot shoe, a tripod, or a compatible smartphone rig.

Stepless Gain Control with Preamp In Digital Mode

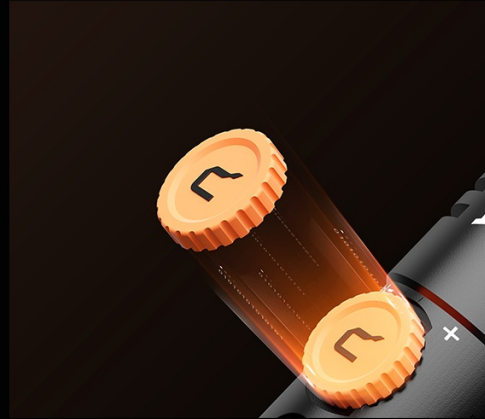


Image: The microphone mounted on its shock absorption system.

3.2 Connecting to Devices

The VM10 PRO supports both analog (3.5mm) and digital (USB-C) connections. Select the appropriate cable and mode for your device.



WHICH ADAPTER DO YOU NEED?

3.5MM TRRS	3.5MM TRS	USB C	LIGHTNING
			
			
Adapter included in kit	Adapter included in kit	Adapter included in kit	Not included

Image: Guide for selecting the correct adapter cable for different devices.

3.2.1 Analog Mode (3.5mm Output)

Use this mode for cameras, camcorders, and some smartphones/tablets with a 3.5mm audio input.

1. Slide the mode switch on the microphone to 'Analog'.
2. For cameras, use the provided **3.5mm TRS-TRS audio cable**. Connect one end to the microphone's 3.5mm output port and the other end to your camera's microphone input.
3. For smartphones/tablets with a 3.5mm jack, use the provided **3.5mm TRS-TRRS audio cable**. Connect one end to the microphone's 3.5mm output port and the other end to your device's 3.5mm jack.
4. *Note: An iPhone adapter cable (Lightning to 3.5mm) is not included and must be purchased separately if needed.*

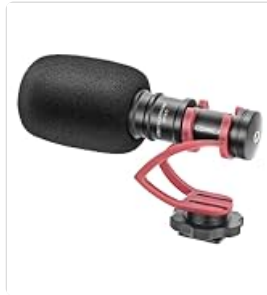


Image: Analog mode connection to a camera.

3.2.2 Digital Mode (USB-C Output)

Use this mode for smartphones, tablets, laptops, and PCs with a USB-C port.

1. Slide the mode switch on the microphone to 'Digital'.
2. Use the provided **USB-C audio cable**. Connect one end to the microphone's USB-C output port and the other end to your device's USB-C port.
3. The microphone is plug-and-play; no drivers are typically required.



Image: Digital mode connection to a laptop.



PLUG AND USE

Comes with great quality and a nice carry box, convenient to carry and get the audio that you want, and significantly improved recording quality with your different devices.

Image: Microphone connected to a laptop for immediate use.

3.3 Using the Wind Muff

For outdoor recording or in windy conditions, attach the included wind muff (dead cat) over the microphone head. This helps to significantly reduce wind noise and plosives, improving audio clarity.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

The VM10 PRO is a battery-free microphone. It powers on automatically when connected to a compatible device and powers off when disconnected. Ensure your device provides sufficient power for operation.

4.2 Mode Selection

Use the 'Digital/Analog' switch on the microphone body to select the appropriate output mode based on your connected device and cable type.

Dual Modes Switch with Different Devices



USB-C Output



Digital/Analog
Modes Switch Button



3.5mm Output



Real-time Monitor



Gain Control



Working Status Indicator



Devices



Image: Dual mode switch for different device compatibility.

4.3 Stepless Gain Control (Digital Mode Only)

When operating in Digital mode, the orange 'Vol' knob on the microphone allows for stepless adjustment of the audio gain. Rotate the knob clockwise to increase gain and counter-clockwise to decrease it. Adjust the gain to achieve optimal recording levels without distortion.

Support Real-time Monitor in Digital Mode

When in USB digital mode, the 3.5mm port doubles as a headphone output for real-time audio monitoring



Image: Stepless gain control knob for precise audio level adjustment.

4.4 Real-time Monitoring (Digital Mode Only)

In Digital mode, the 3.5mm output port on the microphone functions as a real-time headphone monitoring jack. Connect headphones to this port to monitor your audio during recording. This allows you to verify audio quality and levels in real-time.



Image: Real-time audio monitoring setup in digital mode.

4.5 Super Cardioid Polar Pattern

The VM10 PRO utilizes a super cardioid polar pattern, which is highly directional. This means it primarily captures sound from directly in front of the microphone, while significantly reducing sounds from the sides and rear. Position the microphone to point directly at your desired sound source for best results.



Image: Super cardioid polar pattern for focused sound capture.



Image: Various applications demonstrating the microphone's directional pickup.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body. Do not use harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the microphone and its accessories in the provided carry case to protect it from dust, moisture, and physical damage.
- **Handling:** Avoid dropping the microphone or subjecting it to strong impacts. Handle cables carefully to prevent bending or fraying.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound or low volume	Incorrect mode selected (Digital/Analog). Incorrect cable used or loose connection. Gain knob set too low (Digital Mode). Device input settings incorrect.	Ensure the mode switch matches your connection type. Verify cable type (TRS/TRRS/USB-C) and ensure secure connection. Increase the gain knob in Digital Mode. Check your device's audio input settings and select the external microphone.
Static or distorted audio	Gain set too high (Digital Mode). Environmental interference. Loose cable connection.	Decrease the gain knob in Digital Mode. Move away from sources of electromagnetic interference. Ensure all cables are securely connected.
Microphone not recognized by device	Incorrect mode selected. Incompatible device or operating system. Faulty cable.	Verify the mode switch is set correctly (Digital for USB-C, Analog for 3.5mm). Ensure your device supports external microphones via the chosen connection type. Try a different cable if available.

If you encounter issues not covered here, please refer to the 'After-Sale Card' for contact information or visit the COMICA official website for further support.

7. SPECIFICATIONS

Specification	Value
Brand	COMICA
Model Name	CVM-VM10 PRO
Microphone Form Factor	External
Polar Pattern	Super Cardioid
Connectivity Technology	Auxiliary, USB
Connector Type	3.5 mm Jack, USB Type-C
Audio Sensitivity	20 Decibels
Signal-to-Noise Ratio	76 dB
Frequency Response	20 Hz - 20 KHz
Power Source	Device Powered (Battery-free)






Specification	Value
Material	Aluminum
Item Weight	37 Grams (1.31 ounces)
Product Dimensions (L x W x H)	3.62 x 1.18 x 0.87 inches
Compatible Devices	Camera, Laptop, Personal Computer, Smartphone

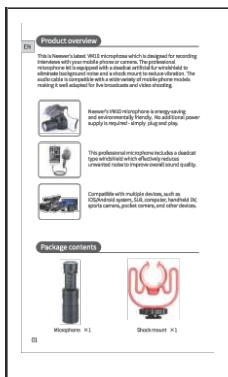
8. WARRANTY AND SUPPORT

The COMICA VM10 PRO microphone comes with an After-Sale Card. Please refer to this card for detailed warranty information and terms. For technical support, product inquiries, or warranty claims, please contact COMICA customer service using the information provided on your After-Sale Card or visit the official COMICA website.

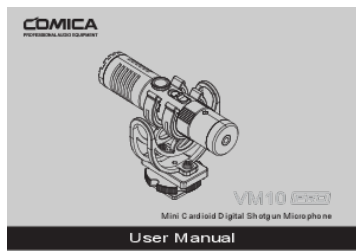
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	COMICA VM10 PRO Mini Cardioid Digital Shotgun Microphone User Manual Comprehensive user manual for the COMICA VM10 PRO, a mini cardioid digital shotgun microphone. Learn about its features, installation, and specifications for professional audio recording.
	Comica 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-VM10-K Series: Mini & Flexible Smartphone Video Kit User Manual Explore the Comica CVM-VM10-K series, a versatile mini and flexible smartphone video kit. This user manual provides detailed information on features, package contents for models K1, K2, K3, and K4, and installation instructions for enhancing your smartphone videography.
	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-SV20 Stereo Condenser Shotgun Video Microphone User Manual User manual for the Comica CVM-SV20, a professional stereo condenser shotgun video microphone designed for cameras, camcorders, and smartphones. Features include all-aluminum construction, super anti-interference, and adjustable sensitivity.

	<p>Neewer VM10 Microphone: Product Overview and Installation Guide</p> <p>Comprehensive guide to the Neewer VM10 microphone, detailing its product overview, package contents, and illustration. Includes step-by-step installation instructions for mobile phones and cameras, microphone modulation diagrams (polar pattern, frequency response, optimal range), safety notes, and technical specifications. Ideal for enhancing audio quality in interviews, live broadcasts, and video production.</p>
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Documents - COMICA – VM10 PRO



[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

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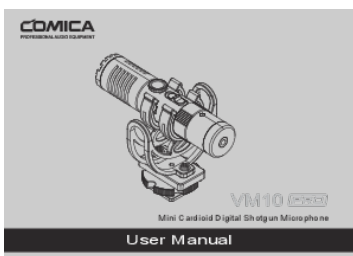


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[COMICA VM10 PRO Mini Cardioid Digital Shotgun Microphone User Manual](#)

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.

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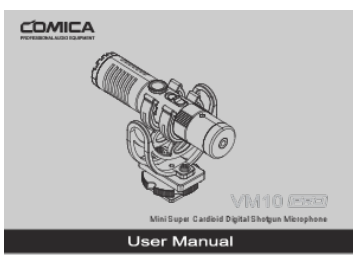


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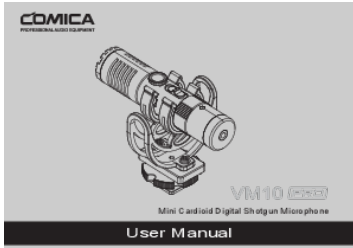
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