

COMICA CVM-V30 Pro

COMICA CVM-V30 Pro Camera Shotgun Microphone User Manual

Model: CVM-V30 Pro

Brand: COMICA

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your COMICA CVM-V30 Pro Camera Directional Condenser Microphone. Designed for use with DSLR cameras, camcorders, and smartphones, this supercardioid shotgun microphone enhances audio recording quality by focusing on sound from the front while minimizing ambient noise. Please read this manual thoroughly before operation to ensure optimal performance and longevity of your device.

WHAT'S IN THE BOX

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

- 1 x CVM-V30 PRO Microphone (including foam windscreen)
- 1 x Windmuff (Dead Cat)
- 1 x English User's Manual

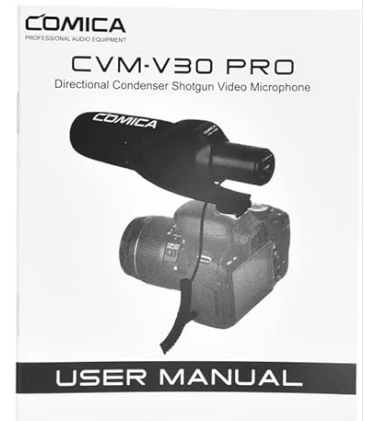
Packing List



V30 Pro Mic



Windmuff



User manual

Image: The package contents, showing the CVM-V30 Pro microphone, a furry windmuff, and the user manual.

EXCELLENT SHOCK-ABSORBING

Crafted with durable TPU and finished with a rubberized coating, the shock mount effectively reduces noise caused by vibrations during video shooting—while offering a comfortable, anti-slip grip.



Image: A diagram illustrating the detailed components included in the packing list, such as the microphone body, foam windscreen, windmuff, and user manual.

PRODUCT FEATURES

- **Low-cut Filter:** Reduces low-frequency rumble and environmental noise, especially useful in noisy environments or on windy days.
- **10dB Sensitivity Adjustment:** Allows adjustment of microphone sensitivity from -38dB to -28dB to match recording levels.

- **Excellent Shock-Absorbing Design:** Minimizes vibration noise during video shooting for clearer audio.
- **Super-Cardioid Polar Pattern:** Provides excellent off-axis rejection, focusing audio capture on the subject directly in front of the microphone.
- **Wide Compatibility:** Supports cameras with a 3.5mm (TRS) audio input jack. (Note: Not compatible with Canon Rebel T5i/T6/T7/HF R800).
- **1/4" External Port:** For easy mounting to cameras, tripods, or other accessories.
- **Battery Powered:** Operates on 2 AAA batteries (not included).



Image: Visual representation of the microphone's low background noise, super cardioid pickup pattern, and shock mount design.

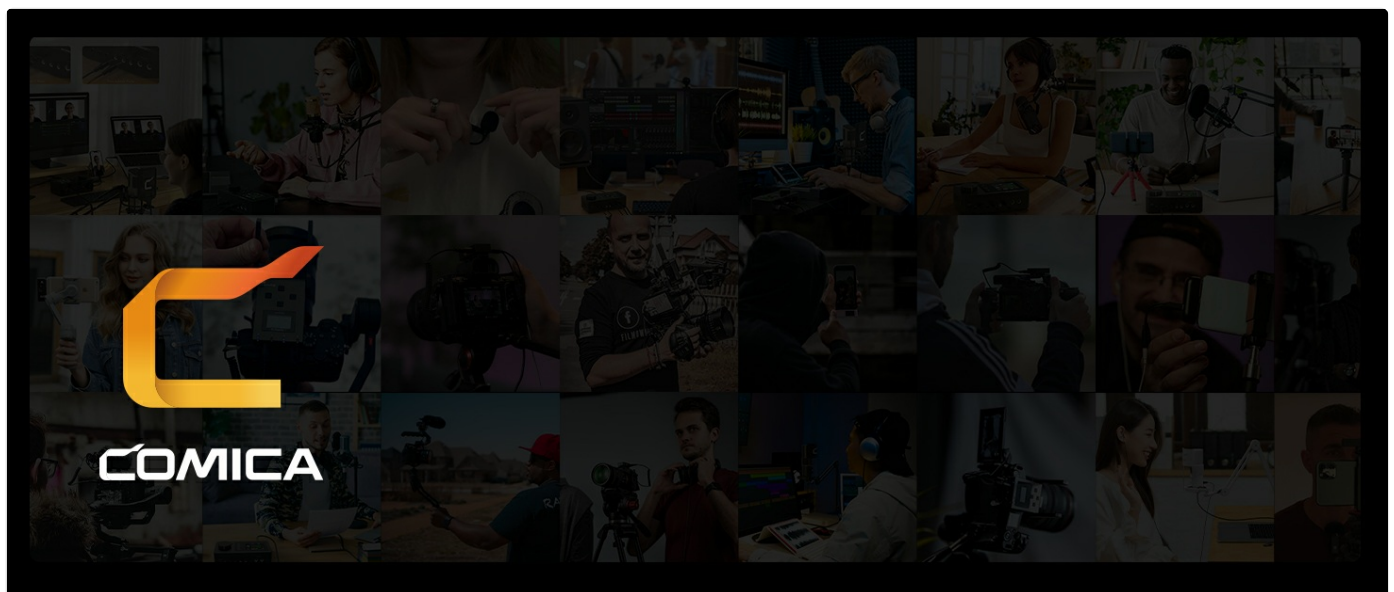


Image: The microphone is depicted capturing sound with ultra-low noise, resulting in pure and clear audio, suitable for interviews, vlogs, and video production.



PROFESSIONAL AUDIO EQUIPMENT

Comica was founded in 2012 and is mainly focused on developing and manufacturing professional video, interview, filming, video blog and live audio systems.

The Comica brand has always adhered to the R&D, manufacturing and sales concept of "focusing on innovation, high quality and excellent service", taking the user perspective as the market orientation, and is committed to creating first-class equipment for global film and television equipment users.

Image: A diagram showcasing the microphone's excellent shock-absorbing design, which reduces noise from vibrations during video shooting.

SETUP INSTRUCTIONS

1. Battery Installation

The CVM-V30 Pro requires 2 AAA batteries for operation. To install:

1. Unscrew the battery compartment cover at the rear of the microphone.
2. Insert 2 AAA batteries, ensuring correct polarity (+/-).
3. Replace the battery compartment cover and screw it securely.



Image: Instructions for inserting 2 AAA batteries into the microphone and an illustration of the working status indicator light (green for working, red for low battery).

2. Mounting to Camera/Tripod

The microphone features a cold shoe mount and a 1/4" thread for versatile mounting:

- **Cold Shoe Mount:** Slide the microphone's cold shoe base onto your camera's hot shoe mount and tighten the locking wheel.
- **1/4" Thread:** For tripod or other accessories, screw the microphone's 1/4" thread onto the compatible mount.

1/4" Thread Bottom

Suitable for Tripod



Image: The microphone is shown mounted on a small tripod, demonstrating its 1/4" thread compatibility.



Image: A detailed view of the microphone's 1/4" thread at the bottom of its mount, indicating its suitability for tripod attachment.

3. Connecting to Recording Device

Connect the integrated 3.5mm audio output cable from the microphone to the 3.5mm audio input jack on your camera, camcorder, or smartphone. Ensure the connection is secure.



Image: A visual guide to connecting the microphone to various devices, including cameras, laptops, and smartphones, using different cable types (TRS, TRRS, USB-C, Lightning adapters).

OPERATING INSTRUCTIONS

1. Powering On/Off and Sensitivity Adjustment

Locate the power/sensitivity switch on the rear of the microphone:

- Slide the switch to 'ON' to power on the microphone. The working indicator light will turn green.
- For +10dB sensitivity boost, slide the switch to the middle position.
- Slide the switch to 'OFF' to power off the microphone.



Image: A detailed view of the microphone's controls, highlighting the Low-cut Filter switch and the +10dB Sensitivity Adjustment switch.

2. Using the Low-cut Filter

The low-cut filter helps eliminate unwanted low-frequency noise:

- Locate the low-cut filter switch on the rear of the microphone.
- Slide the switch to activate the low-cut mode when recording in noisy environments or outdoors to reduce noise below 200Hz.

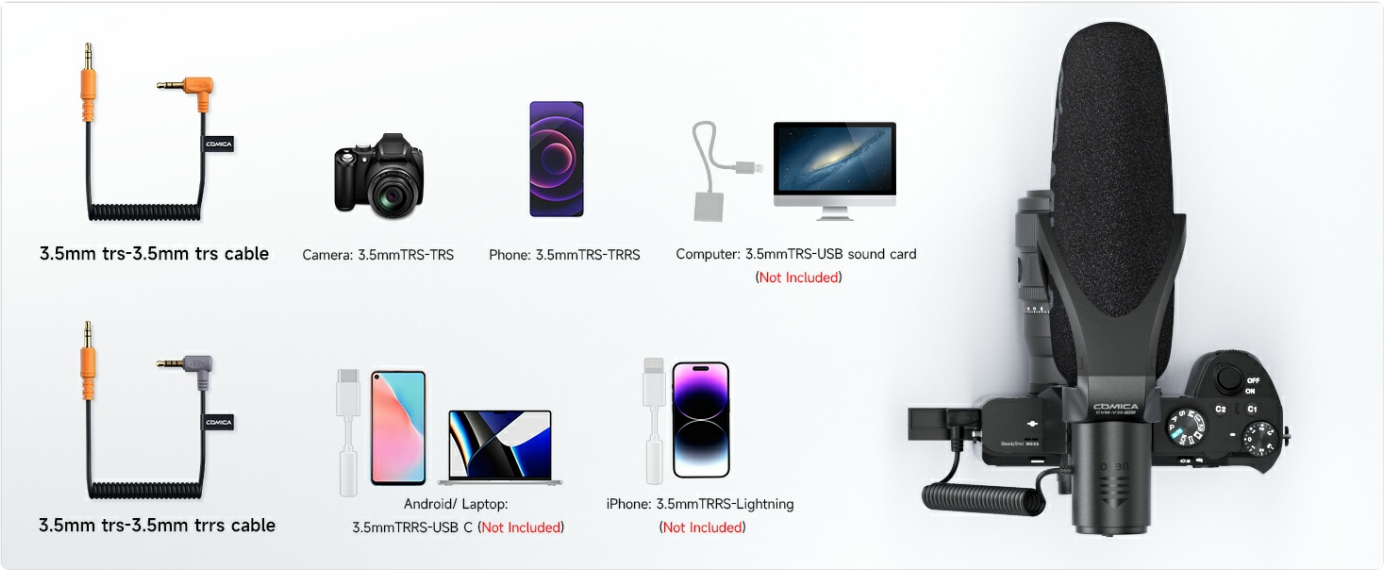


Image: A graphic illustrating the effect of the low-cut filter on audio frequencies, showing how it prevents low-frequency rumble or resonance.

3. Using the Windmuff

For outdoor recording or in windy conditions, attach the included furry windmuff over the foam windscreen to further reduce wind noise.



Image: The microphone is shown mounted on a camera with the furry windmuff (dead cat) installed, ready for outdoor use.

MAINTENANCE

- Keep the microphone clean by wiping it with a soft, dry cloth.
- Avoid exposing the microphone to moisture, extreme temperatures, or direct sunlight.
- Remove batteries if the microphone will not be used for an extended period to prevent leakage.
- Store the microphone in its original packaging or a protective case when not in use.

TROUBLESHOOTING

- **No Sound/Low Sound:**
 - Ensure batteries are correctly installed and charged.
 - Verify the microphone is powered 'ON' (green indicator light).
 - Check that the 3.5mm audio cable is securely connected to both the microphone and the recording device.
 - Confirm your camera's audio input settings are configured correctly (e.g., external microphone enabled, recording level

adjusted).

- Try activating the +10dB sensitivity boost.

• **Poor Sound Quality/Excessive Noise:**

- Activate the low-cut filter to reduce low-frequency rumble.
- Use the furry windmuff in outdoor or windy conditions.
- Ensure the microphone is pointed directly at the sound source.
- Check for any loose connections or damaged cables.

SPECIFICATIONS

Feature	Specification
Audio Sensitivity	33 Decibels
Item Weight	1.02 ounces (29 Grams)
Impedance	200 Ohms
Microphone Form Factor	Shotgun
Item Dimensions (L x W x H)	4.53 x 10.24 x 3.74 inches
Power Source	Battery Powered (2 AAA batteries required)
Signal-to-Noise Ratio	75 dB
Hardware Platform	Camera
Number of Channels	1
Frequency Response	20000 Hz
Connector Type	3.5 mm Jack
Special Feature	Low-cut filtering, sensitivity adjustment, shock absorption, supercardioid directivity
Compatible Devices	DSLR Camera, Camcorder, Smartphone
Polar Pattern	Unidirectional (Supercardioid)

OFFICIAL PRODUCT VIDEOS

Comica CVM-V30 PRO camera microphone can reduce the noise

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Video: This video demonstrates how the Comica CVM-V30 PRO microphone effectively reduces unwanted noise, showcasing its performance in various recording scenarios.

Comica CVM-V30PRO Camera Shotgun Video Microphone

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Video: An overview of the Comica CVM-V30PRO Camera Shotgun Video Microphone, highlighting its key features and benefits for video recording.

Super cardioid condenser shotgun microphone

Your browser does not support the video tag.

Video: A brief demonstration of the supercardioid condenser shotgun microphone, focusing on its directional sound pickup capabilities.

WARRANTY & SUPPORT

Your COMICA CVM-V30 Pro microphone comes with a user's manual. For any questions, technical support, or warranty inquiries, please refer to the contact information provided in your user manual or visit the official COMICA website for assistance.