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› [COMICA CVM-VM10-K2 PRO Smartphone Microphone Kit User Manual](#)

COMICA CVM-VM10-K2 PRO

COMICA CVM-VM10-K2 PRO Smartphone Microphone Kit User Manual

Model: CVM-VM10-K2 PRO

Brand: COMICA

1. INTRODUCTION

The COMICA CVM-VM10-K2 PRO is a professional smartphone video kit designed to enhance mobile content creation. This kit provides a versatile solution for vlogging, YouTube, TikTok, Facebook streaming, filmmaking, and travel recording. It features a cardioid microphone for clear audio capture and a flexible setup for various shooting modes.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- Microphone
- Smartphone Clamp
- Ball Head Mount
- Tripod
- Microphone Foam Windscreen
- Wind Muff (Dead Cat)
- 3.5mm TRS-TRRS Cable
- User Manual
- Carry Case



Image: All components included in the COMICA CVM-VM10-K2 PRO kit.

3. PRODUCT FEATURES

- **Versatile Shooting Modes:** Seamlessly switch between horizontal and vertical shooting for diverse content creation. The tripod also functions as a comfortable handle grip.
- **All-in-One Vlogging Solution:** A complete kit for various video recording needs, designed for portability and easy storage.
- **Professional Cardioid Microphone:** Ensures clear, focused sound by minimizing background noise, ideal for smartphone vlogging.
- **Flexible Mounting Options:** The smartphone clamp includes a built-in cold shoe for attaching additional accessories like LED lights.
- **Robust Construction:** Made with durable metal and plastic through precise CNC processing for longevity and reliability.
- **Broad Compatibility:** Compatible with most smartphones and can connect to cameras using an appropriate cable (not included).

4. SETUP AND ASSEMBLY

Follow these steps to assemble your COMICA CVM-VM10-K2 PRO kit:

1. **Attach the Ball Head Mount to the Tripod:** Screw the ball head mount onto the top of the tripod until secure.
2. **Attach the Smartphone Clamp:** Mount the smartphone clamp onto the ball head. Ensure it is tightened to prevent movement.
3. **Mount the Microphone:** Insert the microphone into the cold shoe mount on the smartphone clamp.
4. **Secure Your Smartphone:** Place your smartphone into the adjustable clamp. Ensure it is held firmly. The clamp is designed to accommodate phones with cases.
5. **Connect the Microphone:** Use the provided 3.5mm TRS-TRRS cable to connect the microphone to your smartphone's 3.5mm audio jack. If your smartphone does not have a 3.5mm jack, you will need an original adapter cable (e.g., Lightning to 3.5mm or USB-C to 3.5mm, not included).
6. **Apply Wind Muff (Optional):** For outdoor recording or windy conditions, slide the furry wind muff over the microphone to reduce wind noise.



Image: Step-by-step guide for connecting the microphone to a smartphone, illustrating the use of an adapter for phones without a 3.5mm jack.

Video: Demonstration of how to properly secure a smartphone on the tripod to ensure stability, especially when using accessories like a microphone. It highlights the importance of balancing the weight and using the tripod legs for support.

5. OPERATING INSTRUCTIONS

The CVM-VM10-K2 PRO kit offers flexibility for various recording scenarios:

- **Horizontal Shooting:** Ideal for standard video formats (e.g., YouTube). Position your phone horizontally in the clamp.
- **Vertical Shooting:** Perfect for social media platforms (e.g., TikTok, Instagram Stories). Adjust the ball head mount to orient your phone vertically.
- **Handheld Use:** Fold the tripod legs together to use the kit as a stable handheld grip for on-the-go recording.
- **Camera Use:** The microphone can also be used with cameras that have a 3.5mm microphone input. An additional cable

(TRS-TRS) may be required, not included in this kit.

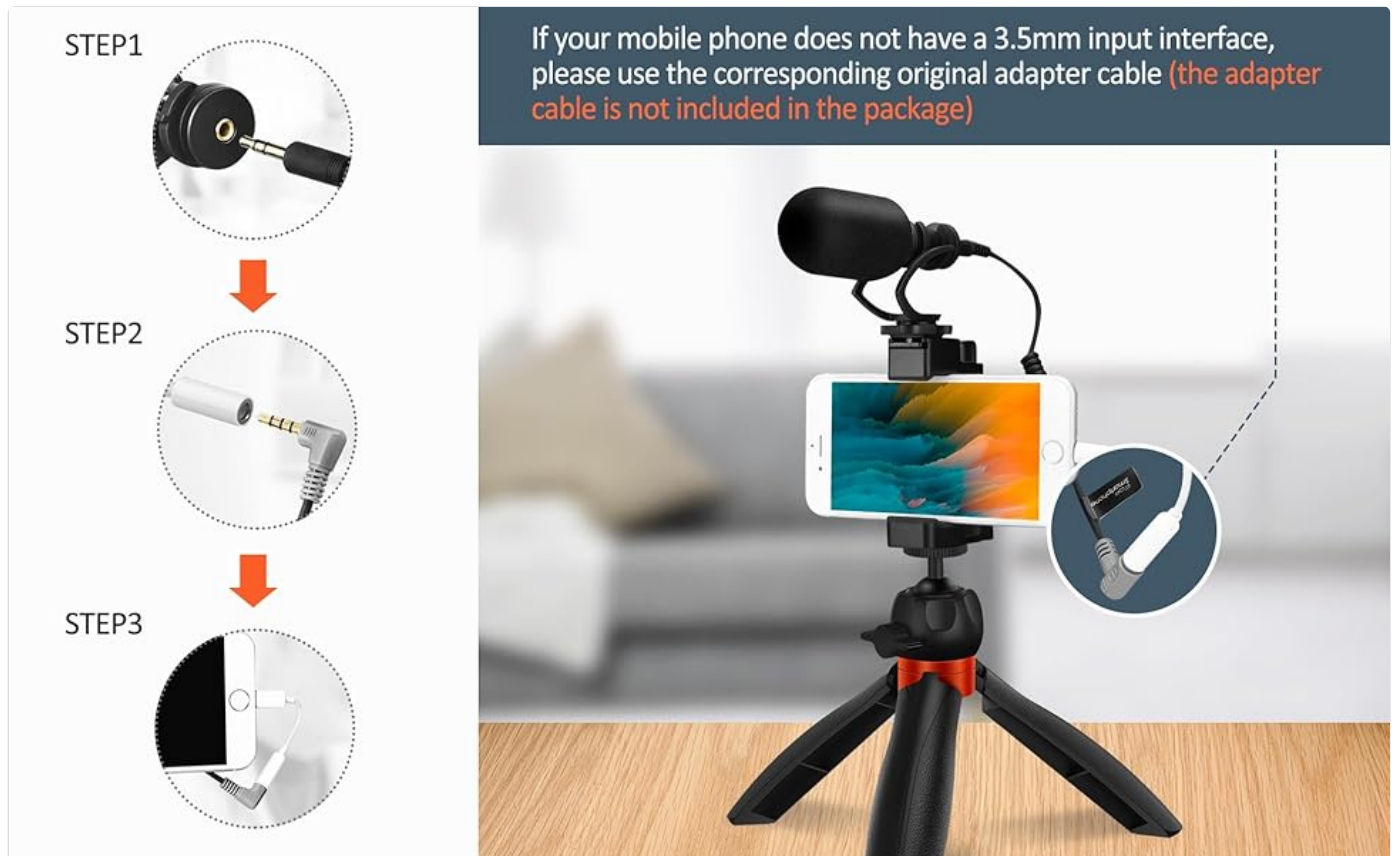


Image: Examples of horizontal, vertical, and camera shooting setups using the kit.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone and other components. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the kit in its provided carry case when not in use to protect it from dust and damage.
- **Handling:** Handle all components with care. Avoid dropping the kit or applying excessive force to the joints and connections.

7. TROUBLESHOOTING

Microphone not recording audio:

Ensure the 3.5mm TRS-TRRS cable is securely connected to both the microphone and your smartphone. If using an iPhone or newer Android phone without a 3.5mm jack, confirm that you are using an original or MFi-certified adapter cable (e.g., Lightning to 3.5mm or USB-C to 3.5mm). Check your phone's audio input settings to ensure the external microphone is selected.

Tripod instability:

When setting up the tripod, ensure the legs are fully extended and positioned to provide a stable base. If the phone feels top-heavy, especially in vertical orientation, adjust the angle of the ball head to center the weight over the tripod's base. Ensure the phone clamp is securely tightened. For heavier phones or accessories, consider using the tripod legs to counteract the weight, as demonstrated in the setup video.

Poor audio quality/excessive background noise:

Ensure the microphone is pointed directly at the sound source. Use the foam windscreen or the furry wind muff (dead cat) to reduce wind noise or plosives, especially in outdoor environments. Check for any obstructions blocking the microphone. The cardioid pattern is designed to pick up sound primarily from the front, so proper positioning is key.

8. SPECIFICATIONS

Feature	Detail
Item Model Number	CVM-VM10-K2 PRO
Brand	COMICA
Microphone Form Factor	Shotgun
Polar Pattern	Unidirectional (Cardioid)
Connectivity Technology	Auxiliary
Connector Type	3.5 mm Jack
Compatible Devices	Smartphone
Material	Metal, Plastic
Item Weight	1.23 ounces (35 Grams)
Product Dimensions	12.01 x 3.15 x 7.87 inches
Signal-to-Noise Ratio	75 dB
Audio Sensitivity	130 Decibels
Frequency Response	100 Hz

9. WARRANTY AND SUPPORT

For warranty information, technical support, or customer service inquiries, please refer to the contact details provided in your product packaging or visit the official COMICA website. Keep your purchase receipt for warranty claims.