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› Saramonic Vmic5 Professional On-Camera Supercardioid Shotgun Microphone User Manual

Saramonic VMIC5

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Model: VMIC5

INTRODUCTION

The Saramonic Vmic5 is a professional on-camera supercardioid shotgun microphone designed for cameras, recorders, and other devices with a 3.5mm microphone input. It delivers broadcast-quality sound with focused directionality and excellent off-axis rejection, making it suitable for advanced content creators, filmmakers, journalists, and vloggers. This manual provides detailed instructions for setting up, operating, and maintaining your Vmic5 microphone.

PACKING LIST

Please check that all items listed below are included in your package:

Packing List:



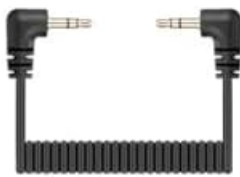
Vmic5 Main Unit



Foam
Windscreen



Furry
Windscreen



(30.5cm) 3.5mm TRS to TRS
Output Cable for Camera



(30.5cm) USB-C to USB-A
Charging Cable

Image: Contents of the Saramonic Vmic5 package, including the Vmic5 main unit, foam windscreen, furry windscreen, 3.5mm TRS to TRS output cable for camera, and a USB-C to USB-A charging cable.

- **Vmic5 Main Unit:** The core microphone unit.
- **Foam Windscreen:** For indoor use to reduce plosives and light wind noise.
- **Furry Windscreen:** For outdoor use in higher wind conditions to significantly reduce wind noise.
- **(30.5cm) 3.5mm TRS to TRS Output Cable for Camera:** Connects the microphone to your camera's 3.5mm audio input.
- **(30.5cm) USB-C to USB-A Charging Cable:** Used for charging the internal battery and external power.

KEY FEATURES

- **Supercardioid Polar Pattern:** Provides focused directionality, capturing sound from the front while rejecting unwanted noise from the sides and rear.
- **Full-Sized Shotgun Design:** Features a 5 x 0.9-inch (126 x 23mm) interference tube with a 14mm capsule for full-frequency, detailed, broadcast-quality sound.
- **Durable ABS Construction:** Ultra-light and sturdy build designed to withstand demanding video production environments.
- **Integrated Shock Mount:** Advanced design isolates the microphone from mechanical noise and vibrations during

movement.

- **Camera Shoe & 1/4"-20 Mounting:** Includes a camera shoe mount with a metal 1/4"-20 thread for versatile mounting options on cameras, boom poles, light stands, or tripods.
- **3.5mm Headphone Output:** Allows for real-time audio monitoring, crucial for cameras lacking a dedicated headphone jack.
- **Side-Mounted 3.5mm Output:** Features a removable coiled 3.5mm TRS cable, enabling the use of longer output cables or adapters.
- **Long-Lasting Li-Ion Battery:** Powered by a 2000mAh lithium-ion battery, offering up to 150 hours of runtime on a single charge for the Vmic5.
- **USB-C External Power:** Can be powered externally via its USB-C power input for extended shooting sessions.
- **Included Wind Protection:** Comes with both a foam windscreen for indoor use and a furry windshield for effective outdoor wind noise reduction.

SETUP

1. Charging the Battery

Before first use, fully charge the internal lithium-ion battery. Connect the supplied USB-C to USB-A charging cable to the USB-C port on the microphone and the USB-A end to a 5V USB power source (e.g., computer, USB wall adapter). The charging indicator LED will illuminate when the microphone is charging.

2. Mounting the Microphone

The Vmic5 features an integrated shock mount with a camera shoe and a 1/4"-20 thread for versatile mounting.

- **On-Camera Mounting:** Slide the camera shoe mount into your camera's hot shoe or cold shoe. Tighten the locking wheel to secure the microphone.
- **Boom Pole/Stand Mounting:** Use the 1/4"-20 threaded hole on the bottom of the shock mount to attach the microphone to a boom pole, light stand, or tripod.



Image: The Saramonic Vmic5 microphone securely mounted on top of a camera, featuring the foam windscreen for indoor recording.

3. Connecting to Your Device

Connect the supplied 3.5mm TRS to TRS output cable from the microphone's 3.5mm output jack to your camera's 3.5mm microphone input. The side-mounted output allows for cleaner cable management.

4. Attaching Wind Protection

- **Foam Windscreen:** Slide the foam windscreen over the microphone capsule for indoor recording or to reduce light wind noise.
- **Furry Windscreen:** For outdoor recording or in windy conditions, slide the furry windscreen over the foam windscreen to provide maximum wind noise reduction.



Image: The Saramonic Vmic5 Pro microphone with its furry windscreen attached, mounted on a camera, ready for outdoor use.

OPERATING INSTRUCTIONS

1. Powering On/Off

Press and hold the power button on the microphone to turn it on or off. The power indicator LED will illuminate when the microphone is active.

2. Vmic5 Controls

The Vmic5 offers simple yet flexible sonic controls:

- **2-Stage Output Gain Control:** Select between **0dB** for devices with high-quality preamps or **+10dB** for cameras with noisy preamps or when additional gain is required.
- **Selectable 150Hz High-Pass Filter:** Activate this filter to eliminate low-frequency noise and rumble from sources like HVAC systems, wind, or footsteps.



Image: A detailed view of the Saramonic Vmic5's control panel, highlighting the power button, 2-stage gain control (0dB, +10dB), and the 150Hz high-pass filter switch.

3. Audio Monitoring

Plug headphones into the 3.5mm headphone output jack to monitor your audio in real-time. This is essential for ensuring optimal sound quality, especially if your camera does not have a headphone output.



Image: The Saramonic Vmic5 microphone connected to a camera, with headphones plugged into the microphone's monitoring port, allowing the user to listen to the audio in real-time.

Vmic5 Pro ADDITIONAL FEATURES (AS SEEN IN PRODUCT VIDEO)

The Vmic5 Pro model, also featured in the product overview video, includes enhanced audio controls:

- **3-Stage Gain Control:** Offers **0dB** for high-quality preamps, **+20dB** for an ultra-clean gain boost with noisy camera preamps, and a **-10dB pad** for cleanly capturing loud sounds without distortion.
- **Selectable High-Pass Filters:** Provides options for **75Hz** and **150Hz** high-pass filters to effectively remove low-frequency noise and rumble.
- **+5dB High-Frequency Boost:** Compensates for high-frequency loss when using the furry windscreen and enhances vocal intelligibility when using the foam windscreen.
- **Auto Power Function:** Automatically turns the Vmic5 Pro on when your camera powers up and off when the camera powers down.



Image: A detailed view of the Saramonic Vmic5 Pro's control panel, showcasing its advanced features including the power button, 3-stage gain control, selectable 75Hz and 150Hz high-pass filters, +5dB high-frequency boost, and auto power function.

SPECIFICATIONS

Feature	Detail
Recommended Uses For Product	Streaming
Brand	Saramonic
Model Name	VMIC5
Connectivity Technology	Bluetooth
Connector Type	Lightning, USB Type-C
Special Feature	Clip

Feature	Detail
Color	Black
Included Components	VMIC5
Polar Pattern	Unidirectional
Audio Sensitivity	10 Decibels

MAINTENANCE

- Keep the microphone clean by wiping it with a soft, dry cloth.
- Avoid exposing the microphone to extreme temperatures, humidity, or direct sunlight.
- Store the microphone in a protective case when not in use to prevent damage.
- Ensure the USB-C charging port is free of dust and debris.

TROUBLESHOOTING

No Audio Output:

- Ensure the microphone is powered on.
- Check that the 3.5mm output cable is securely connected to both the microphone and the camera's microphone input.
- Verify that your camera's audio input settings are correctly configured for an external microphone.
- Confirm the microphone's battery is charged or that it is receiving external power via USB-C.

Poor Audio Quality / Excessive Noise:

- Adjust the microphone's gain control to an appropriate level. Avoid setting the camera's input gain too high, which can introduce noise.
- Activate the 150Hz high-pass filter to reduce low-frequency rumble.
- Use the appropriate windscreen (foam for indoors, furry for outdoors) to minimize wind noise.
- Ensure the microphone is positioned correctly, pointing towards the sound source.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please visit the official Saramonic website or contact their customer service department. Keep your proof of purchase for warranty claims.

Saramonic Official Website: www.saramonic.com

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video: An official overview of the Saramonic Vmic5 and Vmic5 Pro shotgun microphones, highlighting their common features such as supercardioid polar pattern, full-sized interference tube, durable construction, headphone output, and versatile mounting. It also details the differences in sonic controls and power functions between the two models, demonstrating their use in various filming scenarios.

