Saramonic SR-M3

Saramonic SR-M3 Mini Directional Condenser Microphone User Manual

Model: SR-M3

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Saramonic SR-M3 Mini Directional Condenser Microphone. The SR-M3 is designed to enhance audio recording quality for DSLR cameras and camcorders, featuring an integrated shockmount, low-cut filter, and audio gain switches.

PRODUCT OVERVIEW

The Saramonic SR-M3 is a compact and lightweight directional condenser microphone. It is equipped with several features to optimize your audio recording experience.

Key Features:

- Directional condenser microphone for focused audio capture.
- Integrated shockmount to minimize handling noise.
- Switchable +10dB audio gain for boosting signal levels.
- Switchable 200 Hz low-cut filter to reduce unwanted low-frequency noise.
- Additional 3.5mm microphone input for connecting a secondary microphone.
- 3.5mm headphone monitor jack for real-time audio monitoring.
- Powered by a single AAA battery.

Microphone Type: Directional Condenser
Frequency Range: 75 Hz - 18 kHz
Sensitivity: -37dB +/- 1dB
Signal to Noise Ratio: 75dB SPL
Battery: 1 "AAA"
Output: 3.5mm TRS

Image: The Saramonic SR-M3 microphone, highlighting its directional condenser type, frequency range, sensitivity, signal-to-noise ratio, battery type, and output.

SETUP

1. Battery Installation

1. Locate the battery compartment on the microphone body.
2. Open the compartment and insert one (1) AAA battery, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

2. Mounting the Microphone

1. Slide the integrated shoe-mount of the SR-M3 into the hot shoe or cold shoe mount on your DSLR camera or camcorder.
2. Tighten the locking wheel on the shoe-mount to secure the microphone in place.

Image: The Saramonic SR-M3 microphone shown mounted on a camera, demonstrating its compact and lightweight design.

3. Connecting to Your Device

1. Connect the supplied 3.5mm TRS output cable from the microphone's output jack to the microphone input jack on your DSLR camera or camcorder.

Headphone Input Jack: **3.5mm** TRS Output Cable

Image: Close-up view of the Saramonic SR-M3 showing the 3.5mm TRS output cable connected, alongside the headphone input jack.

OPERATING INSTRUCTIONS

1. Powering On/Off

Locate the power switch on the microphone. Slide it to the "ON" position to power on the microphone. Slide it to "OFF" when not in use to conserve battery life.

2. Using the +10dB Audio Gain Switch

The SR-M3 features a +10dB audio gain switch. This switch boosts the microphone's output level, which can be useful in situations where the camera's preamps are noisy or when recording quiet sound sources. Engage this switch if your audio levels are too low.

3. Using the 200 Hz Low-Cut Filter Switch

The 200 Hz low-cut filter (also known as a high-pass filter) reduces low-frequency sounds such as rumble, wind

noise, or air conditioning hum. Engage this switch when recording in environments with unwanted low-frequency interference.

Image: The Saramonic SR-M3 microphone showing the +10dB Audio Gain Switch and the 200 Hz Low-Cut Filter Switch.

4. Connecting an External Microphone (Optional)

The SR-M3 includes an extra 3.5mm microphone input. This allows you to connect a second microphone, such as a lavalier microphone, for dual-source recording. The audio from both microphones will be mixed into a single stereo track.

5. Monitoring Audio

Connect headphones to the 3.5mm headphone monitor jack to listen to your audio in real-time. This is crucial for ensuring proper audio levels and identifying any potential issues during recording.

Image: The Saramonic SR-M3 microphone mounted on a camera, with headphones connected to the monitoring jack, illustrating real-time audio monitoring.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** Remove the AAA battery if the microphone will not be used for an extended period to prevent leakage and damage.
- **Storage:** Store the microphone in a dry, dust-free environment, away from extreme temperatures.
- **Windscreen:** Periodically check the foam windscreen for wear and tear. Replace if necessary to maintain optimal performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No audio output	- Microphone not powered on. - Dead or incorrectly installed battery. - Cable not connected properly. - Camera audio input settings incorrect.	- Ensure power switch is "ON". - Replace battery or check polarity. - Verify 3.5mm cable is securely connected to both microphone and camera. - Check camera's audio input level and source settings.

Problem	Possible Cause	Solution
Low audio level	+10dB gain switch is off. - Camera input level too low. - Microphone too far from sound source.	- Engage the +10dB gain switch. - Increase camera's audio input level. - Position microphone closer to the sound source.
Excessive background noise/rumble	- Low-cut filter is off. - Environmental low-frequency noise.	- Engage the 200 Hz low-cut filter switch. - Use the included foam windscreen. - Record in a quieter environment if possible.

SPECIFICATIONS

Feature	Detail
Microphone Type	Directional Condenser
Polar Pattern	Unidirectional
Frequency Range	75 Hz - 18 kHz
Sensitivity	-37dB +/- 1dB
Signal to Noise Ratio	75dB SPL
Output	3.5mm TRS
Power Source	1 x AAA Battery
Dimensions (L x W x H)	5.5 x 2.3 x 1.6 inches (14 x 5.8 x 4.1 cm)
Weight	2.1 oz (30g) / 2.4 ounces (68g)
Material	Metal, Rubber
Compatible Devices	DSLR Cameras, Camcorders
Included Components	SR-M3 microphone

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Saramonic website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.