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› MAONO AU-100R Rechargeable Lavalier Microphone User Manual

MAONO AU-100R

MAONO AU-100R Rechargeable Lavalier Microphone User Manual

Model: AU-100R | Brand: MAONO

INTRODUCTION

The MAONO AU-100R is a rechargeable omnidirectional condenser lavalier microphone designed for high-quality audio recording. It features a 360-degree sound pickup, a 6-meter (20-foot) shielded cable, and a built-in rechargeable battery for extended use. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your AU-100R microphone.

PACKAGE CONTENTS

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

- 1x MAONO AU-100R Lavalier Microphone (with 236-inch / 6-meter cable)
- 1x 3.5mm to 6.5mm Adapter
- 1x Metal Clip
- 1x Wind Muff (foam windscreen)
- 1x Micro USB Charging Cable
- 1x User Manual
- 1x Pouch

1x Mic with 236in Cable

1x Windscreen Cap

1x Micro USB Cable

1x Metal Clip

1x 6.5mm Adapter

1x Manual

1x Bag

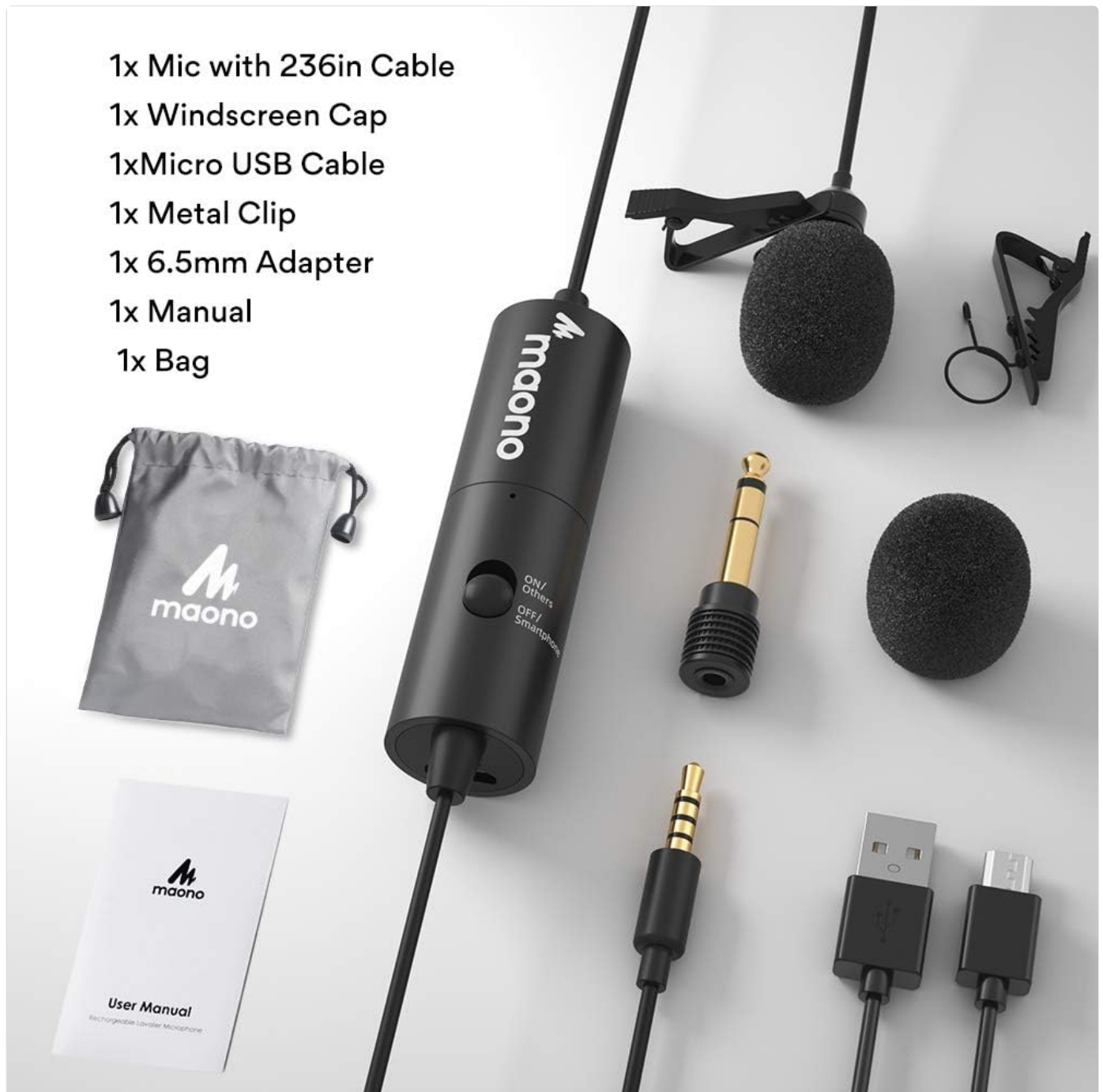


Figure 1: MAONO AU-100R Package Contents

SETUP

1. **Attach the Clip:** Secure the metal clip to the microphone unit. This allows you to easily attach the microphone to your clothing.
2. **Attach the Wind Muff:** Gently place the foam wind muff over the microphone capsule. This helps reduce plosives and wind noise during recording.
3. **Connect to Device:**
 - **For Smartphones/Tablets (3.5mm TRRS jack):** Plug the 3.5mm TRRS connector directly into your device's headphone/microphone jack. Slide the switch on the microphone's control unit to the "OFF/Smartphone" position.
 - **For Cameras/Camcorders/PCs (3.5mm TRS jack):** Plug the 3.5mm TRRS connector into your device's microphone input. Slide the switch on the microphone's control unit to the "ON/Other" position.
 - **For Audio Mixers/Professional Audio Devices (6.5mm jack):** Attach the included 3.5mm to 6.5mm adapter

to the microphone's 3.5mm TRRS connector, then plug it into your audio device. Slide the switch on the microphone's control unit to the "ON/Other" position.

- **Note for iPhone 7 and later models:** These devices typically require an original Apple Lightning to 3.5mm Headphone Jack Adapter (not included) for connection.

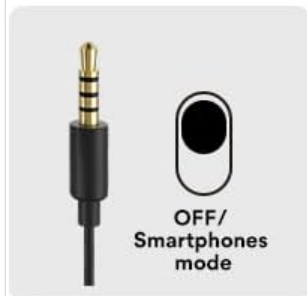
Wide Compatible



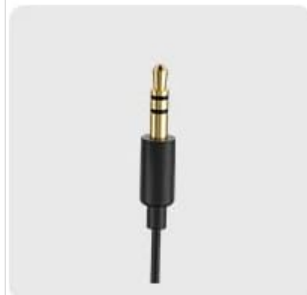
For
iPhone/iPad



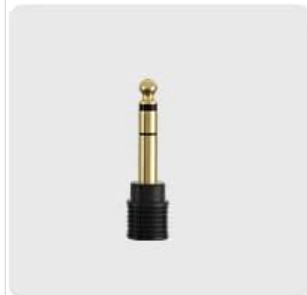
for iPhone 7 and above,
a lightning adapter is needed (Not included)



For
Android/Tablets



For
Camera/ DSLR/PC
/Computer
/Audio Recorder



For Audio Mixer



Figure 2: Device Compatibility and Connection Methods

WIDE COMPATIBILITY

Two modes for compatibility with more devices



Figure 3: Microphone Control Unit and Wide Compatibility Overview

OPERATING INSTRUCTIONS

The MAONO AU-100R features a simple switch for mode selection and an LED indicator for battery status.

1. Power On/Off and Mode Selection:

- Slide the switch to "**OFF/Smartphone**" when connecting to smartphones or tablets. In this mode, the microphone draws power from the connected device.
- Slide the switch to "**ON/Other**" when connecting to cameras, camcorders, PCs, or audio mixers. In this mode, the microphone uses its internal rechargeable battery.

2. LED Indicator: The LED provides visual feedback on battery status.

- When the switch is moved to "ON", the LED will light up for 1 second:
 - **Green:** Battery capacity is 20% or higher.
 - **Red:** Battery capacity is below 20%.

- When charging, the LED will light **White**. It will turn off once fully charged.



Figure 4: LED Indicator for Battery Status

Your browser does not support the video tag.

Video 1: Official MAONO AU-100R Lavalier Microphone Overview. This video provides a visual guide to the microphone's features and basic operation.

CHARGING INSTRUCTIONS

The MAONO AU-100R features a built-in rechargeable battery for convenient use with cameras and other devices.

1. **Connect Charger:** Use the provided Micro USB charging cable to connect the microphone's control unit to a USB power source (e.g., computer USB port, USB wall adapter).
2. **Charging Indicator:** The LED indicator on the control unit will light **White** while charging.
3. **Full Charge:** The LED indicator will turn off once the battery is fully charged. A full charge typically takes approximately 1.5 hours.

4. **Battery Life:** A fully charged battery provides up to 90 hours of working time.



Figure 5: Charging the MAONO AU-100R Microphone

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your microphone.

- **Cleaning:** Gently wipe the microphone body and cable with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the microphone in its included pouch when not in use to protect it from dust and physical damage.
- **Environmental Conditions:** Avoid exposing the microphone to extreme temperatures, high humidity, or direct sunlight. Keep it away from water and other liquids.
- **Cable Care:** Do not sharply bend or pull the cable. Coil it loosely for storage.

TROUBLESHOOTING

If you encounter issues with your MAONO AU-100R microphone, please refer to the following common solutions:

Problem	Possible Cause	Solution
No sound or low volume	◦ Incorrect switch position. ◦ Low battery (for "ON/Other" mode). ◦ Improper connection. ◦ Device settings.	◦ Ensure the switch is in the correct position ("OFF/Smartphone" for phones, "ON/Other" for cameras/PCs). ◦ Charge the microphone if using "ON/Other" mode. ◦ Ensure the 3.5mm connector is fully inserted into the device jack. ◦ Check your device's audio input settings to ensure the external microphone is selected and volume is adequate.
Poor sound quality (static, hum, muffled)	◦ Environmental interference. ◦ Wind noise or plosives. ◦ Microphone placement. ◦ Cable damage.	◦ Move away from electronic devices that may cause interference. ◦ Ensure the wind muff is properly installed. ◦ Adjust microphone placement (typically 6-8 inches from the mouth, clipped to clothing). ◦ Inspect the cable for any visible damage.
LED not lighting up	◦ Battery fully discharged. ◦ Charging cable issue.	◦ Connect to a power source using the Micro USB cable. If the LED still doesn't light white, try a different USB port or cable.

REJECT CURRENT SOUND AND STATIC NOISE

Upgrade Copper ->
Microphone Capsule

Reduce Static Electricity
Generated by Friction



Anti-interference Shield Cable ->

Reduce Loss and Current Noise in Sound
Transmission Engineering



Figure 6: Internal Design for Noise Reduction

SPECIFICATIONS

Feature	Detail
Model Number	AU-100R
Brand	MAONO
Microphone Form Factor	Lavalier
Polar Pattern	Omnidirectional
Connectivity Technology	Auxiliary (3.5mm Jack)
Power Source	Battery Powered (Rechargeable Lithium Polymer)
Battery Life	Up to 90 hours

Feature	Detail
Audio Sensitivity	120 Decibels
Signal-to-Noise Ratio	74 dB
Cable Length	236.22 inches (approx. 6 meters)
Item Weight	60 Grams
Compatible Devices	Amplifier, Camera, Personal Computer, Smartphone, Tablet
Material	Alloy Steel
UPC	840079600127

WARRANTY AND SUPPORT

The MAONO AU-100R Lavalier Microphone comes with a **12-Month Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures product quality.

For any product or usage issues, please contact MAONO customer support. Our team is dedicated to providing assistance and ensuring a satisfactory user experience.

You can find more information and support on the official MAONO store page [MAONO Store](#)

