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Rythflo LM01-Lightning

Rythflo Wireless Lavalier Microphone

USER MANUAL

Introduction

Thank you for choosing the Rythflo Wireless Lavalier Microphone. This system is designed to provide high-quality audio for video recording, vlogging, streaming, and more, especially for iPhone and iPad users with a Lightning port. Featuring advanced noise cancellation, long battery life, and extended transmission range, this microphone system ensures clear and reliable sound capture in various environments.

What's in the Box

- 2 x Microphone Transmitters
- 2 x Furry Windshields
- 1 x iOS Receiver (Lightning)
- 1 x USB-C Charging Cable
- 1 x Carry Case
- 1 x User Manual (this document)

2X Noise Cancelling

DSP chip active noise cancelling & Furry windshields filtering



Figure 1: All components included in the Rythflo Wireless Lavalier Microphone package.

Product Features

- **Professional Noise Cancelling:** Equipped with a DSP chip and includes furry windshields for effective background noise reduction.
- **18-Hour Battery Life:** Each wireless microphone transmitter has a built-in 110 mAh rechargeable battery, providing up to 9 hours on a single charge, or 18 hours total with two microphones.
- **100 ft Transmission:** Utilizes state-of-the-art 2.4G wireless technology for a stable connection and ultra-low latency (less than 0.02s) up to 100 feet.
- **Reverb/Mute Function:** Features a reverb function for 3D sound and an immersive feeling, and a mute

function for temporary audio cutoff without powering down.

- **Lightning Compatibility:** The receiver is specifically designed for iPhone and iPad devices with a Lightning port.

Setup Guide

1. **Charge the Transmitters:** Before first use, fully charge both microphone transmitters using the provided USB-C charging cable. The digital display will indicate charging status.
2. **Attach Furry Windshields (Optional):** For outdoor use or in windy conditions, gently attach the furry windshields to the top of the microphone transmitters to minimize wind noise.
3. **Connect the Receiver:** Plug the Lightning receiver directly into the Lightning port of your iPhone or iPad. The receiver does not require separate charging as it draws power from your device.
4. **Power On Transmitters:** Press and hold the power button on each microphone transmitter until the indicator lights illuminate. They will automatically pair with the receiver.
5. **Clip On:** Clip the microphone transmitter securely to your lapel or clothing, ensuring the microphone opening faces your mouth for optimal sound capture.



Figure 2: The Rythflo Wireless Lavalier Microphone system ready for setup.

Figure 3: The microphone is universally compatible with iPhones and iPads with Lightning ports.

Operating Instructions

- **Recording:** Once paired, open your preferred recording app (e.g., Camera, Voice Memos, third-party video apps) on your iPhone/iPad. The audio input will automatically switch to the Rythflo microphone.
- **Noise Cancellation:** The microphone features built-in noise cancellation. This function is automatically active to reduce ambient noise. For enhanced noise reduction, ensure the furry windshields are properly installed.
- **Reverb Function:** To activate or deactivate the reverb effect, short press the dedicated reverb button on the microphone transmitter. This adds a 3D sound quality.
- **Mute Function:** To temporarily mute the microphone, short press the mute button on the transmitter.

This is useful for private conversations or setup adjustments without stopping your recording. Press again to unmute.

- **Monitoring:** For real-time audio monitoring, connect headphones to your iPhone/iPad's headphone jack (if available) or use a Lightning to 3.5mm adapter.



Figure 4: The microphone's noise cancellation feature with furry windshields for clear audio.



Figure 5: Graphic representation of the reverb function.



Figure 6: Demonstrating the mute mode for versatile use.



Figure 7: The digital display provides clear indicators for various functions.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the microphone transmitters and receiver. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the microphone system in its provided carry case when not in use to protect it from dust, moisture, and physical damage.
- **Battery Care:** To prolong battery life, avoid fully discharging the transmitters frequently. Charge them regularly, even if not in constant use.
- **Furry Windshields:** Clean the furry windshields by gently shaking off dust or using a soft brush. Avoid washing them with water.

Troubleshooting

Problem	Possible Cause	Solution
No sound/Low volume	Microphone not powered on; Not paired; Muted; Low battery; Incorrect app settings.	Ensure transmitters are on and paired. Check mute status. Charge transmitters. Verify audio input settings in your recording app.
Interference/Poor sound quality	Obstacles between transmitter and receiver; Too far from receiver; Strong electromagnetic interference.	Reduce distance between devices. Remove obstacles. Move away from other wireless devices or strong electrical fields.
Microphone not charging	Faulty cable/adaptor; Incorrect connection.	Try a different USB-C cable and power adapter. Ensure the cable is securely connected to the transmitter and power source.
Receiver not recognized by iPhone/iPad	Loose connection; Device software issue.	Ensure the receiver is fully inserted into the Lightning port. Restart your iPhone/iPad.

Specifications

Specification	Detail
Model Name	Rythflo Wireless Lavalier Microphone for iPhone (LM01-Lightning)
Microphone Form Factor	Lavalier
Connectivity Technology	2.4G Wireless
Connector Type	Lightning
Compatible Devices	Smartphone, iPhone, iPad
Audio Sensitivity	42 dB
Signal-to-Noise Ratio	80 dB
Frequency Range	20Hz-20KHz
Max Transmission Distance	100 ft
Battery Life (Transmitter)	Up to 9 hours (single mic), 18 hours (two mics total)
Item Weight	40 Grams (1.41 ounces)
Dimensions (L x W x H)	3 x 2 x 1.2 inches
Material	Acrylonitrile Butadiene Styrene
Color	Black
Polar Pattern	Omnidirectional

Warranty and Support

Rythflo offers dependable service and technical support for your product. For assistance, please reach out to us via Amazon messaging or refer to the service information provided in the original packaging. We are committed to ensuring your satisfaction with our products.

For additional information and resources, you may refer to the official User Manual PDF [Rythflo Wireless Lavalier Microphone User Manual \(PDF\)](#)