LEKATO M8

LEKATO MS-1 Wireless In-Ear Monitor System User Manual

Model: M8

Introduction

The LEKATO MS-1 Wireless In-Ear Monitor System is designed to provide high-quality, reliable audio monitoring for various applications, including live performances, studio recording, and personal practice. This system operates on a stable 2.4GHz frequency band, ensuring clear sound transmission with minimal interference.



Figure 1: LEKATO MS-1 Wireless In-Ear Monitor System (Transmitter and Receiver)

Key Features:

- **One TX to Many RXs:** Multiple receivers can be paired to a single transmitter, supporting up to 6 sets simultaneously for band practice or small gigs.
- **Auto-Pairing:** Simplifies setup by automatically connecting units.
- **Support Stereo Transmission:** Provides true stereo audio with a one-key switch between Stereo/Mono input.
- **2.4GHz Wireless IEM:** Ensures lossless sound quality, low noise, and low latency (<12ms) with a 24-bit/48kbps resolution.
- **Long Battery Life:** Built-in rechargeable battery offers over 5 hours of use on a full charge.
- **90Ft Wireless Range:** Provides a reliable wireless range of up to 90 feet in open areas.

What's in the Box

Upon opening your LEKATO MS-1 package, please ensure all the following items are included:



Figure 2: Package Contents

- 1 x Wireless Transmitter
- 1 x Wireless Receiver
- 1 x Charging Cable (USB to dual Micro-USB)
- 1 x 3.5mm to 6.35mm Adapter
- 2 x 3.5mm TRRS Audio Cables

Setup Guide

Follow these steps to set up your LEKATO MS-1 Wireless In-Ear Monitor System for optimal performance.

1. Powering On and Pairing

The MS-1 system features automatic pairing for convenience. Simply turn on both the transmitter and receiver units. If they do not pair automatically, you can manually initiate pairing.

- Turn on the power switch on both the transmitter and receiver.
- Long press the "PAIR" buttons on both units simultaneously.
- Wait until the green light on both units stops flashing and becomes solid, indicating successful pairing.

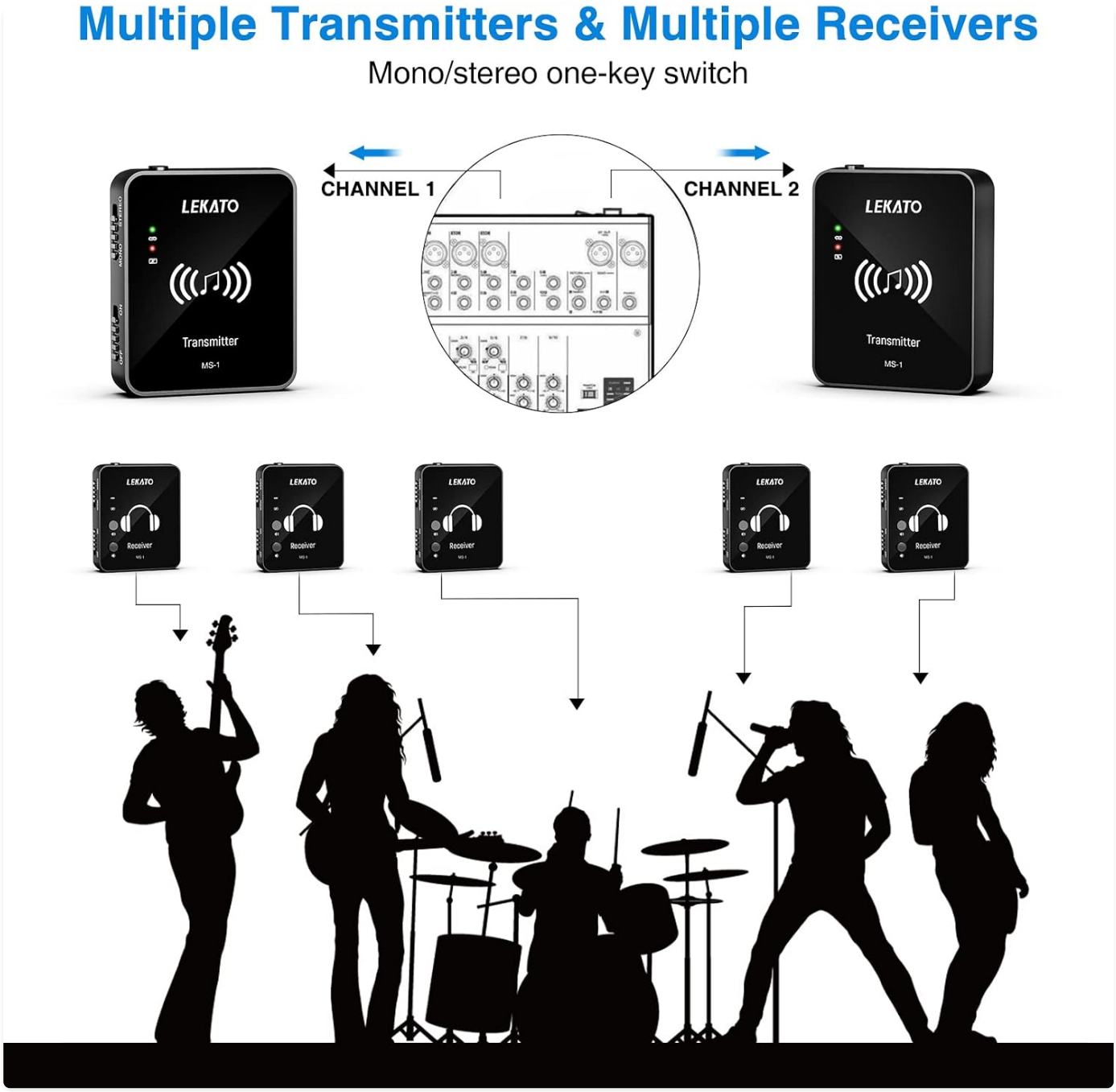


Figure 3: Auto-Pairing Process

2. Connecting the Transmitter to Your Audio Source

Connect the transmitter to your audio source (e.g., mixer, sound card, guitar amp) using the provided 3.5mm TRRS audio cables and the 6.35mm adapter if needed.

- Plug one end of the 3.5mm TRRS audio cable into the input jack of the transmitter.

- Connect the other end of the 3.5mm TRRS audio cable to your audio source. If your source requires a 6.35mm input, use the included adapter.



Figure 4: Transmitter Connection to Audio Source

3. Connecting the Receiver and Wearing

Connect your personal in-ear monitors or headphones to the receiver unit and clip the receiver to your belt or pocket for convenient monitoring.

- Plug your headphones or in-ear monitors (not included) into the 3.5mm output jack of the receiver.
- Use the integrated clip on the back of the receiver to attach it securely to your belt, waistband, or pocket.



Figure 5: Receiver with Headphones and Belt Clip

Setup and Usage Demonstration Video

Video 1: A comprehensive guide demonstrating the setup, pairing, and various usage scenarios of the LEKATO MS-1 wireless in-ear monitoring system.

Operating Instructions

Stereo/Mono Input Switching

The MS-1 system allows you to switch between stereo and mono input modes, providing flexibility based on your audio source and monitoring needs. Ensure your audio source is stereo if you intend to use stereo transmission.

- Locate the MONO/STEREO switch on the side of both the transmitter and receiver units.
- Slide the switch to the desired mode (MONO or STEREO). Both units should be set to the same mode for proper operation.



Figure 6: Transmitter and Receiver Controls

One Transmitter to Multiple Receivers

The LEKATO MS-1 system supports connecting a single transmitter to multiple receiver units, making it ideal for band monitoring or group listening scenarios. Up to 6 sets of devices can work simultaneously without interference.



Figure 7: One-to-Many Configuration

Battery Life and Wireless Range

The MS-1 units are equipped with rechargeable Lithium Polymer batteries, offering reliable performance for extended periods.

- **Battery Life:** Each unit provides more than 5 hours of continuous operation after a full charge.
- **Wireless Range:** The effective wireless range between the transmitter and receiver is approximately 90 feet (27 meters) in an open area. Performance may vary depending on environmental factors and obstacles.



Figure 8: Performance Overview

Maintenance

Proper maintenance ensures the longevity and optimal performance of your LEKATO MS-1 system.

- **Charging:** Use the provided USB charging cable to charge both the transmitter and receiver. A full charge typically takes about 2 hours. Avoid using damaged cables or non-standard chargers.
- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the units in a cool, dry place away from direct sunlight, extreme temperatures, and humidity when not in use.
- **Battery Care:** To prolong battery life, avoid fully discharging the units frequently. Charge them regularly, even if not in constant use.

Troubleshooting

If you encounter issues with your LEKATO MS-1 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from receiver	Units not paired; Low battery; Incorrect cable connection; Volume too low.	Ensure both units are paired (solid green light). Charge units. Check all cable connections. Increase receiver volume.
Intermittent signal or static	Out of range; Interference from other 2.4GHz devices; Obstacles between units.	Reduce distance between transmitter and receiver. Move away from Wi-Fi routers or other wireless devices. Ensure clear line of sight.
Units not pairing	Incorrect pairing procedure; Low battery.	Ensure both units are fully charged. Long press both "PAIR" buttons simultaneously until green light is solid.
Short battery life	Battery degradation; Incomplete charging.	Ensure units are fully charged (approx. 2 hours). If battery life significantly degrades, contact customer support.

Specifications

Feature	Detail
Model Number	M8
Item Weight	5.3 ounces
Package Dimensions	4.88 x 3.19 x 1.65 inches
Country of Origin	China
Batteries	2 Lithium Polymer batteries (included)
Color Name	Black
Compatible Devices	Smartphones, Tablets, Laptops, Home Stereo Systems, Car Stereo Systems, Headphones
Connector Type	Wireless
Hardware Interface	Radio Frequency
Material Type	Plastic
Size	One Transmitter + One Receiver

Feature	Detail
Battery Type	Lithium Polymer
Charging Time	2 Hours
Power Source	Battery Powered
Voltage	3.7 Volts
Special Feature	Low Latency, Automatic Pairing, Fast Charging, Stereo input
Connectivity Technology	Wireless

Safety Information

Please read and follow these safety guidelines to prevent injury or damage to the device:

- General safety warnings about handling batteries.
- Avoid exposure to water and extreme temperatures.
- Do not use the device while driving or operating machinery.

Warranty and Support

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

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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