

LD Systems U305.1 MD

LD Systems U305.1 MD Dynamic Handheld Microphone User Manual

1. INTRODUCTION

Thank you for choosing the LD Systems U305.1 MD Dynamic Handheld Microphone. This professional-grade microphone is designed for reliable performance in the 514-542 MHz frequency band, offering clear audio reproduction for various applications. This manual provides essential information for the correct setup, operation, and maintenance of your device to ensure optimal functionality and longevity.

2. IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions thoroughly before using the product.
- Keep these instructions for future reference.
- Do not expose the microphone to water, moisture, or extreme temperatures.
- Use only the specified battery type (AA batteries).
- Do not attempt to disassemble or modify the microphone. Refer all servicing to qualified personnel.
- Dispose of batteries responsibly according to local regulations.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- LD Systems U305.1 MD Dynamic Handheld Microphone
- AA Batteries (for initial use)

4. SETUP

4.1 Battery Installation

1. Unscrew the lower part of the microphone handle to reveal the battery compartment.
2. Insert two AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Securely screw the handle back into place.

4.2 Synchronization with Receiver

The U305.1 MD handheld transmitter is designed for convenient synchronization with the U3051 receiver via infrared. Refer to your U3051 receiver's manual for detailed instructions on initiating the infrared synchronization process. Ensure both devices are powered on and within close proximity during synchronization.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Locate the power button on the microphone. Press and hold the button for a few seconds to power the microphone on or off. An indicator light will confirm the power status.

5.2 Frequency Selection

The microphone operates within the 514-542 MHz frequency band. Specific frequency channels are typically set and managed via the paired U3051 receiver. A pilot tone ensures disruption-free operation once synchronized.

5.3 Microphone Usage

Hold the microphone approximately 2-6 inches from the sound source for optimal audio capture. The dynamic capsule with a cardioid characteristic is ideal for isolating the main sound source and reducing background noise. The microphone's performance can be adapted for singing or spoken word by utilizing U500 series-compatible microphone capsules (sold separately).

6. MAINTENANCE

6.1 Cleaning

Wipe the microphone's exterior with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Do not use abrasive cleaners or solvents. Regularly clean the grille to prevent debris buildup.

6.2 Storage

When not in use for extended periods, remove the batteries to prevent leakage. Store the microphone in a dry, cool place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Microphone not powered on; Batteries depleted or incorrectly installed; Not synchronized with receiver; Receiver issues.	Ensure microphone is powered on. Check and replace batteries if necessary. Re-synchronize with the receiver. Verify receiver's power and connection.
Poor audio quality / Dropouts	Low battery; Interference; Microphone too far from receiver; Obstructions between microphone and receiver.	Replace batteries. Ensure clear line of sight to receiver. Reduce distance to receiver. Check for potential sources of interference.

Problem	Possible Cause	Solution
Microphone not responding	Power issue; Internal fault.	Check batteries and power. If problem persists, contact customer support.

8. TECHNICAL SPECIFICATIONS

Brand: LD Systems

Model Number: U305.1 MD (LDU3051MD)

Connectivity Technology: XLR (output from receiver)

Included Components: Battery

Polar Pattern: Unidirectional (Cardioid)

Microphone Form Factor: Handheld

Item Dimensions (L x W x H): 11.81 x 3.94 x 3.94 inches

Power Source: Battery Powered (2x AA)

Frequency Response: 55 Hz to 16 KHz

Operating Frequency Band: 514-542 MHz

9. WARRANTY AND SUPPORT

LD Systems products are manufactured to high quality standards and come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official LD Systems website. For technical support, service, or spare parts, please contact your local dealer or the LD Systems customer service department.

Online Support: www.ld-systems.com