

## MOYLEAF T023-66

# MOYLEAF Dual UHF Wireless Microphone System

Model: T023-66

## 1. INTRODUCTION

Thank you for choosing the MOYLEAF Dual UHF Wireless Microphone System. This professional-grade system is designed to deliver high-definition sound quality and reliable long-range transmission for a variety of applications, including karaoke, home KTV, large parties, DJ events, weddings, and classroom use. Its robust metal construction ensures durability, while the plug-and-play design makes setup quick and easy. This manual provides detailed instructions to help you get the most out of your new wireless microphone system.



Image: The MOYLEAF Dual UHF Wireless Microphone System, featuring two handheld microphones and the receiver unit.

## 2. PACKAGE CONTENTS

Please check the box to ensure all items are present:

- 2 x Handheld Microphones
- 1 x Receiver Unit
- 1 x 6.35mm Audio Cable
- 2 x Anti-slip Rings (for microphones)
- 2 x Mic Covers
- 1 x Power Adapter
- 1 x User Manual (this document)

# Simple And Complete Packaging

Power adapter



Anti-rolling ring



1/4" audio cable



User manual



Image: Contents of the MOYLEAF wireless microphone system packaging.

## 3. PRODUCT FEATURES

### 3.1 HD Sound Quality

Equipped with a professional cardioid dynamic capsule, this wireless microphone system effectively isolates the main sound source and reduces background noise, ensuring clear and crisp audio output. It is ideal for various vocal performances and speaking engagements.



Image: Internal structure and sound quality components of the microphone.

### 3.2 Long Range Stable Transmission

Each UHF wireless microphone features 25 adjustable channels, allowing for stable transmission up to 260 feet (approximately 80 meters) in open spaces. This multi-channel capability minimizes interference, enabling the use of multiple wireless microphone systems simultaneously without signal degradation.

# Long-Distance Transmission

Signal stability, lossless transmission



Image: Illustration of the system's long-distance transmission capability.

## 3.3 Solid Exterior & Design

The MOYLEAF wireless microphones are constructed with an all-metal body and a steel mesh grille, providing excellent resistance to impact and corrosion. The receiver box is designed with separate volume controls for each wireless microphone, offering precise audio management.



# UHF Wireless Receiver

Metal Dual UHF Cordless  
Handheld Microphone

XLR & 1/4" outputs & 2 antennas

IR window & volume control

Image: The UHF Wireless Receiver and its features.

## 3.4 Plug and Play Convenience

The system offers simple plug-and-play functionality. Just turn on the receiver and microphones, and they will automatically pair. Note: This system is designed for devices with a dedicated microphone input. It is NOT compatible with laptops, iPads, cellphones, or standard AV receivers that lack a dedicated microphone input.

## 4. SETUP GUIDE

## 4.1 Installing Batteries in Microphones

1. Unscrew the bottom cap of each handheld microphone.
2. Insert 2 x AA batteries (not included) into each microphone, ensuring correct polarity (+/-).
3. Securely screw the bottom cap back onto the microphone.

## 4.2 Connecting the Receiver

1. Connect the power adapter to the receiver unit and plug it into a power outlet.
2. Using the provided 6.35mm audio cable, connect the receiver's output to the MIC IN input of your compatible audio device (e.g., sound card, music mixer, karaoke speaker, power amplifier, outdoor speaker).
3. Ensure the antennas on the receiver are upright for optimal signal reception.

# Support Multiple Device Connections

Plug it into the "MIC IN" input!



**Note:** The device requires MIC input



Sound card



Music mixer



Karaoke speaker



Power amplifier



Outdoor speaker



Image: Compatible devices and connection points for the receiver.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On/Off

- Press the 'Power' button on the receiver unit to turn it on. The display will light up.
- Press and hold the power button on each microphone to turn them on. The microphone display will show battery level and channel information.



- To power off, press and hold the power button on the microphones, then press the 'Power' button on the receiver.

## 5.2 Volume Control

Adjust the individual volume levels for each microphone using the dedicated volume knobs on the receiver unit (VOL-A+ and VOL-B+).

## 5.3 Channel Adjustment (if needed)

The system automatically pairs. If interference occurs, you can manually adjust the channel on the microphones. Refer to the specific instructions on the microphone display for channel selection. Each microphone has 25 adjustable channels.



## 6. MAINTENANCE

- **Battery Replacement:** Replace AA batteries in microphones when the battery indicator on the display is low.
- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Remove batteries from microphones if storing for extended periods to prevent leakage.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphones	Microphones or receiver not powered on; Low batteries; Incorrect connection to audio device; Mismatched channels.	Ensure all units are powered on; Replace batteries; Check audio cable connection to 'MIC IN' port; Adjust microphone channels to match receiver.
Interference or static noise	Other wireless devices nearby; Obstructions; Mismatched channels.	Change microphone channels; Move receiver away from other electronic devices; Ensure clear line of sight between mics and receiver.
Short transmission range	Obstructions; Weak signal; Low batteries.	Ensure clear line of sight; Check antenna position; Replace batteries.
Microphone display not working	Low or dead batteries.	Replace batteries with fresh AA batteries.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	T023-66
Brand	MOYLEAF
Microphone Form Factor	Handheld

Feature	Detail
Polar Pattern	Unidirectional
Power Source	Battery Powered (2 x AA batteries per mic)
Number of Channels	25 (adjustable per mic)
Frequency Response	50Hz-15KHz
Connectivity Technology	Auxiliary (6.35mm Jack)
Max Transmission Range	260 feet (in open space)
Special Feature	Volume Control (on receiver)
Item Weight	3.03 pounds (total package)
Package Dimensions	14.06 x 11.3 x 2.4 inches

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact MOYLEAF customer service directly. Keep your proof of purchase for any warranty claims.