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› Zenolix UM02 Dual UHF Wireless Microphone System User Manual

## Zenolix UM02

# Zenolix UM02 Dual UHF Wireless Microphone System User Manual

Model: UM02 | Brand: Zenolix

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Zenolix UM02 Dual UHF Wireless Microphone System. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.



*The Zenolix UM02 Dual UHF Wireless Microphone System, including two microphones and the receiver.*

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*Video overview of the Zenolix Pro Wireless Microphone System, showcasing its features and components.*

## Package Contents

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

- 1 x UHF Wireless Receiver
- 2 x UHF Wireless Handheld Microphones
- 2 x Anti-slip Rings
- 1 x 6.35mm Audio Cable
- 1 x Charging Cable (for receiver power adapter)
- 1 x Power Adapter
- 2 x Antennas
- 1 x User Manual

# PACKAGE LIST



Visual representation of the Zenlix UM02 package contents.

## SETUP GUIDE

Follow these steps to set up your Zenlix UM02 Wireless Microphone System:

### 1. Connect the Receiver:

- Attach the two antennas to the corresponding ports on the back of the receiver.
- Connect the power adapter to the receiver's DC input and plug it into a wall outlet.
- Connect the 6.35mm audio cable from the receiver's output to the "MIC IN" input of your amplifier, PA speaker system, karaoke machine, or audio mixer. For professional setups, XLR outputs are also available.

### 2. Prepare the Microphones:

- Unscrew the bottom part of each handheld microphone and insert two AA batteries (not included), ensuring correct polarity.
- Replace the bottom cover.
- Optionally, place the anti-slip rings on the microphones for added grip and protection.

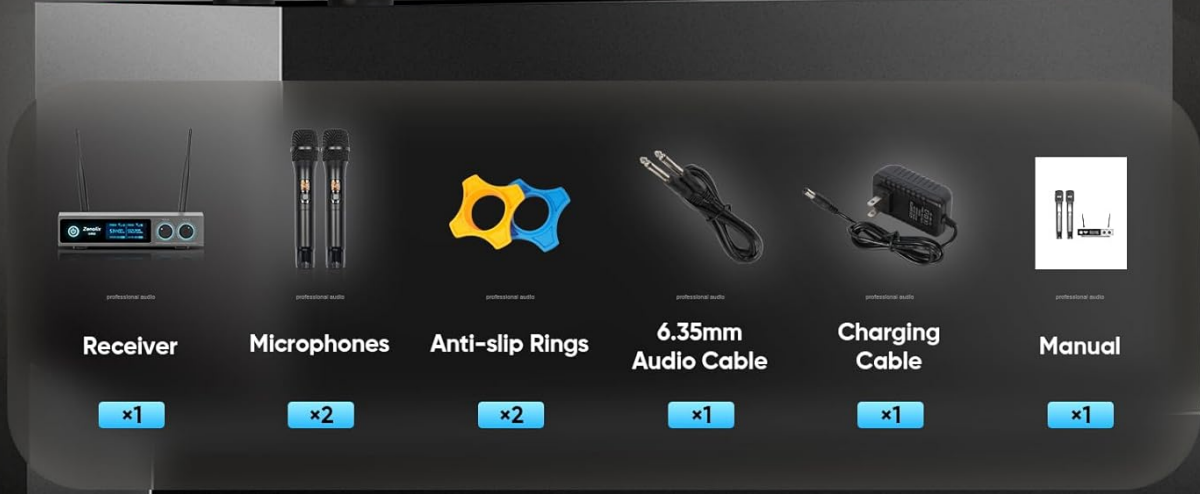
### 3. Power On and Pair:

- Press the power button on the receiver. The LCD display will illuminate.
- Turn on each handheld microphone using its power switch.
- The microphones and receiver will automatically pair via IR synchronization. The receiver's display will show the synchronized frequencies for each microphone (VOL A and VOL B).

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Video demonstrating the connection process for the Zenlix UM02 Wireless Microphone System, showing how to connect the receiver to power and an audio system, and how to activate the microphones.

# WHAT YOU GET IN THE BOX?



Visual guide for connecting the Zenolix UM02 system to an audio output device.

# Compatible with Multiple Media Devices

Suitable for equipment with 6.35mm (1/4") interface



*The Zenolix UM02 system is compatible with various audio devices, including speakers, amplifiers, and mixers.*

## OPERATING INSTRUCTIONS

### Microphone Usage

- **Power/Mute Switch:** Each microphone has a slide switch for On/Mute/Off. Slide to "On" to activate, "Mute" to temporarily silence, and "Off" to power down.
- **Battery Indicator:** The microphone's display shows the current battery level. Replace batteries when the indicator is low to avoid interruptions.
- **Cardioid Pickup:** The microphones feature a cardioid pickup pattern, which primarily captures sound from the front, reducing background noise. For best results, speak directly into the top of the microphone.

# UHF HANDHELD MICROPHONE



METAL DROP-PROOF  
MIC HEAD



REAL-TIME  
BATTERY INDICATOR  
MONITOR BATTERY STATUS ANYTIME



ON/MUTE  
OFF BUTTON

EACH MICROPHONE IS POWERED  
BY 2AA BATTERIES  
(AA BATTERY IS NOT INCLUDED)

*Key features of the Zenolix handheld microphone, including battery indicator and power switch.*

# PROFESSIONAL HIGH FIDELITY SOUND QUALITY

THE HIGH-SENSITIVITY CARDIOID CHIPS FEATURE EXCELLENT  
PERFORMANCE FOR LOSSLESS  
SOUND REPRODUCTION AND NOISE REDUCTION

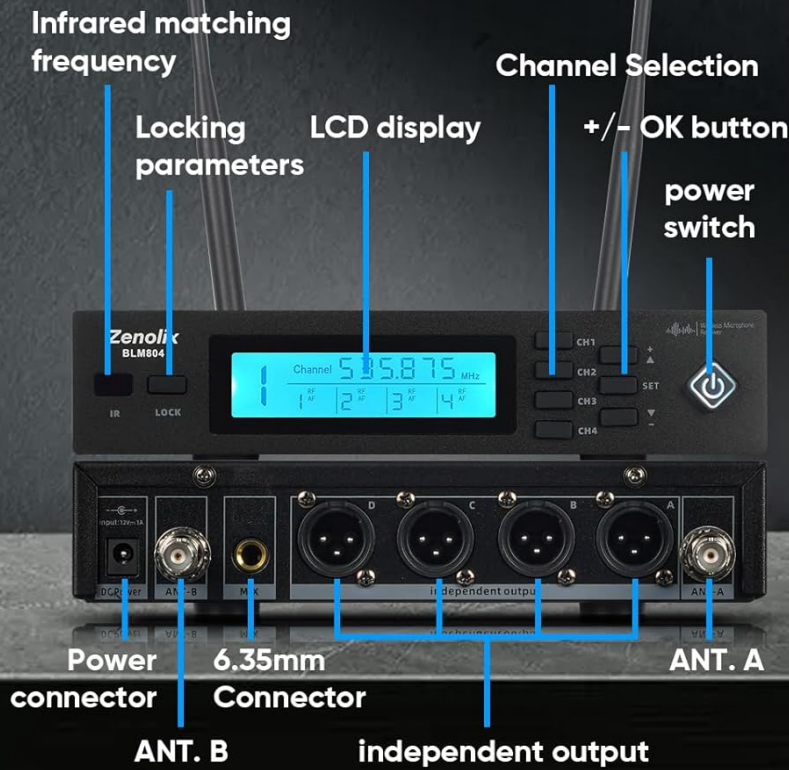


*The microphone's cardioid pickup pattern focuses on sound directly in front, minimizing ambient noise.*

## Receiver Controls

- **Power Button:** Located on the front panel, used to turn the receiver on or off.
- **LCD Display:** Shows current frequencies for Microphone A and B, signal strength, and battery status.
- **Volume Controls (VOL.A & VOL.B):** Separate rotary knobs to adjust the output volume for each microphone independently.
- **Channel Selection:** Use the +/- buttons to manually adjust frequencies if interference occurs, though automatic scanning is typically sufficient.

# UHF WIRELESS RECEIVER



**NOTE: NEED AMPLIFIER / SPEAKER TO OUTPUT THE SOUND**

**320HF**  
STABLE COVERAGE

**TUNABLE FREQUENCY**

**STURDY BUILD**

**CARDIOID PICK-UP**

The receiver unit features an LCD display for frequency and status, along with individual volume controls.

# WIDE-RANGE AUTOMATIC SCANNING

Precisely scan the RF environment/ Quickly locate the optimal frequency/  
Achieve automatic frequency binding in 3s.  
Thus providing excellent performance.



*The system features wide-range automatic scanning for optimal frequency selection.*

## Optimal Performance Tips

- Maintain a clear line of sight between the microphones and the receiver for best signal stability.
- Avoid placing the receiver near large metal objects or other wireless devices that may cause interference.
- Keep the microphones within the recommended operating range (up to 200 feet) for optimal performance.

## SUITABLE FOR MULTIPLE VENUES



HOME KARAOKE



WEDDING



MEETING



PUBLIC SPEAKING



PARTY

The Zenlix UM02 system is suitable for a variety of venues and events.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphones and receiver. Do not use liquid cleaners or abrasive materials.
- **Battery Care:** Remove batteries from the microphones if they will not be used for an extended period to prevent leakage.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphones.	<ul style="list-style-type: none"> <li>◦ Microphone or receiver not powered on.</li> <li>◦ Microphone batteries are low or dead.</li> <li>◦ Microphone is muted.</li> <li>◦ Receiver not connected correctly to audio system.</li> <li>◦ Volume levels are too low.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure both microphones and receiver are powered on.</li> <li>◦ Replace microphone batteries.</li> <li>◦ Check microphone mute switch.</li> <li>◦ Verify audio cable connection from receiver to amplifier/speaker.</li> <li>◦ Increase VOL.A/VOL.B on receiver and volume on your audio system.</li> </ul>
Intermittent sound or signal dropouts.	<ul style="list-style-type: none"> <li>◦ Microphones are out of range.</li> <li>◦ Interference from other wireless devices.</li> <li>◦ Obstructions between microphone and receiver.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Move closer to the receiver.</li> <li>◦ Relocate the receiver away from potential interference sources.</li> <li>◦ Ensure a clear line of sight between microphones and receiver.</li> </ul>

Problem	Possible Cause	Solution
Poor sound quality (distortion, static).	<ul style="list-style-type: none"> <li>◦ Incorrect volume levels (too high).</li> <li>◦ Interference.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Adjust volume levels on both the receiver and the audio system to avoid clipping.</li> <li>◦ Refer to solutions for intermittent sound/signal dropouts.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Brand	Zenolix
Model Name	UM02
Microphone Form Factor	Microphone System
Connectivity Technology	UHF Wireless
Polar Pattern	Unidirectional (Cardioid)
Frequency Response	60Hz - 15KHz
Frequency Range	520-579MHz
Audio Response	40-18000Hz
Sensitivity	-52±3dB
Impedance	600Ω±30%
Number of Channels	Dual Channel
Operating Range	Up to 200 feet (60 meters)
Power Source	Battery Powered (Microphones: 2x AA per mic)
Material	Metal (Microphones and Receiver)
Compatible Devices	Audio Interface, Audio Mixer, Amplifier, Karaoke Machine, Speaker
Special Features	Volume Control, Mute Function, Auto Scan, IR Synchronization
Item Weight	1.65 Kilograms (3.63 pounds)
Package Dimensions	16.3 x 11.61 x 2.52 inches



## Zenolix Product Specifications

Frequency Response	60Hz-15KHz
Frequency Range	520-579MHz
Audio Response	40-18000HZ
Sensitivity	-52±3dB
Impedance	600Ω±30%
Frequency Adjustment	✓
Volume Adjustment	✓

*Detailed technical specifications for the Zenolix UM02 system.*

## WARRANTY AND SUPPORT

The Zenolix UM02 Wireless Microphone System comes with a **1-year warranty**. For any troubleshooting assistance, replacement parts, or customer service inquiries, please contact Zenolix support directly. You can visit the official Zenolix store on Amazon for more information: [Zenolix Store](#)