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MIZISNR UG-240

MIZISNR UG-240 4 Channel Wireless Lapel Microphone System User Manual

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MIZISNR UG-240 4 Channel Wireless Lapel Microphone System. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Figure 1: MIZISNR UG-240 4 Channel Wireless Lapel Microphone System

2. PACKAGE CONTENTS

Carefully unpack the box and ensure all items listed below are present and in good condition. If any items are missing or damaged, please contact customer support.

- 1 x Receiver (UG-240)
- 4 x Bodypack Transmitters
- 4 x Headset Microphones
- 4 x Lavalier Microphones
- 1 x Power Adapter
- 1 x 6.35mm Audio Cable

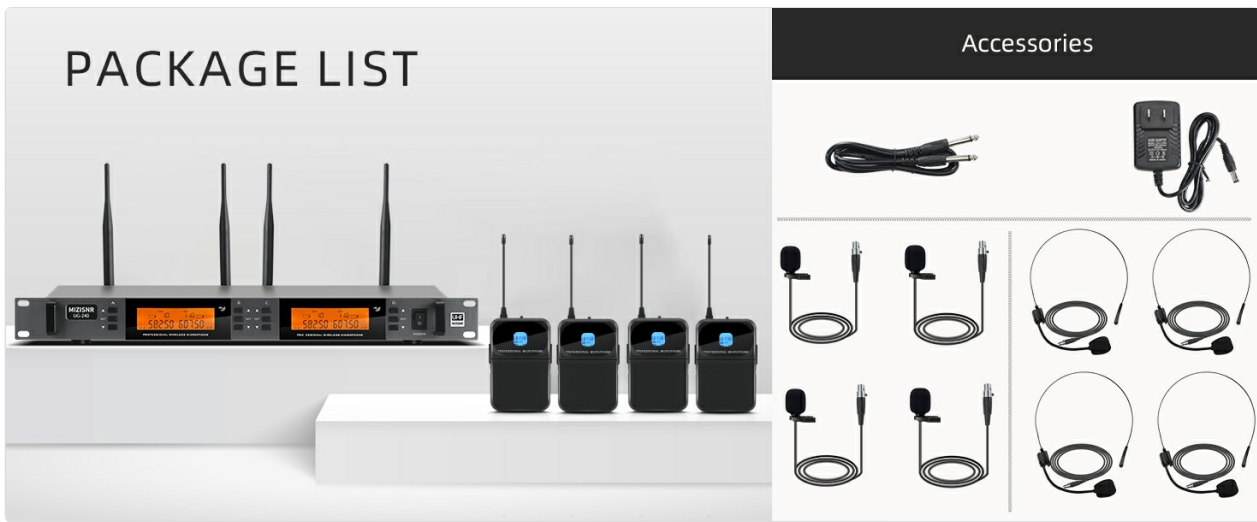


Figure 2: Package List

3. PRODUCT OVERVIEW

3.1 Receiver (UG-240)

The receiver unit processes the wireless signals from the bodypack transmitters and outputs the audio. It features a robust metal chassis for durability and includes multiple antennas for stable signal reception.

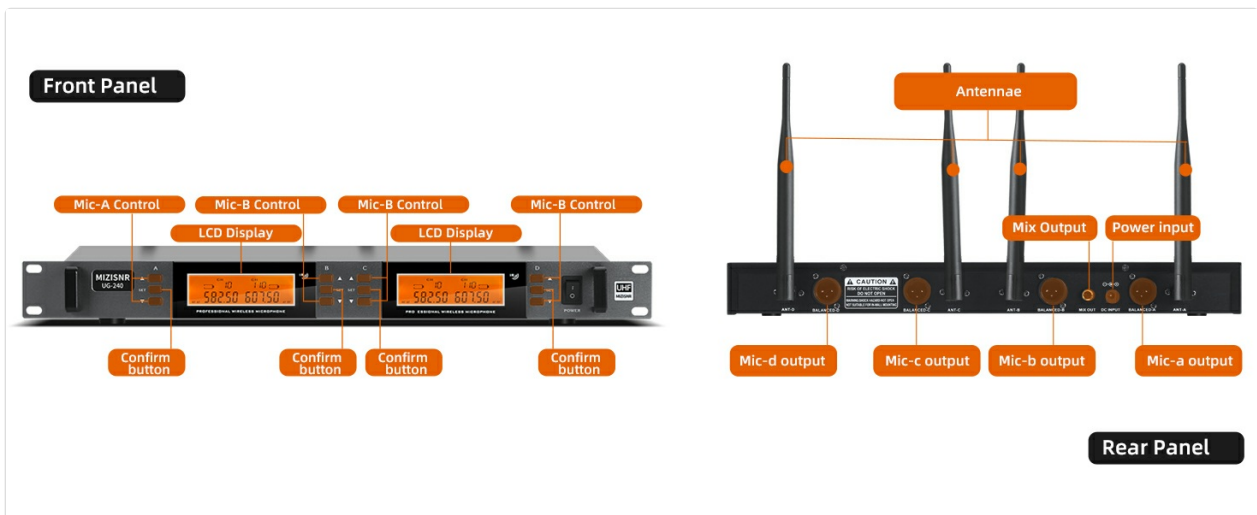


Figure 3: Receiver Front and Rear Panels

3.2 Bodypack Transmitters

Each bodypack transmitter is designed for hands-free operation, connecting to either a lavalier or headset microphone. They are powered by AA batteries and feature an LED display for frequency and battery status.



Figure 4: Bodypack Transmitter Details

4. SETUP INSTRUCTIONS

4.1 Installing Batteries in Bodypack Transmitters

1. Open the battery compartment on each bodypack transmitter.
2. Insert 2 AA batteries into each bodypack, ensuring correct polarity (+/-).

3. Close the battery compartment securely.

4.2 Connecting the Receiver

1. Connect the included power adapter to the receiver's 'Power Input' port and then to a wall outlet.
2. Attach the four antennas to the corresponding antenna ports on the rear of the receiver.
3. Connect the receiver's audio output (either the 6.35mm Mix Output or individual XLR outputs) to your audio mixer, amplifier, or PA system.

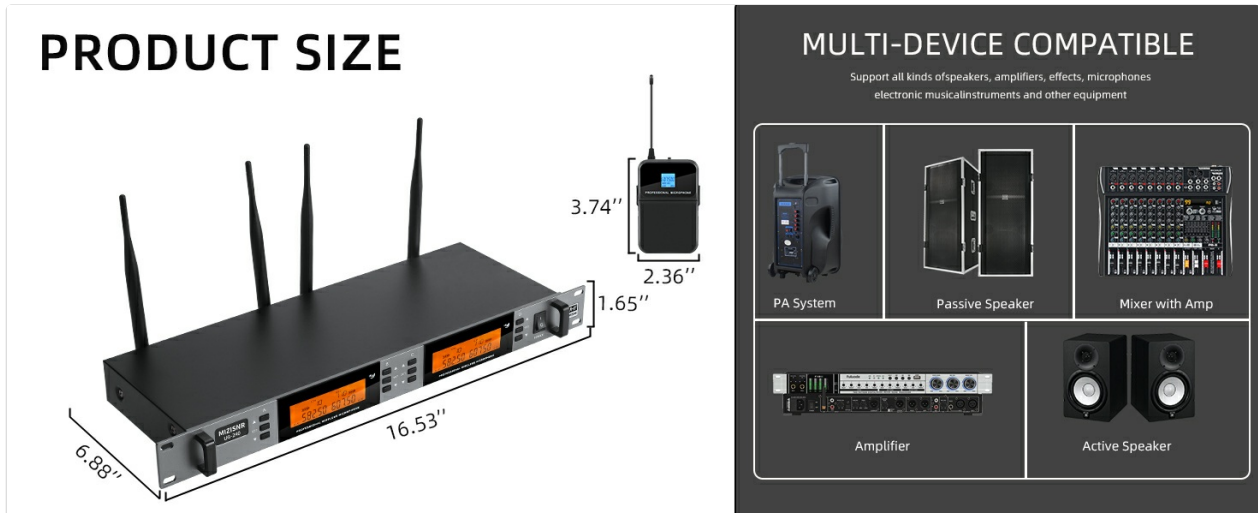


Figure 5: Wide Compatibility with Audio Systems

4.3 Powering On and Automatic Frequency Scan (IR Sync)

1. Turn on the receiver using the power button on the front panel.
2. Turn on each bodypack transmitter.
3. To initiate an auto-scan for available frequencies, long-press the 'SET' button on the receiver for approximately 2 seconds. The receiver will scan and display an available frequency.
4. Once the 'IR' prompt appears on the receiver's display, vertically aim the IR window of a bodypack transmitter towards the IR window on the receiver. The receiver and transmitter will synchronize, and the display on both units will show the same channel and frequency.
5. Repeat the IR synchronization process for each bodypack transmitter.

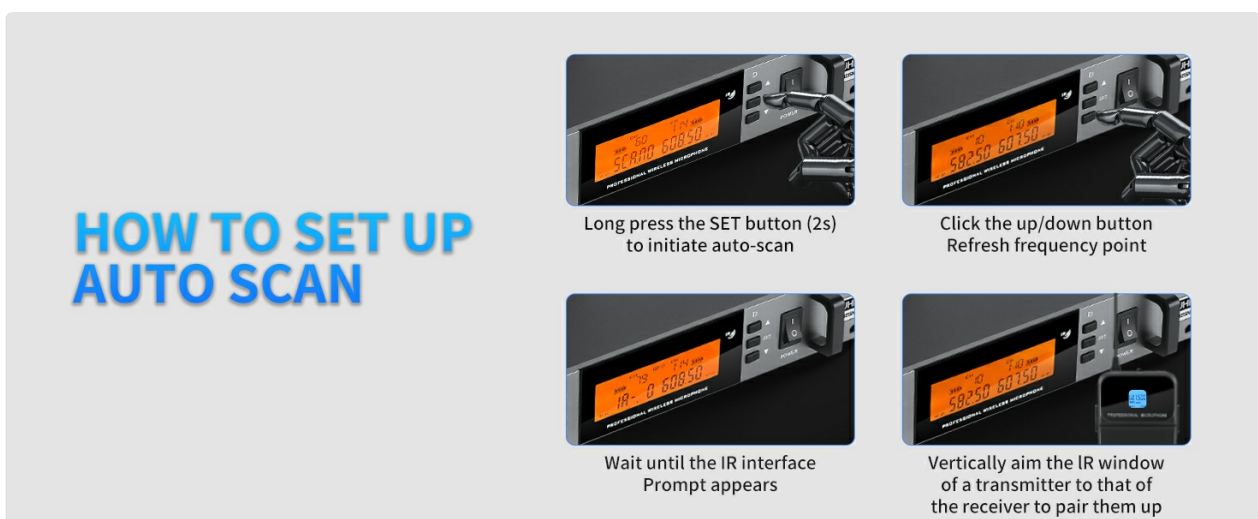


Figure 6: Auto Scan and IR Pairing Process

5. OPERATING INSTRUCTIONS

5.1 Using the Microphones

Connect either a lavalier microphone or a headset microphone to the 3-pin mini XLR jack on each bodypack transmitter. Ensure the connection is secure.

5.2 Adjusting Volume

The receiver features individual volume controls for each microphone channel. Adjust these knobs to achieve the desired audio level. Further volume adjustments can be made on your connected audio mixer or amplifier.

5.3 Screen Lock Function

The receiver includes a screen lock function to prevent accidental changes to settings during operation. Refer to the receiver's display for instructions on activating and deactivating this feature.

5.4 Multi-set Operation

The UG-240 system offers 100 adjustable frequency options per microphone, allowing multiple sets to be used simultaneously without interference. Utilize the auto-scan feature to find clear frequencies for each system when operating multiple units.

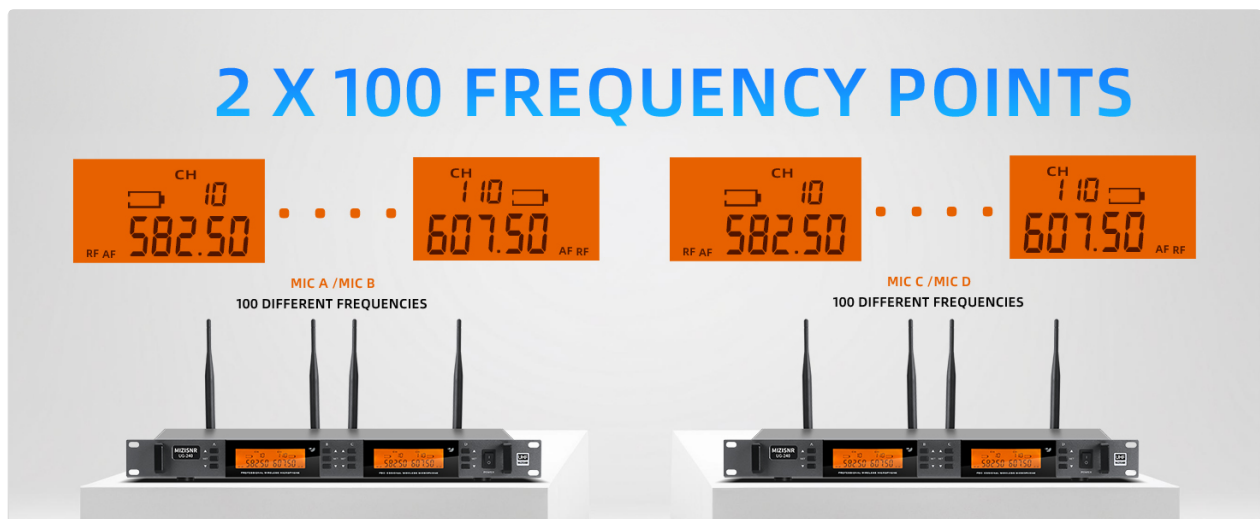


Figure 7: 2x100 Frequency Points and Multi-set Operation

6. MAINTENANCE

6.1 Cleaning

Wipe the receiver and bodypack transmitters with a soft, dry cloth. Do not use liquid cleaners or solvents, as these may damage the finish or internal components.

6.2 Battery Care

Remove batteries from the bodypack transmitters if the system will not be used for an extended period to prevent leakage and damage. Use high-quality AA batteries for optimal performance.

6.3 Storage

Store the system in a cool, dry place away from direct sunlight and extreme temperatures. Keep components in their original packaging or a protective case when not in use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"> Receiver not powered on Transmitter not powered on Microphone not connected to bodypack Volume too low Incorrect frequency pairing Audio cable disconnected 	<ul style="list-style-type: none"> Ensure receiver is powered on. Ensure bodypack transmitter is powered on. Check microphone connection to bodypack. Increase receiver and mixer/amplifier volume. Perform IR sync again to pair frequencies. Verify audio cable connection.
Interference or static	<ul style="list-style-type: none"> Nearby electronic devices Other wireless systems Low battery in transmitter Obstructions between transmitter and receiver 	<ul style="list-style-type: none"> Move away from potential interference sources. Perform auto-scan to find a clear frequency. Replace transmitter batteries. Ensure clear line of sight between transmitter and receiver.
Short operating range	<ul style="list-style-type: none"> Low battery in transmitter Antennas not properly positioned Excessive obstructions 	<ul style="list-style-type: none"> Replace transmitter batteries. Ensure receiver antennas are fully extended and positioned vertically. Minimize obstructions between transmitter and receiver.
Bodypack display is dim or off	<ul style="list-style-type: none"> Low battery Power switch off 	<ul style="list-style-type: none"> Replace batteries. Ensure power switch is in the 'ON' position.

8. SPECIFICATIONS

- **Model:** UG-240
- **Microphone Form Factor:** Microphone System (4 Bodypack Transmitters)
- **Number of Channels:** 4
- **Adjustable Frequencies:** 100 per mic (4x100)
- **Connectivity Technology:** UHF, XLR
- **Connector Type:** 6.35 mm Jack, XLR
- **Operation Range:** Up to 300 feet (91 meters)
- **Material:** Metal (Receiver)
- **Power Source (Bodypack):** 2 x AA batteries (per bodypack)
- **Polar Pattern:** Unidirectional (Cardioid)
- **Receiver Dimensions (L x W x H):** 16.53 x 6.88 x 1.65 inches
- **Item Weight:** 5.54 pounds
- **Compatible Devices:** Amplifier, Audio Interface, Audio Mixer, PA System

9. WARRANTY AND SUPPORT

MIZISNR provides reliable after-sales support for this product. If you have any questions, concerns, or require assistance with your UG-240 Wireless Lapel Microphone System, please do not hesitate to contact our customer service team. We are committed to providing satisfactory solutions within 24 hours. Please refer to your purchase documentation for specific warranty terms and contact information.