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› MUSYSIC MU-U2-LL 2-Channel Wireless UHF Microphone System User Manual

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Model: MU-U2-LL

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MUSYSIC MU-U2-LL 2-Channel Wireless UHF Microphone System. This system is designed for reliable audio transmission with two discrete UHF channels, offering flexibility for various applications.

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 2-Channel UHF Receiver
- 2 x Bodypack Transmitters
- 2 x Lapel Microphones
- 2 x Headset Microphones
- 1 x Power Adapter for Receiver
- 1 x 1/4" Audio Cable
- 4 x AA Batteries (for transmitters)

The MUSYSIC logo is displayed in white, bold, sans-serif capital letters on a dark green background. A registered trademark symbol (®) is located at the top right of the letter 'C'. The background features a diagonal split with black on the left and right sides, and a subtle light gradient in the center.

MUSYSIC[®]

FEATURES

- **2-Channel UHF Receiver:** Operates with two discrete UHF channels for simultaneous use of two microphones.
- **Fixed Frequency Design:** Ensures stable and consistent performance.
- **Individual Volume Controls:** Each channel on the receiver has its own volume control.
- **Multiple Outputs:** Features two 1/4" individual outputs and a single 1/4" or XLR mix output for versatile connectivity.
- **Extended Range:** Provides a wireless operating range of up to 300 feet (100 meters).
- **Long Battery Life:** Microphones offer up to 12 hours of battery life using AA batteries.
- **19" Rack Mountable:** Receiver can be installed in a standard 19-inch equipment rack.

NOTICE FOR IMPROVED USAGE



No operation with same frequencies



No Bluetooth function



No individual electronic devices



Prevent feedback.

Image: Speaker using a wireless bodypack microphone, demonstrating extended range.

UNLEASH YOUR VOICE

Crystal Clear Wireless Audio for
Every Conference and Lecture!



Image: Man using a lapel microphone in a car, indicating long battery life.

SETUP GUIDE

1. **Receiver Placement:** Place the UHF receiver in a central location, away from large metal objects and other electronic devices that may cause interference. Ensure the antennas are fully extended and positioned vertically for optimal signal reception.
2. **Power Connection:** Connect the provided power adapter to the DC input on the rear of the receiver and plug it into a suitable power outlet.
3. **Audio Output Connection:** Connect the receiver to your audio mixer, amplifier, or PA system using either the individual 1/4" outputs (for separate channel control) or the mixed 1/4" or XLR output (for a combined signal).
4. **Transmitter Battery Installation:** Open the battery compartment on each bodypack transmitter. Insert two AA batteries, ensuring correct polarity. Close the compartment securely.
5. **Microphone Connection:** Connect either a lapel microphone or a headset microphone to the bodypack transmitter's input jack. Ensure the connection is firm.
6. **Power On:** Power on the receiver and then each bodypack transmitter. The receiver's display should show the active frequencies and signal strength indicators.

Brand STORY

Founded in 2010, MUSYSIC makes high-quality DJ and audio gear affordable for everyone. Our team of musicians and audio fans offers top-notch speakers, mixers, microphones, and DJ controllers, all rigorously tested for quality. We believe every musician deserves to sound great without spending a fortune. Join us and experience professional sound at a fraction of the cost.

Image: Rear view of the MUSYSIC 2-Channel UHF Wireless Receiver with input/output ports.

Package List

The MUSYSIC MU-U2L 2-channel lapel/lavalier & headset wireless microphone system means that your days of passing the mic are over. Putting this system in your rig is an awesome way to get up to 2 wireless mics going simultaneously on 2 discrete UHF channels, anywhere and anytime.



2 LAPEL MICROPHONES



2 HEADSET MICROPHONES



2 BODYPACK TRANSMITTERS

Image: MUSYSIC bodypack transmitter with lapel and headset microphone options.

OPERATING INSTRUCTIONS

1. **Volume Adjustment:** Use the individual volume control knobs on the receiver to adjust the output level for each microphone channel. Start with a low volume and gradually increase it to avoid feedback.
2. **Microphone Usage:** For lapel microphones, clip them approximately 6-8 inches below your chin for optimal sound capture. For headset microphones, position the microphone element near the corner of your mouth.
3. **Monitoring:** Monitor the audio output through your connected sound system to ensure clear sound and proper levels.
4. **Power Off:** After use, power off the bodypack transmitters first, then the receiver. This helps prevent sudden audio pops.



10mW

RF Output

Condenser

Microphone

50 uS

Pre-Emphasis

330g

Weight

DESIGNED FOR DURABILITY

GETTING AWAY FROM CABLES IS LIBERATING. AND A WIRELESS MICROPHONE FEELS GREAT IN ANY SITUATION.



Image: Woman speaking into a headset microphone, illustrating clear audio quality.

IMPORTANT USAGE NOTES

To ensure optimal performance and longevity of your wireless microphone system, please observe the following:

- **Frequency Management:** Do not operate multiple wireless systems on the same frequencies simultaneously, as this will cause interference. This system uses fixed frequencies.
- **No Bluetooth Function:** This system does not include Bluetooth connectivity.
- **Electronic Device Interference:** Avoid placing individual electronic devices too close to the receiver or transmitters, as they can cause signal disruption.
- **Prevent Feedback:** Position microphones away from speakers and adjust volume levels carefully to prevent audio feedback.



Image: Visual guide illustrating important usage notes for the microphone system, including avoiding same frequencies, no Bluetooth, avoiding electronic device interference, and preventing feedback.

SPECIFICATIONS

Feature	Specification
Microphone Form Factor	Microphone System (Bodypack with Lapel/Headset)
Item Dimensions (L x W x H)	19 x 10 x 3 inches
Power Source	Battery Powered (Transmitters), AC Adapter (Receiver)

Number of Batteries (Transmitters)	4 AA batteries required (2 per transmitter)
Hardware Platform	Karaoke Machine (Compatible)
Number of Channels	2
Item Weight	7 pounds
Item Model Number	MU-U2-LL
Recommended Uses	Karaoke, Singing, Church, DJ, Business Conferences, Outdoor Events
Connectivity Technology	XLR, 1/4" Jack
Special Feature	Wireless, XLR Output
Polar Pattern	Omnidirectional
Operating Range	300 feet (100 meters)
Available Frequencies (Example Sets)	(Set 1: 513.1MHz, 520.4MHz), (Set 2: 515.7MHz, 530.6MHz), etc.

TROUBLESHOOTING

- **No Sound:**
 - Ensure the receiver is powered on and connected to your audio system.
 - Check if the bodypack transmitters are powered on and have fresh batteries.
 - Verify that the microphones are securely connected to the bodypacks.
 - Confirm that the volume controls on both the receiver and your audio system are turned up.
- **Poor Sound Quality/Interference:**
 - Ensure the receiver antennas are fully extended and unobstructed.
 - Move the receiver away from other electronic devices (computers, Wi-Fi routers, etc.) that may cause interference.
 - Check for other wireless devices operating on similar frequencies in the vicinity.
 - Ensure you are within the recommended operating range of 300 feet.
- **Feedback (High-pitched squeal):**
 - Reduce the volume on the receiver or your audio system.
 - Reposition the microphones further away from speakers.
 - Adjust the microphone's position relative to the sound source.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the receiver and transmitters. Do not use liquid cleaners or solvents.
- **Battery Care:** Remove batteries from transmitters if the system 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.
- **Cable Inspection:** Periodically check all cables for signs of wear or damage. Replace damaged cables

immediately.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official MUSYSIC website. Keep your proof of purchase for any warranty claims.

PRODUCT VIDEO

Your browser does not support the video tag.

Video: Official product video demonstrating the features and use cases of the MUSYSIC 2-Channel Wireless UHF Microphone System.

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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.

Submit question

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