

Pyle PDWMU214

Pyle Dual UHF Wireless Microphone System PDWMU214 User Manual

Model: PDWMU214

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Pyle Dual UHF Wireless Microphone System, model PDWMU214. This system is designed to deliver clear, distortion-free audio transmission for various applications, including karaoke, live performances, and public address systems. It features advanced UHF technology, selectable frequencies, and a user-friendly design for reliable performance.



Image 1.1: Overview of the Pyle PDWMU214 Dual UHF Wireless Microphone System, showing two handheld microphones, the receiver, and included cables.

2. PACKAGE CONTENTS

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

- (2) Handheld UHF Wireless Microphones
- (1) UHF Wireless Receiver
- (1) USB Power Cable
- (1) 1/4" to 1/8" Adapter
- (2) Blue Windscreens
- (2) Fingerguards (Anti-Skid Rings)
- (2) 'AA' Batteries (for microphones)
- (2) 'AAA' Batteries (for receiver)

- (1) Convenient Carry Case (may vary by package)



Image 2.1: Visual representation of the items included in the Pyle PDWMU214 system package, including microphones, receiver, cables, and accessories within a carry case.

3. PRODUCT OVERVIEW

3.1 Handheld Microphone Features

- **Durable Mesh Grill:** Protects the microphone capsule.
- **Foam Wind Screen:** Reduces plosives and wind noise.
- **Microphone Core:** High-quality dynamic capsule for clear vocal reproduction.
- **LCD Digital Display:** Shows current frequency channel and battery status.
- **Power ON/OFF Switch:** Controls microphone power.
- **Battery Compartment:** Houses two 'AA' batteries.
- **Unidirectional (Cardioid) Pickup Pattern:** Focuses on sound from the front, minimizing background noise.

Wireless Handheld Microphone System

Simple & Hassle-Free Operation



Image 3.1: Detailed view of the handheld microphone, highlighting its internal components like the mic grilles, foam wind screen, microphone core, and LCD display.

3.2 UHF Wireless Receiver Features

- **1/4" (6.3mm) Jack:** Standard audio output for connecting to amplifiers, mixers, or PA systems.
- **Integrated Antenna:** For stable wireless signal reception.
- **USB Power Input:** Allows the receiver to be powered via USB cable.
- **Battery Compartment:** Houses two 'AAA' batteries for portable use.
- **LED Indicator Lights:** Provide status feedback (e.g., power, signal).

Support Multiple Multimedia Devices

Easy Plug-and-Play Audio



Image 3.2: Illustration of the receiver connected to various audio devices such as amplifiers, PA systems, and mixers, demonstrating its versatility.

4. SETUP

1. Install Batteries in Microphones:

Unscrew the bottom part of each microphone to reveal the battery compartment. Insert two 'AA' batteries into each microphone, ensuring correct polarity (+/-). Screw the bottom part back on securely.

Battery Operated Design

Microphone, Requires (2) 'AA' Batteries
Receiver, Requires (2) 'AAA' Batteries



Image 4.1: Guide for installing 'AA' batteries into the handheld microphone, showing the battery compartment and correct battery orientation.

2. Install Batteries in Receiver (Optional for portable use):

If using the receiver without USB power, open its battery compartment and insert two 'AAA' batteries, observing correct polarity. For continuous use or when a USB power source is available, connect the receiver using the provided USB power cable.

3. Connect the Receiver:

Plug the 1/4" (6.3mm) jack of the receiver directly into the microphone input of your amplifier, mixer, PA system, or other compatible audio device. If your device has a 1/8" (3.5mm) input, use the included 1/4" to 1/8" adapter.

4. Power On:

Turn on your audio device. Then, press the power button on each microphone and on the receiver. The LCD display on the microphones should illuminate, indicating they are powered on and searching for a signal.

5. OPERATION

1. Automatic Pairing:

The microphones and receiver are designed for automatic pairing. Once both are powered on, they should connect automatically. A stable connection is indicated by a specific LED on the receiver and a clear channel display on the microphone LCD.

2. **Selecting Frequency Channels:**

The system offers 32 selectable UHF frequency channels to avoid interference. To change the channel on a microphone, briefly press the power button. The channel number on the LCD display will change. Ensure both microphones are on different channels if used simultaneously to prevent signal conflict.



Image 5.1: Close-up of the microphone's LCD display showing the channel selection feature, indicating the ability to switch between 32 available frequencies.

3. **Optimal Operating Range:**

The system provides an operation range of up to 165 feet (50 meters) in open areas. For best performance, maintain a clear line of sight between the microphones and the receiver. Obstacles like walls or large metal objects can reduce the effective range.



Image 5.2: Diagram illustrating the 165-foot wireless transmission range between the microphone and receiver, emphasizing freedom of movement.

4. **Using Accessories:**

Attach the blue windscreens to the microphone heads to reduce breath sounds and environmental noise. Place the fingerguards (anti-skid rings) on the microphone body to prevent rolling on flat surfaces and provide a secure grip.

6. **TROUBLESHOOTING**

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound output.	<p>Microphone or receiver not powered on.</p> <p>Low batteries.</p> <p>Receiver not connected correctly to audio device.</p> <p>Audio device input volume too low.</p> <p>Microphone and receiver not paired or on different channels.</p>	<p>Ensure all devices are powered on.</p> <p>Replace batteries in microphones and receiver.</p> <p>Check 1/4" connection to audio device.</p> <p>Increase volume on your amplifier/mixer.</p> <p>Power cycle both microphone and receiver to re-establish pairing.</p> <p>Ensure they are on compatible channels.</p>
Interference or static.	<p>Other wireless devices operating on similar frequencies.</p> <p>Obstacles blocking signal.</p> <p>Operating beyond effective range.</p>	<p>Change the operating channel on the microphone (briefly press power button).</p> <p>Ensure clear line of sight between microphone and receiver.</p> <p>Reduce distance between microphone and receiver.</p>
Microphone cuts out intermittently.	<p>Low battery power.</p> <p>Exceeding operating range.</p> <p>Strong interference.</p>	<p>Replace batteries.</p> <p>Move closer to the receiver.</p> <p>Change frequency channel.</p>

7. SPECIFICATIONS

- **Model:** PDWMU214
- **Connectivity Technology:** UHF, USB
- **Microphone Form Factor:** Handheld
- **Polar Pattern:** Unidirectional (Cardioid)
- **Number of Channels:** 32 Selectable UHF Channels
- **Operating Range:** Up to 165+ ft. (50+ meters)
- **Audio Sensitivity:** 100 dB
- **Signal-to-Noise Ratio:** 95 dB
- **Microphone Power Source:** 2 x 'AA' Batteries (each mic)
- **Receiver Power Source:** 2 x 'AAA' Batteries or USB Power Cable
- **Connector Type:** 1/4" (6.35mm) Jack
- **Compatible Devices:** Amplifier, Audio Interface, Audio Mixer, PA System, Karaoke Machine, Laptop, PC, Smartphone (with appropriate adapters)
- **Item Weight:** Approximately 3.43 lbs (total package)
- **Microphone Dimensions (L x D):** 9.8" x 1.5"

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphones and receiver. Do not use liquid cleaners or solvents.
- **Battery Care:** Remove batteries from microphones and receiver if the system will not be used for an extended period to prevent leakage.
- **Storage:** Store the system in its protective carry case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Windscreens and Fingerguards:** Regularly clean or replace windscreens as needed. Ensure fingerguards are properly seated to prevent microphones from rolling.



Image 8.1: The convenient carry case for the Pyle PDWMU214 system, demonstrating proper storage and protection for the microphones and accessories.

9. WARRANTY AND SUPPORT

Pyle products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your purchase or visit the official Pyle website. If you encounter any issues not covered in this manual or require technical assistance, please contact Pyle customer support.




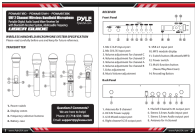
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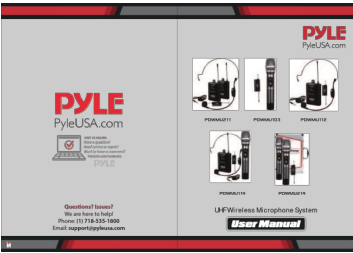
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Related Documents - PDWMU214

	<p>PYLE UHF Wireless Microphone Systems - User Manual & Specifications</p> <p>Comprehensive user manual and technical specifications for PYLE UHF Wireless Microphone Systems, including models PDWMU211, PDWMU103, PDWMU112, PDWMU114, and PDWMU214. Learn about features, operation, and setup.</p>
	<p>Pyle UHF Wireless Microphone Systems User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for Pyle UHF Wireless Microphone Systems, including models PDWMU211, PDWMU103, PDWMU112, PDWMU114, and PDWMU214. Covers features, operation, and detailed specs for reliable audio transmission.</p>

	<p>Pyle PDWM2232 Wireless UHF Mic System User Guide</p> <p>User guide for the Pyle PDWM2232 Wireless UHF Dual Channel Microphone System, detailing system features, handheld microphone parts and operation, receiver operation, and specifications. Includes safety precautions and contact information.</p>
	<p>Pyle PDWM2122 & PDWM2125 UHF Wireless Microphone System User Manual</p> <p>Comprehensive user manual for the Pyle PDWM2122 and PDWM2125 Home & Office UHF Wireless Microphone Systems, detailing features, connections, and technical specifications for both beltback and handheld models.</p>
	<p>Pyle UHF Wireless Microphone Systems - User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for Pyle UHF Wireless Microphone Systems, including models PDWMU211, PDWMU103, PDWMU112, PDWMU114, and PDWMU214. Learn about features, operation, and system requirements.</p>
	<p>Pyle PDWM811RD/PDWM812WH/PDWM813BK UHF Wireless Microphone System User Guide</p> <p>Comprehensive user guide for the Pyle PDWM811RD, PDWM812WH, and PDWM813BK UHF 2 Channel Wireless Handheld Microphone Systems with Bluetooth. Includes setup, operation, features, and technical specifications.</p>

Documents - Pyle – PDWMU214

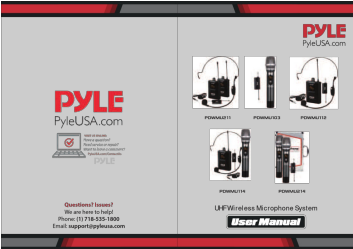


[Pyle UHF Wireless Microphone Systems - User Manual and Specifications](#)

Comprehensive user manual and technical specifications for Pyle UHF Wireless Microphone Systems, including models PDWMU211, PDWMU103, PDWMU112, PDWMU114, and PDWMU214. Learn about features, operation, and system requirements.

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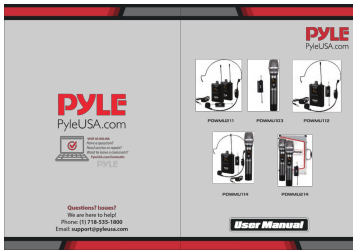
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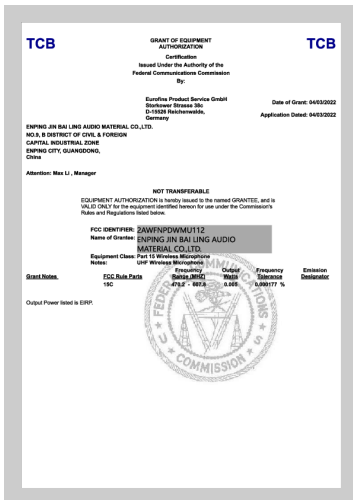
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