

Pyle PDWM8325

Pyle PDWM8325 8 Channel UHF Wireless Microphone System Instruction Manual

Model: PDWM8325

1. INTRODUCTION

The Pyle PDWM8325 is an 8-channel UHF wireless microphone system designed for professional audio applications. This system provides clear, reliable wireless audio transmission for up to eight microphones simultaneously, making it suitable for live performances, presentations, studio productions, and karaoke. The rack-mountable receiver features independent volume controls for each channel, digital LCD displays, and versatile audio output options.

2. PACKAGE CONTENTS

Please inspect the package carefully to ensure all items are present and in good condition.

Compatible with Multiple Devices



PA System



Amplifier



Mixer



Karaoke

Figure 1: Contents of the Pyle PDWM8325 package. This image displays the main receiver unit, eight handheld wireless microphones, four detachable antennas, a 1/4 inch audio connection cable, a wall power adapter, and AA batteries for the microphones.

- Microphone Receiver Base (1 unit)
- Handheld Microphones (8 units)
- 1/4 inch Audio Connection Cable (1 unit)
- Wall Power Adapter (1 unit)
- AA Batteries (16 units, 2 per microphone)
- Telescoping Receiver Antennas (4 units)

3. PRODUCT OVERVIEW

3.1 Receiver Unit

The receiver unit is the central component of the wireless system, designed to receive signals from all eight microphones. It features a rack-mountable design for integration into existing audio setups.

What's in the Box



Figure 2: Front and rear panels of the receiver. The front panel includes digital LCD displays for each channel's frequency, power switch, and wireless netting indicator. The rear panel features antenna connectors, individual channel volume controls, 1/4 inch mixed output, XLR balanced output, and the DC power input.

Front Panel Features:

- **Digital LCD Displays:** Show the operating frequency for each of the 8 channels.
- **Power Switch:** Turns the receiver unit on or off.
- **Wireless Netting Indicator:** Indicates wireless signal status.

Rear Panel Features:

- **Antenna Connectors:** For attaching the included telescoping antennas.
- **Individual Channel Volume Controls:** Rotary knobs to adjust the output level for each microphone channel independently.
- **1/4 inch Mix Output Jack:** Unbalanced audio output for connecting to mixers or amplifiers.
- **XLR Balanced Output Jack:** Professional balanced audio output for connecting to mixers or audio interfaces.

- **DC Input:** For connecting the wall power adapter.

3.2 Handheld Microphones

The system includes eight handheld wireless microphones, each designed for comfortable use and reliable performance.



Figure 3: The complete Pyle PDWM8325 system, featuring the receiver and eight handheld microphones. Each microphone has an on/off switch and operates on UHF frequency.

- **Power Switch:** Located on the microphone body to turn the microphone on or off.
- **Battery Compartment:** Located at the base of the microphone for two AA batteries.
- **UHF Frequency:** Each microphone operates on a fixed UHF frequency, corresponding to one of the receiver's channels.

4. SETUP INSTRUCTIONS

Follow these steps to set up your Pyle PDWM8325 wireless microphone system.

4.1 Receiver Placement

1. Place the receiver unit in a stable location, preferably within a standard audio equipment rack. Ensure adequate ventilation around the unit.

2. Keep the receiver away from strong electromagnetic interference sources (e.g., computers, motors, large metal objects) to prevent signal disruption.

4.2 Antenna Connection

1. Screw the four telescoping antennas securely into the antenna connectors on the rear panel of the receiver.
2. Adjust the antennas to an upright position for optimal signal reception.

4.3 Power Connection

1. Connect the included wall power adapter to the DC input jack on the rear of the receiver.
2. Plug the power adapter into a suitable electrical outlet.

4.4 Audio Output Connection

Connect the receiver to your audio mixer, amplifier, or PA system using one of the following methods:



Figure 4: A hand connecting a 1/4 inch audio cable to the receiver's mixed output jack. The image also shows the power switch on the front panel and the XLR balanced output jack on the rear.

1. **1/4 inch Mix Output:** Use the supplied 1/4 inch audio cable to connect the receiver's 'AUDIO MIX OUT'

jack to an available input on your mixer or amplifier. This output combines all 8 microphone signals into a single mono output.

2. **XLR Balanced Output:** For professional connections, use an XLR cable (not included) to connect the receiver's 'BALANCED' XLR output to a balanced input on your mixer or audio interface. This also provides a combined output of all channels.

4.5 Microphone Battery Installation

1. Unscrew the bottom cap of each handheld microphone to reveal the battery compartment.
2. Insert two AA batteries (included) into each microphone, ensuring correct polarity (+/-).
3. Screw the bottom cap back on securely.

5. OPERATING INSTRUCTIONS

Once the system is set up, follow these steps for operation.

5.1 Powering On the System

1. Turn on your audio mixer or amplifier first, ensuring its volume is set to a low level.
2. Press the 'POWER' button on the front panel of the receiver unit. The LCD displays should illuminate, showing the operating frequencies.
3. Slide the power switch on each microphone to the 'ON' position. The microphone's indicator light should illuminate.

5.2 Adjusting Volume

1. Use the individual volume control knobs on the rear of the receiver to adjust the output level for each microphone channel.
2. Gradually increase the master volume on your mixer or amplifier to the desired listening level.
3. Speak into each microphone to test its sound and adjust the individual channel volume as needed.

5.3 Microphone Usage



Figure 5: A user holding and speaking into a Pyle handheld wireless microphone. For optimal sound, hold the microphone approximately 2-6 inches from your mouth.

1. Hold the microphone approximately 2-6 inches from your mouth for optimal sound pickup.
2. Avoid covering the microphone grille with your hand, as this can affect sound quality and signal reception.

5.4 Operating Range

The Pyle PDWM8325 system offers an extended operating range under ideal conditions.

Ultra Long Distance Connection



Figure 6: Visual representation of the system's wireless range, indicating an ultra-long distance connection of up to 600 feet between the microphone and the receiver.

1. The system has an operation range of up to 600+ feet in open, unobstructed environments.
2. Walls, metal structures, and other wireless devices can reduce the effective operating range. Maintain a clear line of sight between the microphones and the receiver whenever possible.

5.5 Powering Off the System

1. Turn off each handheld microphone by sliding its power switch to the 'OFF' position.
2. Press the 'POWER' button on the receiver unit to turn it off.
3. Turn off your audio mixer or amplifier.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your wireless microphone system.

- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Do not use liquid cleaners or solvents, as they may damage the finish or internal components.
- **Battery Replacement:** Replace microphone batteries when the indicator light dims or audio quality degrades. Always use fresh AA batteries. Remove batteries if the microphones 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.
- **Antennas:** Handle antennas carefully to avoid bending or breaking.

7. TROUBLESHOOTING

If you encounter issues with your Pyle PDWM8325 system, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No sound from microphone	Microphone not powered on Dead batteries Receiver not powered on Audio cable disconnected Receiver volume too low Mixer/amplifier volume too low	Ensure microphone power switch is ON Replace batteries Ensure receiver power switch is ON Check all audio cable connections Increase individual channel volume on receiver Increase volume on mixer/amplifier
Poor sound quality / Static / Dropouts	Interference from other devices Microphone too far from receiver Obstructions between mic and receiver Low microphone batteries Antennas not properly positioned	Move away from other wireless devices or electronics Reduce distance between microphone and receiver Ensure clear line of sight Replace batteries Adjust receiver antennas for optimal reception
Short operating range	Environmental interference Obstructions Antennas not fully extended or positioned	Minimize interference sources Ensure clear line of sight Fully extend and properly position receiver antennas
Microphone indicator light off	Microphone not powered on Dead batteries	Slide power switch to ON Replace batteries

8. SPECIFICATIONS

Technical specifications for the Pyle PDWM8325 8 Channel UHF Wireless Microphone System:


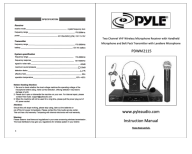
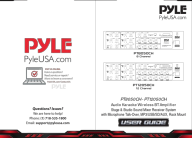
Feature	Specification
Operation Range	Up to 600+ ft. (line of sight)
Frequency Response	50Hz - 16kHz
Signal to Noise Ratio	90dB
Dynamic Range	92dB
Total Harmonic Distortion	0.5%
Microphone Power	(2) x AA Batteries (each)

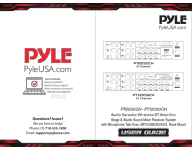


Feature	Specification
Receiver Dimensions (without Rack Mount)	1.8" x 16.5" x 8.7" (H x W x D)
Receiver Dimensions (with Rack Mount)	1.8" x 18.9" x 8.7" (H x W x D)
Power Supply	110/240V (DC 12V Power Adapter)
Number of Channels	8
Microphone Form Factor	Handheld
Connectivity Technology	UHF Wireless, XLR, 1/4" Jack
Material	Plastic (Microphones), Metal (Receiver)
Item Weight	6.3 lbs (Receiver)

9. WARRANTY AND SUPPORT

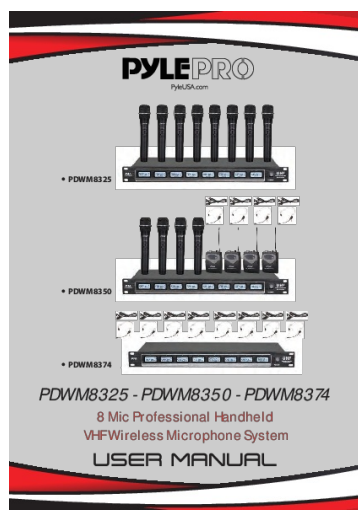
For warranty information or technical support regarding your Pyle PDWM8325 wireless microphone system, please refer to the warranty card included with your product or visit the official Pyle website. You may also contact Pyle customer service directly for assistance with product operation, troubleshooting, or parts replacement.

Related Documents - PDWM8325

	<p>Pyle PT888BTWM User Guide: Wireless BT Home Theater Receiver with Microphones</p> <p>User guide for the Pyle PT888BTWM 5.2-channel home theater receiver. Features Bluetooth streaming, 2 UHF wireless microphones, 4K Ultra HD support, and multiple inputs. Find setup, operation, and troubleshooting information.</p>
	<p>Pyle PDWM2115 Dual Channel VHF Wireless Microphone System - Instruction Manual</p> <p>Official instruction manual for the Pyle PDWM2115 Dual Channel VHF Wireless Microphone System, covering specifications, features, setup, operation, and maintenance for the receiver, handheld microphone, and belt pack transmitter.</p>
	<p>Pyle PT8050CH & PT12050CH Wireless BT Amplifier User Guide</p> <p>Comprehensive user guide for the Pyle PT8050CH (8-Channel) and PT12050CH (12-Channel) Audio Karaoke Wireless BT Amplifiers. Features include wireless audio streaming, microphone talk-over, MP3/USB/SD/AUX playback, and rack mount capability.</p>

	<p>Pyle PT8050CH & PT12050CH Wireless BT Amplifier User Guide</p> <p>User guide for the Pyle PT8050CH (8-Channel) and PT12050CH (12-Channel) Audio Karaoke Wireless BT Amplifiers. Learn about features, controls, troubleshooting, and technical specifications for these stage and studio sound mixer receiver systems.</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 PT8050CH & PT12050CH 8/12-Channel Audio Karaoke Wireless BT Amplifier User Manual</p> <p>User manual for the Pyle PT8050CH and PT12050CH 8/12-Channel Audio Karaoke Wireless BT Amplifier. This guide covers features, controls, troubleshooting, and technical specifications for these stage and studio sound mixer receiver systems.</p>

Documents - Pyle – PDWM8325

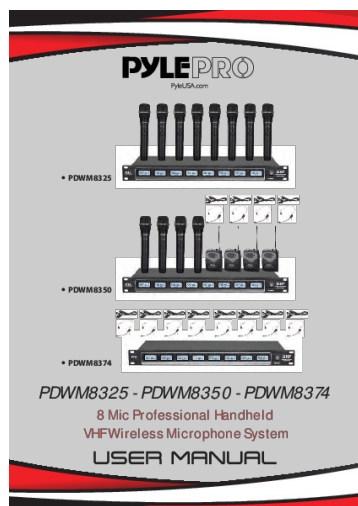


[\[pdf\]](#) Instructions

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PDWM8325 PDWM8350 PDWM8374 PDWM8374 **PDWM8325** - PDWM8350 - PDWM8374 8 Mic Professional Handheld VHF Wireless Microphone System
 FOREWORD Please read these instructions carefully before operating this product and retain them for future reference. MAIN FEATURES Uses multilevel high frequency and m...

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[\[pdf\]](#) Instructions

PDWM8325 PDWM8350 PDWM8374 manuals pyleusa Pyle USA CAUTIONS 1 Ensure the host receiver has a solid connection with microphone before use 2 Do not drop throw or otherwise damage your equipment to

PDWM8325 PDWM8350 PDWM8374 PDWM8374 **PDWM8325** - PDWM8350 - PDWM8374 8 Mic Professional Handheld VHF Wireless Microphone System
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Item	Part	Desc	Brand	Category	Notes
1	PT1000A	TV Stand for 10" TFT LCD TV (PT1000A)	PylePro	Mounts, Stands, Holders	
2	PT1000B	TV Stand for 10" TFT LCD TV (PT1000B)	PylePro	Mounts, Stands, Holders	
3	PT1000C	TV Stand for 10" TFT LCD TV (PT1000C)	PylePro	Mounts, Stands, Holders	
4	PT1000D	TV Stand for 10" TFT LCD TV (PT1000D)	PylePro	Mounts, Stands, Holders	
5	PT1000E	TV Stand for 10" TFT LCD TV (PT1000E)	PylePro	Mounts, Stands, Holders	
6	PT1000F	TV Stand for 10" TFT LCD TV (PT1000F)	PylePro	Mounts, Stands, Holders	
7	PT1000G	TV Stand for 10" TFT LCD TV (PT1000G)	PylePro	Mounts, Stands, Holders	
8	PT1000H	TV Stand for 10" TFT LCD TV (PT1000H)	PylePro	Mounts, Stands, Holders	
9	PT1000I	TV Stand for 10" TFT LCD TV (PT1000I)	PylePro	Mounts, Stands, Holders	
10	PT1000J	TV Stand for 10" TFT LCD TV (PT1000J)	PylePro	Mounts, Stands, Holders	

[Pyle Mounts, Stands, and Holders Product Catalog](#)

Explore the comprehensive range of Pyle and PylePro mounts, stands, and holders for TVs, computers, musical instruments, microphones, projectors, and tablets. This catalog showcases various solutions for home, office, and professional audio-visual setups.

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[Pyle 2018 Product Catalog](#)

This comprehensive catalog showcases the diverse range of consumer electronics offered by Pyle in 2018, covering car audio, marine, home, health, and professional sound solutions.

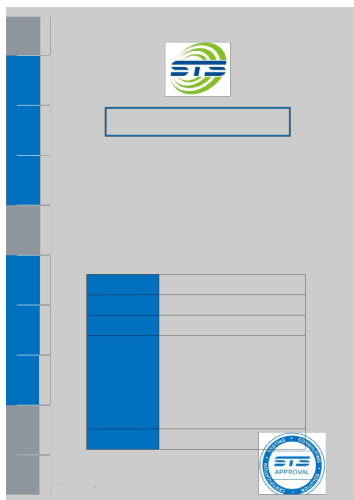
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[Pyle 2017 Product Catalog: Consumer Electronics & Audio/Video Solutions](#)

Explore the Pyle 2017 Product Catalog, a comprehensive guide to PyleUSA's extensive range of consumer electronics, including vehicle audio, home theater systems, marine electronics, and various gadgets designed to enhance everyday applications.

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[\[pdf\] Test Report](#)

Measurement Report Kent Certificate of Compliance Pyle 8 Ch UHF Wireless Microphone System Rack Mountable Base 4 Handheld MICS Headsets Belt Packs Lavalier Lapel MIC with Independent Volume Controls AF RF Signal Indicators PDWM8350 Musical Instruments A1OML5G7bXL m media amazon images | |||

S T S FCC TEST REPORT Report No: STS1907086W01 Issued for ENPING JIN BAI LING AUDIO MATERIAL CO.,L ... PDWM5000, PDWM5500, PDWM8300, PDWM8400, PDWM8700, PDWM2100, PDWM2600, PDWM2700, PDWM3800, PDWM4700, **PDWM8325**, PDWM8350, PDWM8374, PDWM8900, PWMA100, PWMA200, PWMA83UFM, PDWM2000, PDWMRET76GL, EBM41, E...

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