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**PYLE**

***PDWM8300***

**8-Ch. Conference Wireless Microphone System**

with (8) Tabletop Goosenecks Mics

**USER MANUAL**

**FOREWORD**

Please read this manual thoroughly before you attempt to set up and use the Wireless Microphone System. It contains a range of installation suggestions as well as instructions to ensure safe usage. Installed properly, you can expect years of trouble-free service from this product.

**Main Features**

- 1. Using VHF 170-215.8 VHF band to avert interfering frequency.
- 2. Using multi level high frequency and mid frequency narrow band filter, so as to dispel any possible interfering signals.
- 3. A specially designed circuit switch is on the phone. It is for clearing up waves of miscellaneous signals
- 4. All use quartz crystal oscillating circuits, so the frequency is very steady.
- 5. With audio compressing-expanding technology, the machine can lower noises and increase the dynamic range. It can also lower reecho.
- 6. It has separate channel and mix output, and it can be connected with the sound-adjusting stage and the karaoke enlarge.
- 7. Special key tone locked identity functions to avoid interference signal from outside. Opens the mute system.
- 8. There are multiple noise detect multi-circuits. With strong anti-jamming function.
- 9. Uniform cardioid pickup pattern isolates the main sound source and minimizes background noise
- 10. Effective, built-in spherical wind and pop filter.
- 11. Longest distance in open:100m. Idealest distance in open: 50m

**Cautions**

- 1. Please ensure to place the host receiver in a place where it has good condition for signal, without dead angle.
- 2. Please keep the microphone transmitter from throwing, casting, and so on. Care should be taken to protect against breaking.
- 3. Non-waterproof. Protect the receiver from rain or water to prevent a short circuit.
- 4. Please keep distance with or away electromagnetic field, high voltage power net or big metal subjects.
- 5. Please switch **OFF** the transmitter when you change the battery.
- 6. Please put out the battery if you will not use the microphone for a long time.
- 7. Please plug out the reciever if you will not use the microphone for a long time.

- 8. If any part of the product is damaged, please contact your dealer/distributor or nearest service center
- 9. This warranty does not cover service or parts to repair damage caused by accident, neglect, abuse, normal & wear, disaster, misuse, abuse, overpowering, negligence, inadequate packing or shipping procedures and service, repair or any modifications to the product which have not been authorized or approved by PyleUSA.

**TECHNICAL PARAMETERS**

**Unit Specification**

Frequency range	170-215.8MHz VHF band
Frequency stability	±0.005%
Modulation	FM
Frequency response	40Hz-18KHz (3dB)
T.H.D	-0.8%
Distance	50-100M
Temperture	14-131°F (-10-55°C)

**Reciever**

Receiving system	Quartz crystal frequency
Sensitivity	10UV/40DB emf
Removing weight	50ms
Audio output	0-0.35Vp-p 5k
Output connection	6.3 mm plug
Power supply	DC:12-17 V

## Wireless meeting microphone

This circle light is working, indicating the battery working when the transmitter is switched on.

Power supply	DC9V
Power consumption	<35mA
Carrying frequency	170-270MHz
Frequency stability	$\pm 0.002\%$
S/N ratio	>90dB
Channel interference ratio	> 80dB
Dynamic range	>80dB
T.H.D	<3%
Cartridge	Condenser noise proof
Polarity	Uni-direction
Frequency response	40Hz-18KHz( 3dB)
Sensitivity of transmission	-47 $\pm$ 3dB @1KHz
Temperture	14-131°F (-10-55°C)

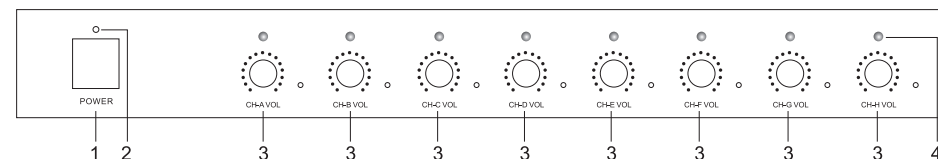
1. Cartridge
2. Working indicator
3. Switch
4. Power and low voltage two color indicator



## Operation

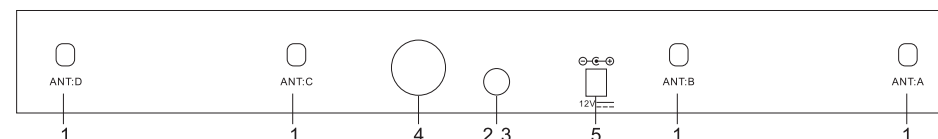
1. Please make sure to place the batteries correctly, connecting the correct poles (+,-).
2. Power ON the switch
3. When not in use for long periods of time, Power OFF and remove the batteries to avoid battery leakage.
4. Please change the batteries when the low voltage light indicator is ON

## Front Panel



1. Power switch
2. Power Indicator
3. Volume Control
4. Receiving Indicator

## Rear Panel

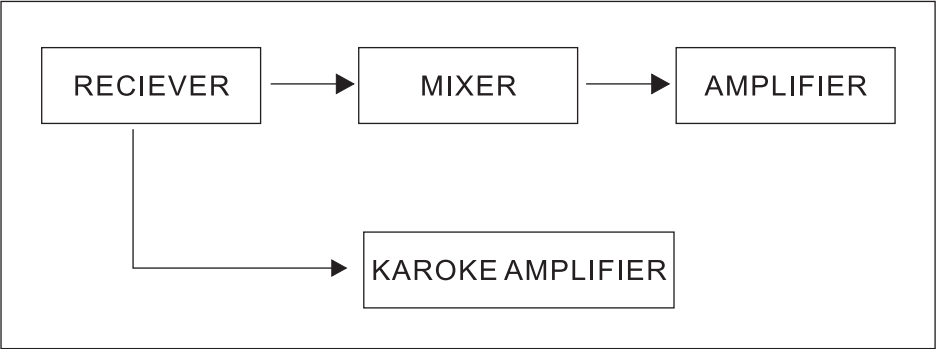


1. Antenna
2. Audio Output
3. Mixed-Balance Output
4. Balanced Output
5. DC Power

## Operation

1. Please take the following working flow diagram for reference on using this machine-connect the mix out of receiver with mic input on the amplifier or out A, B, C, D and mic input on the amplifier.
2. Power 120V, switch the power, set the volume of your sound equipment.
3. Adjust the volume in right sound, make MIC1 and MIC2 harmony, which will make you enjoying the sound well.
4. Please plug out the power if you will not use the machine long time.

System connection flow diagram



Installation of Reciever

- Keep the machine 1m above the ground
- Keep the machine away 1m against the wall.
- Fully pull the antenna up
- Make the transmitter point to the antenna without barrier
- Keep the reciever away any digital equipment (such as CD, VCD, PC, or other radio equipment)

TROUBLESHOOTING

Some problems and their solutions are identified in the table below. If you are unable to solve a problem, contact your dealer.

Problem	Solution
No sound; RF light(s) not glowing	<ul style="list-style-type: none"><li>• Make sure the transmitter is ON</li><li>• POWER switch is ON and the receiver is plugged into a power source. Check battery.</li><li>• Check receiver squelch setting.</li><li>• Check receiver antenna connection(s).</li><li>• Make sure antennas are in line of sight of transmitter.</li></ul>
No sound; RF lights glowing.	<ul style="list-style-type: none"><li>• Turn up receiver audio VOLUME control</li><li>• Check for proper connection between receiver and karaoke unit</li></ul>

Problem	Solution
Received signal is noisy. Contains extraneous sounds. Theres sound while transmitter is ON.	<ul style="list-style-type: none"><li>• Check the battery</li><li>• Remove local Sources of RF interference.</li><li>• If using a guitar or other instrument, check connections.</li><li>• Two transmitters may be operating on the same frequency. Locate and turn one off.</li><li>• Signal may be too weak. Reposition antennas. If possible, move them closer to the transmitter.</li></ul>
Noise from receiver while transmitter is off.	<ul style="list-style-type: none"><li>• Adjust receiver squelch control.</li><li>• Remove localsources of RF interference.</li><li>• Reposition receiver or antennas.</li></ul>
Momentary loss of sound as transmitter is moved around performing area.	Reposition receiver and perform another “walk through” test and observe the RF indicators. If audio drop outs persist, mark these “dead spots” in performing area and avoid them during performance.



## **8-Ch. Conference Wireless Microphone System**

VHF Desktop Office Conference Mic System  
with (8) Tabletop Goosenecks Mics

### **Features:**

- VHF Professional Conference Microphone System
- Desktop, Tabletop Office Microphone Style
- Includes (8) Tabletop Goosenecks Mics
- Multi-Channel Fixed Frequency Design
- Low Distortion Condenser Mics
- Extended Wireless Operating Range
- Front Panel Receiver Control Central
- Independent Channel Volume Setting
- Microphone Broadcasting Switch
- Telescoping Receiver Antennas
- 1/4"-inch (6.5mm) Mixed Output Jack
- XLR (3-Pin) Balanced Connector
- Microphone LED Indicator Lights
- Power ON / OFF Switch
- Rack-Mountable Mic Receiver
- Used for Office, Store, School & Business Audio Applications

### **What's in the Box:**

- Wireless Microphone Receiver
- (8) Tabletop Conference Microphones
- (8) x '9V' Batteries
- Detachable Rack Mount Brackets
- 1/4"-inch Audio Cable
- Power Adapter

### **Technical Specs:**

- Audio Transmission: VHF (Very High Frequency) Band
- Microphone System Type: Desktop Conference Mics
- Wireless Operation Range: Up to 100+ Meters
- Mic Receiver Type: 8-Channel
- Microphone Polarity: Uni-Directional
- Microphone Type: Condenser
- T.H.D.: 3.0%
- Dynamic Range: 92dB
- Signal to Noise Ratio: 90dB
- Frequency Stability: +/- 0.002%
- Freq. Response: 40Hz-18kHz (3dB)
- Audio Signal Sensitivity: -47dB (+/-3 dB) @ 1kHz
- Battery Operated Mics: Require (1) x 9V Battery, Each (Included)
- Power Supply: 120/240V (13.5V Power Adapter)
- Conference Mic Size (L x W x H): 4.9" x 5.9" x 12.7"-inches (Each)
- Receiver Dimensions (L x W x H):  
18.9" x 8.7" x 1.8"-inches (with Rack Mount)
- Receiver Dimensions (L x W x H):  
16.5" x 8.7" x 1.8"-inches (without Rack Mount)

### **Questions? Issues?**

We are here to help!

Phone: (1) 718-535-1800

Email: [support@pyleusa.com](mailto:support@pyleusa.com)