

# PYLE



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## USER GUIDE

PDWM4800

4-Channel Wireless Microphone System



Get Into It!

**Read all instructions carefully before using this product.  
Retain this owner's manual for future reference.**

**Features:**

- Stable Wireless Audio Signal Connection Technology
- Strong, Interference-Free Connection for Reliable Performance
- Offers No Dropouts, Hisses or Feedback in Crowded Environment
- Contains 4 x 50 Selectable Frequencies for a Clean and Professional Sound
- Equipped with Batteries Delivering up to 4 Hours of Usage
- Features Unidirectional Dynamic Cores for Crisp and High Fidelity Audio
- Stylish LCD Display
- Connects Easily with Speakers, Amplifiers and Mixers
- Advanced Noise Reduction for Clearer Audio
- Improved Squelch Control that Filters Out Noise
- Delivers Dependable and Quality Sound
- Independent Adjustable Volume Controls
- Universal Rack Mount Compatible
- TNC Receiver Antennas
- Perfect for Vocals, Conferences, Speeches and Live Performances

**What's in the Box:**

- 4-Channel Receiver
- (4) Handheld Microphones
- AA Batteries
- Power Adapter
- ¼" Audio Connection Cable

**California Prop 65 Warning**

**⚠ WARNING:**

This product may expose you to chemicals, which is known to the state of California to cause cancer, birth defects and other reproductive harm. Do not ingest.

For more info go to: [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

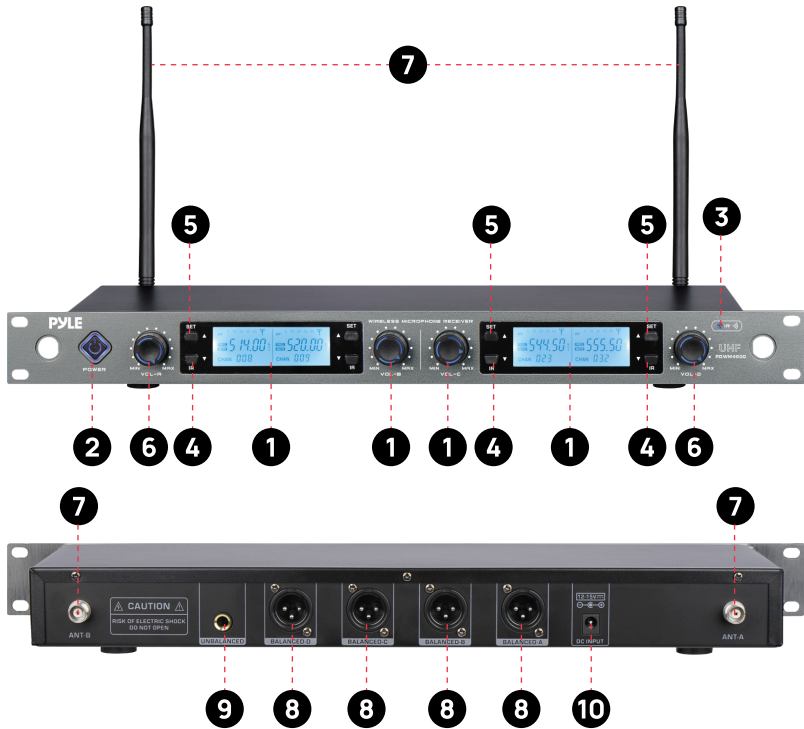
## Technical Specs:

- Construction Material: Metal
- Frequency Range: 519-565 MHz
- Color: Grey + Black
- Number of Channels: 4
- Power Source: 100-240V
- Connectivity Technology: PLL
- Audio Sensitivity: -90 dB
- Impedance: 600 Ohms
- Polar Pattern: Uni-directional
- Signal-to-Noise Ratio: 90 dB
- Control Method: FM
- Operation Range: Up to 300'+ ft.
- Dynamic Range: 40Hz-17kHz
- Total Harmonic Distortion: < 1%
- Power: 110-240V (DC 12V Power Adapter)
- Frequency Stability:  $\pm 0.002\%$
- Product Dimensions (L x W x H): 20.4 x 12.0 x 4.68 -inches

## RECEIVER FEATURES

1. **LCD/LED Information Display:** Indicates receiver and transmitter information.
2. **Power Button:** Turns the receiver ON/OFF.
3. **IR Generator:** Infrared signal generator.
4. **Down Function Button:** Changes parameters or applies functions.
5. **Up Function Button:** Changes parameters or applies functions.
6. **Volume Control:** Rotate the knob to adjust the receiver output volume.
7. **Antennas:** Receive RF signal for the receiver.
8. **XLR Output Connector:** Connect an XLR audio cable from this port to the input of your mixer.
9. **1/4" Audio Output Jack:** Connect an audio cable from this jack to the input port of an amplifier or mixer.
10. **Power Input:** Accepts either DC or AC power input.

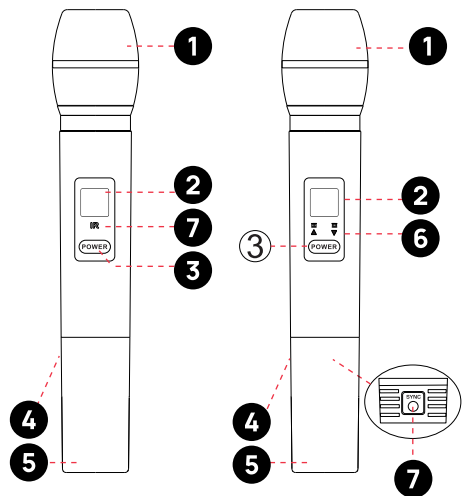
# RECEIVER FEATURES



# TRANSMITTER FUNCTIONS & FEATURES

## Handheld Transmitter

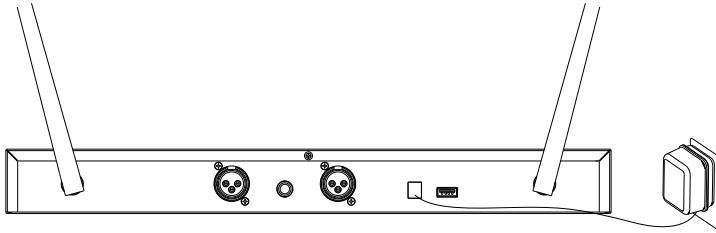
- Grill:** Protects the microphone cartridge and reduces wind noise.
- LCD/LED Display:** Indicates transmitter information.
- Power Switch:** Turns the transmitter ON/OFF.
- Battery:** Uses 2 x AA (1.5V) batteries or 14500 lithium rechargeable batteries.
- Battery Cover:** Rotate clockwise to close and counter-clockwise to open.
- UP/DOWN Buttons:** Set the channel data.
- IR Receiver:** Should face the IR Generator on the receiver during frequency matching.



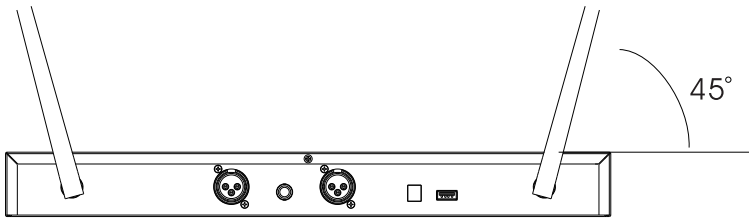
# SYSTEM CONNECTIONS

## 1. Receiver Power Connection:

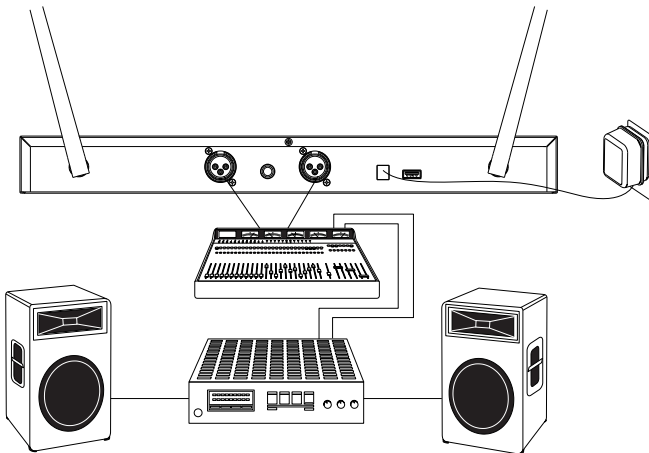
- a. **Using DC power input:** Connect the AC adapter to the DC power jack on the receiver. Plug the adapter into a 120V or 220V AC outlet.
- b. **Using AC power input:** Plug the power cable directly into a 120V or 220V AC outlet.



- 2. **Antenna:** Position the antenna at a 45° angle from vertical (see diagram).



- 3. **Audio Connection:** Connect the audio cable from the receiver's audio output to the input of your amplifier or mixer.



## RECEIVER OPERATION INSTRUCTIONS (Channel Data Setting or IR Function)

### 1. Adjust Frequency Data:

- a. Press the UP Function Button; the display will flash.
- b. Use the UP or DOWN Function Buttons to select the frequency.

### 2. Auto-Scan Feature (only on some models):

- a. Press and hold the UP Function Button to activate. The system will suggest a frequency with the least interference.

### 3. IR Function:

- a. Press and hold the DOWN Function Button to activate IR function.
- b. Move the transmitter's IR receiver close to the receiver's IR Generator and wait 3 seconds.
- c. If RF signal appears, matching was successful. If not, repeat step (a).

## TROUBLESHOOTING

You can try these simple steps to fix common problems.

If the issue continues, please contact Customer Service for help.

**The LCD/LED display on the transmitter is off:** Make sure the transmitter is turned on. Check that the battery is inserted correctly, observing the correct (+/-) polarity. If the battery is inserted properly but the display is still off, replace it with a fresh battery.

**The receiver is off:** Ensure that the AC adapter is securely plugged into both the electrical outlet and the receiver's DC input connector. Also, verify that the AC outlet is working and supplying the proper voltage.

**The receiver is on and the RF signal indicators are glowing, but there is no sound:** Turn up the volume. Check that all output connections from the receiver to the external equipment are secure.

**The receiver is on but no RF signal is showing:** Verify that the transmitter and receiver are set to matching frequencies. Move the transmitter closer to the receiver to improve signal strength.

**The sound level from the wireless system is different than that of a cabled instrument, and the A/B signal indicators are glowing:** Adjust the gain level on the transmitter. You may also need to adjust the volume on the receiver.

**The RF signal appears to be working correctly, but the display flashes “LOW BATTERY”:** Replace the battery in the transmitter with a fully charged or fresh one.

**There are bursts of noise or audible interference from other radio signals:** This may be due to RF signal instability. Identify possible sources of interference (such as nearby wireless devices or RF sources), and either turn them off, move them away, or switch to a different operating frequency on your system.

**The level of distortion increases gradually over time:** This is likely caused by a weak battery in the transmitter. Replace the transmitter's battery.

**There is a momentary loss of sound when the transmitter is moved around during performance:** This may indicate poor RF signal coverage in some areas. Reposition the receiver and perform a walk-through test to find any “dead” spots. If dropouts continue, mark those areas and avoid them during use.

## Register Product

Thank you for choosing PyleUSA. By registering your product, you ensure that you receive the full benefits of our exclusive warranty and personalized customer support.

Complete the form to access expert support and to keep your PyleUSA purchase in perfect condition.

## Start Here



Model Number:  
**PDWM4800**

[PyleUSA.com/pages/register](https://PyleUSA.com/pages/register)

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Questions? Comments?  
We are here to help!  
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