

^{SERIES} **PREMIER**

**WIRELESS
MICROPHONE
SYSTEM**



**UHF
PLL**

———— LED ————

PDWM3450



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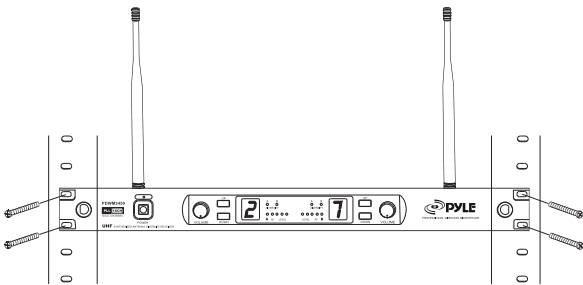
Thank you for purchasing the Premier Series Wireless Microphone System. Please read the instructions carefully to ensure proper use and operation of the product. Also, keep the instructions for future reference.

This professional wireless microphone system uses a super steady PPL-synthesized control technic and operates on high-efficiency, low-consumption discharging techniques. Performance features include independent developed mobile frequency compression, expander circuitry, image frequency limiting circuits, a multiple checked silent and noise-free circuits, antenna diversity receiving circuit & switch impact noise defeat circuits. Resist reverberation circuit and changed output control. Passes Q.C. code standards.

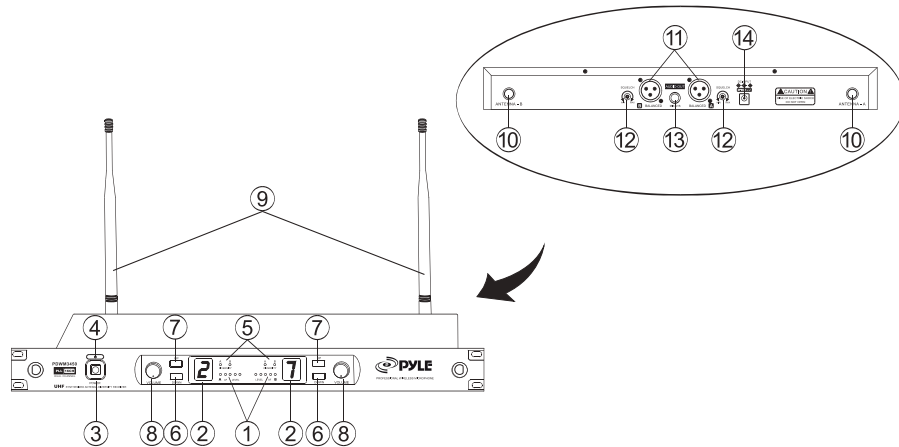
SYSTEM FEATURE

- 1. Adopt the PLL-Synthesized control technic, 16 selectable UHF channel.
- 2. The UHF frequency range is 673-679.975 MHz, avoiding the frequency interruption.
- 3. LED information display.
- 4. Fully computerized numeral control, agility and convenience to operate.
- 5. Double noise squelch operation circuit and system will be higher efficient and much more steady.
- 6. Use the dynamic type and Uni-directional cartridge, clear to show the sound.
- 7. High efficient and low consumption design.
- 8. Use the high extension antennas, the operating distance will reach 100m.
- 9. A self-contained input&output connector, convenience to connect the sound equipment.
- 10. Adapt to use in the stage and other occasion.

STACKING AND RACK-MOUNTING RECEIVERS

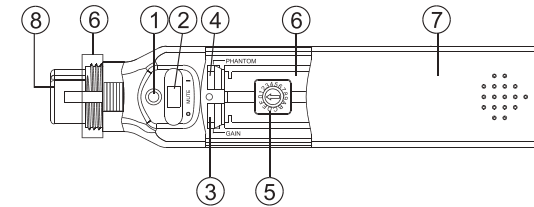


DUAL CHANNEL RECEIVER FEATURES



1. **Channel A.B AF Level Indicators:** Indicates audio signal strength. Green indicates normal operation. Red indicates overload or excessive audio level.
2. **Channel A.B Channel Display:** Indicates the frequency data of the selected channel group. (1-16CH)
3. **Power Button:** Turns the receiver ON/OFF.
4. **Power On Indicator:** This light glows when the receiver is plugged into and electrical outlet and switch is pushed, it indicates that the receiver is on.
5. **Diversity Signal Indicators.**
6. **Channel A.B Down Function Button:** Sets channel data.
7. **Channel A.B Up Function Button:** Sets channel data.
8. **Channel A.B Volume Control:** Rotate the knob to increase or decrease the volume of the receiver output.
9. **Antennas:** Supply the RF for receiver.
10. **Antenna Input Connectors:** Using supplied telescopic antenna or other antenna system.
11. **XLR Output Connector:** Plug and XLR audio cable from this connector to the input to your mixer.
12. **Squelch Control:** Adjust squelch control setting to emphasize either signal quality or system range. This control is factory pre-set, and normally does not need further adjustment. Refer to Receiver Squelch adjustment section for more information.
13. **1/4" Phone Jack Audio Output Connector(Unbalanced high Z):** An unbalanced audio cable with 1/4" phone plug(such as standard guitar cable) can be used between this connector and your amplifier input.
14. **Power Input Connector:** Connect the AC adapter to this jack and then plug into an AC electrical outlet. (Please use supplied AC adapter)

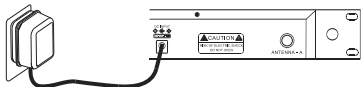
TRANSMITTER FUNCTION & FEATURES



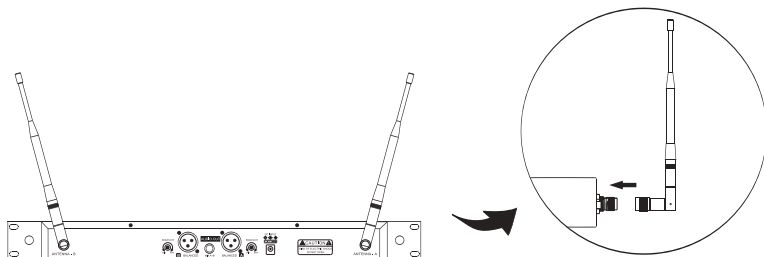
1. **Low Battery Indicator:** The LOW BAT LED will give a single flash, indicating useable battery strength when turn on/off. In case of low battery, the LOW BAT LED will stay on continuously. During use, if the LOW BAT LED stays on continuously, it is indicating that the battery should be replaced with a fresh one.
2. **Power ON/OFF and Audio Mute Switch**
3. **Gain adjustment.**
4. **Phantom**
5. **Channel Selecting Knob**
6. **Place to set the battery**
7. **Battery cover:** Open the cover follow the arrowhead.
8. **XLR connector**

SYSTEM CONNECTIONS

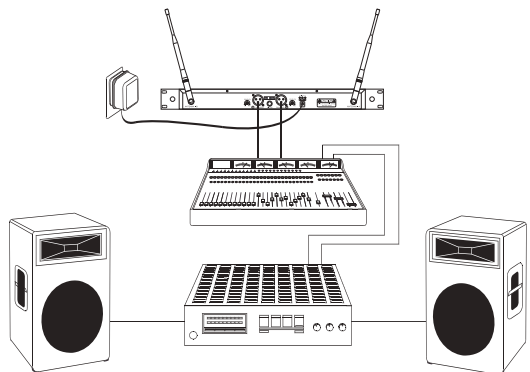
1. Receiver Power Connection: Connect the AC adapter into the DC power connector on the back of the receiver. Plug the AC adapter into a AC 120V/220V 50Hz outlet.



2. Antenna Connection: Attach the two antenna to the ANTENNA connectors.

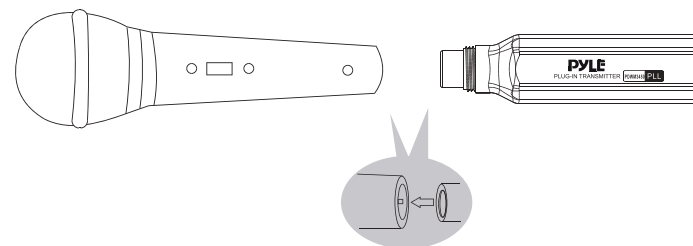


3. Audio Connection: Connect the audio cable from the audio output on the receiver to the input on your amplifier equipment.

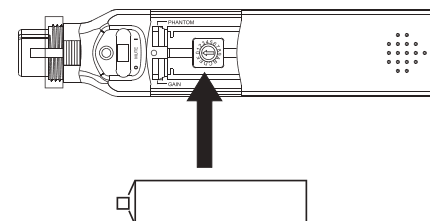


TRANSMITTER CONNECTIONS

1. Plug-in Transmitter connection. (Designed to change wire microphone to wireless)

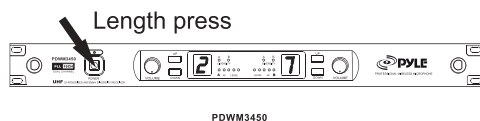


2. Transmitter Battery Installation: Open the battery cover and insert two AA (1.5V) Alkaline batteries. (Att. the battery polarity)

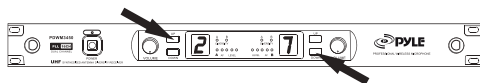


RECEIVER OPERATION INSTRUCTION (CHANNEL DATA SETTING)

1. Turn on the receiver.



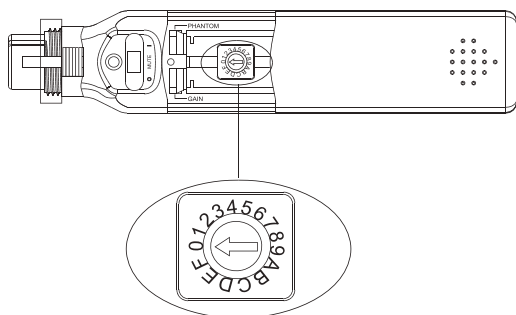
2. Channel Set Up: Length press Up and Down button to enter the channel setting mode, the display will flash, then press again to select the channel data.



NOTE: Overpass the channel setting, the receiver's data is finished, data will be retained until the receiver is reset.

OPERATION INSTRUCTION

- Turn on the transmitter.



1. Rotate the channel selecting knob to matched with the receiver indicator value.
2. Push the power switch to ON position.
3. If using the channel selecting knob to adjust the channel when the receiver is ON, please turn off the transmitter power and then turn on again after adjusting, .

PDWM 3450

Premier Series Professional UHF Microphone System with (2) Plug-in XLR Wireless Transmitters and Selectable Frequencies

LED Power Indicator & Channel Display

Operation Range: Up to 164 ft.

Audio Level Indicator for wireless system audio signal level

Independent & adjustable channel volume controls

RF Signal Indicator for transmitter signal strength

Up to sixteen separate channels to choose from

Includes two plug-in XLR wireless transmitters

1/4" Mixed audio output jack

(2) Individual XLR balanced output jacks

Individual Squelch controls

AC/DC adapter power jack

Power Supply: 110/220V

Receiver Specifications

Individual Balanced XLR Output

Mixed 1/4 Inch Output

Frequency Range: 673 - 697.97 MHz

16 operational wireless channels

Individual Squelch controls for each channel

RF Image Spurious Rejection >80 dB

Receiving Sensitivity: -105 dB

Signal/Noise Ratio: -90 dB

Border Upon Chanel Rejection: >80 dB

Power Requirements: 13-15V

DC nominal 800 mA

Dimensions: 19 in X 8.4 in X 1.7 in

Fits in to standard 1 RU space

Plug-In Transmitter Specifications

High/Low Gain Switch

RF Frequency Range: 673 - 697.97 MHz

16 operational wireless channels

RF Output: >10 dBm

Modulation Type: FM

Max Deviation: ± 68 kHz

Spurious Emission: >55 dBc

Nominal Current Drain: <100 mA

+5.85 V Phantom power supply

Power Requirements: 1 x 1.5 V AA

Dimensions: 4.4 in X 1.15 in X 1.1 in

The Pyle PDWM 3450 delivers clear, noise free, wireless transmission over 16 channels. This easy-to-use and easy-to-install system features individual balanced XLR outputs and a 1/4 inch mixed output. The included plug-in transmitters feature a female 3-pin XLR connection and convert any dynamic microphone into a wireless microphone. Each transmitter provides + 5.85 V Phantom power with the flip of a switch making this compatible with most electret condenser microphones. With the PDWM 3450, turn any wired PA system into a wireless one.

The Pyle PREMIER Series Wireless Microphone System will provide you with the performance you've been looking for. Whether used for work or play, this cordless microphone system is easy to setup, easy to use, and best of all, will give you an amazing high-quality audio experience. Choose from 8 different channels to transmit over. Enjoy hassle-free and reliable wireless sound transmission with today's latest system technology with this all-in-one package. Excellent sound reproduction for vocals or speech