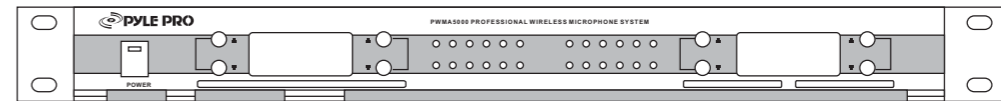
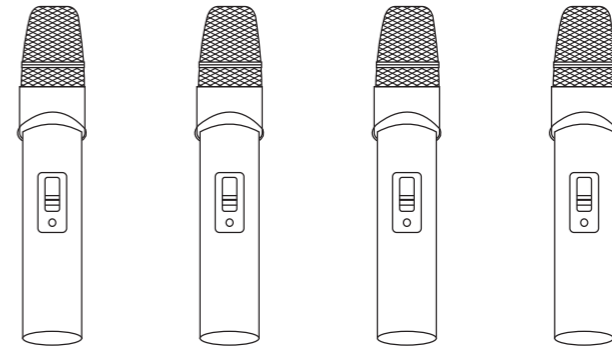




PDWM5500

OPERATING INSTRUCTIONS

WIRELESS MICROPHONE SYSTEM



.....SPECIFICATION.....

System Specifications

- 1) Carrier Frequency:..... VHF 160-280MHz
- 2) Frequency Stability:.....0.005%
- 3) Modulation mode:.....VHF
- 4) Audio Frequency Response:.....60Hz-16KHz
- 5) Signal to Noise Ratio:.....>60dB
- 6) Maximum Sound Pressure Level:.....>100dB
- 7) Distortion:.....<0.5%
- 8) Operating Range:.....Approx 240 ft.

Transmitter

- 1) RF Output Power:.....100mW MAX
- 2) Harmonic Suppression:.....40dB
- 3) Antenna:.....Builtin
- 4) Power Supply:.....1.5V(AA) x3
- 5) Nominal Current Drain:.....Approx. 15mA
- 6) Battery Life:.....Approx. 12 hours

Receiver

- 1) Receive Mode:.....Crystal Frequency Lock
- 2) Sensitiity:.....40dBu(S/N=60dB)
- 3) SignaltoNoise Ratio:.....>60dB
- 4) Audio Output Level:.....400mV Max
- 5) Power Supply:.....AC110V/220V(.10%) DC12v-18v/500mA

.....PREFACE.....

Thank you for selecting the PDWM5500 4 Mic VHF Wireless System. Before operating please read this instruction manual carefully and thoroughly in order to understand the correct operating procedures and achieve the best results.

FEATURES:

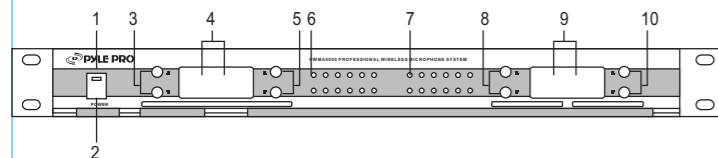
- ALC circuit to eliminate distortion:
- Frequency compressing/expanding (companding) circuitry to lower noise and increase the dynamic range.
- Superior squelch and high signal to noise ration.
- Near zero noise output when on standby.
- Wide frequency response range and low distortion.
- Convenient operation status indicators.
- LED Displays.
- Multiple HF and MF narrowband filters to eliminate interfering signal.
- Low power consumption components to ensure longer battery life.
- Special impact wave eliminating circuit for microphone switch.
- Long transmitting distance-up to 240 ft. in ideal circumstances.

SYSTEM SETUP

- 1) Plug the included audio cable into the receiver's mixed output connector, and the other end into a mixer or power amplifier system. Extend the two antennas fully to the vertical position. Switch on the receiver. The POWER ON light will illuminate.
- 2) Open the battery cover of the microphone and install the batteries inside the compartment properly. Replace the cover.
- 3) Position the transmitter power switch to ON. The indicator light will illuminate. The microphone features a 3-way power switch. The middle position (standby) functions as a mute switch.
- 4) The receiver's corresponding channel light will illuminate, indicating reception.
- 5) Adjust the volume knobs of the receiver and power amplifier.
- 6) When the transmitter power indicator dims, it indicates low battery power. Replace the batteries.

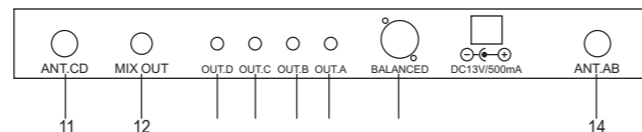
.....RECEIVER AND TRANSMITTER.....

FRONT PANEL OF RECEIVER



- 1) Power Indicator
- 2) Power Switch
- 3) CH.A Volume Control
- 4) CH.A/B LED Displays
- 5) CH.B Volume Control
- 6) CH.A/B AF Meters
- 7) CH.C/D AF Meters
- 8) CH.C Volume Control

REAR PANEL OF RECEIVER



- 9) CH.C/D LED Displays
- 10)CH.D Volume Control
- 11) CH. C/D Antenna Connector
- 12) Individual Audio Output
- 13) Mixed Audio Output
- 14)CH.A/B Antenna Connector
- 15)AC Power Input (voltage selectable)

.....RECEIVER AND TRANSMITTER.....

Description

- 1) Grill
- 2) Power Switch
- 3) LED Power Indicator
- 4) Mic Body
- 5) Battery Compartment

Troubleshooting

1. Unit does not turn on.
 - Make sure the power cable is connected properly.
 - Check the fuse.
 - Check the voltage selector
2. AF display moves, but there is no sound output.
 - Check volume level.
 - Check audio cable.
 - Check the settings on your amplifier.
3. The effective receiving distance decreases.
 - Change batteries.
 - Check for any devices that may be causing interference.
4. Sound Quality Deteriorates
 - Change Batteries.
 - Check for any devices that may be causing interference.
 - Do not use two machines with the same frequency at the same time.

Caution:

Do not open the unit. There are no user serviceable parts inside. Refer service to a qualified technician.

