PYLE® PRO

OWNER'S MANUAL

PDWM5000

PROFESSIONAL SERIES WIRELESS MICROPHONE SYSTEM

PREFACE

Thank you for buying our excellent wireless microphone series products. Before you use our products, please read this Owner's manual for your corrective operation. Please keep this manual in a safety place for your future reference.

VHF series professional wireless microphone systems introducesa number of advanced techniques and components, including the efficient lowconsumption RF transmission, impact elimination, slowcontrolled output, superiorssensitivity VHF narrowband HF and MF filters and 15ppm Crystal Frequency Lock etc. Online simulation EDA and strict quality control are applied to ensure each system with excellent function.

FEATURES:

- Introducing a special ALC circuit to ensure nondistortion;
- Introducing frequency compressingexpanding technique to lower the noise and enlarge the dynamic range.
- Superior squelch and high signaltonoise ratio.
- Almost zero noise output when standby.
- Broad frequency response range, super low distortion.
- Perfect operation status indications.
- Introducing multiple HF and MF narrowband filters to eliminate interfering signal.
- Introducing low power consumption components to ensure the longer battery life.
- Special impact wave eliminating circuit for handheld microphone switches.
- Long practical distance. Over 80m in ideal circumstances; practical20m radius incomplex circumstances;
- Multiple frequency design. Be able to use two microphones at the same time without mutual interference;
- Applicable for medium & small stages, karaoke halls, and home entertainment etc.

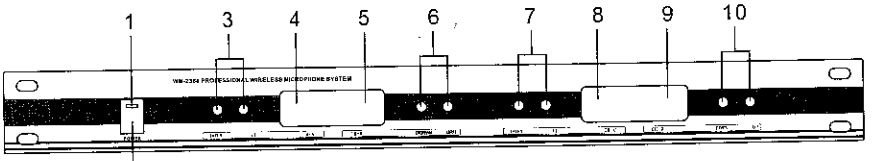
SYSTEM SETUP

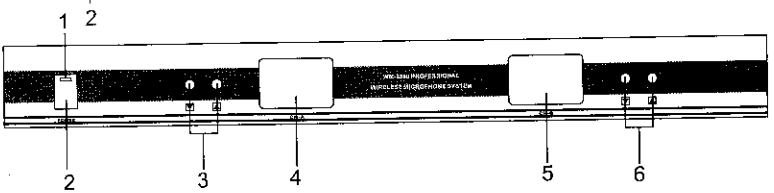
1) Plug the provided audio cable into the receiver's ALL output connector, and the other end into a mixer or power amplifier system. Extend the two antennas fully to the vertical position.Switch on the receiver, the POWER ON light will glow indicating the machine standby. (Better keep distances between the receiver and floor to ensure good receiving signals).
2) Open the battery cover of microphone and install the batteries inside the compartment properly, then replace the cover.
3) Position the transmitter power switch to ON, indicator light will glow (mid position is MUTE). Now the receiver's corresponding channel light will also glow, indicating that the receiver has already received the effective signals from the transmitter. Adjust the volume knobs of the receiver and power amplifier to ensure the suitable volume for the system. Speak with microphone to check the sound.
4) When the transmitter power indicator darkens, it indicates low battery power. Please change with new batteries in time. (Note to not mix new and old batteries together)
5) When using multiple systems at the same time, it is necessary to use machines of different frequency.

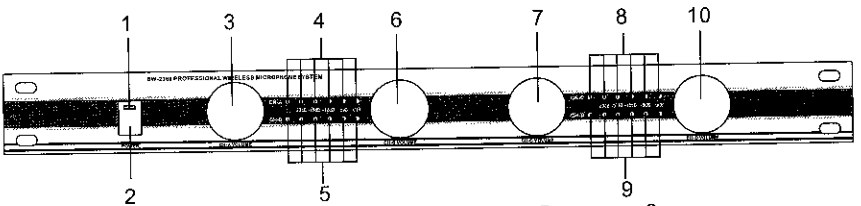
System Turnon Process: Receiver →Mixer or Pre Amplifier →Power Amplifier
(Opposite when Turnoff)

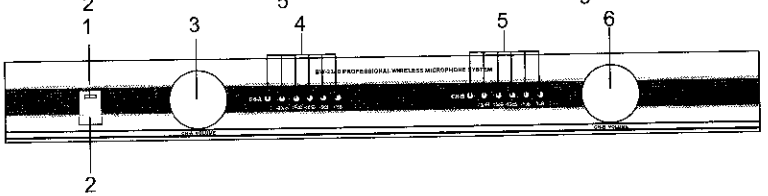
RECEIVER AND TRANSMITTER

FRONT PANEL OF RECEIVER

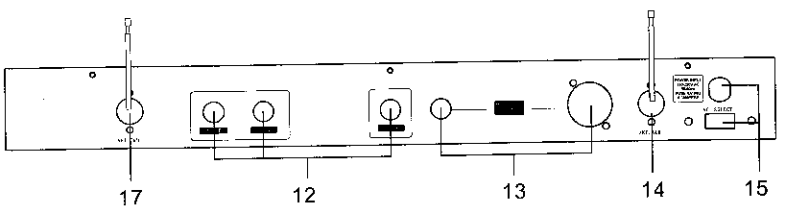


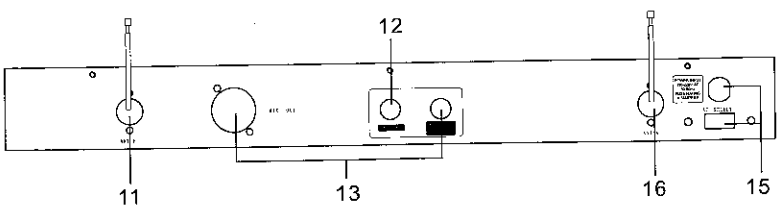






REAR PANEL OF RECEIVER





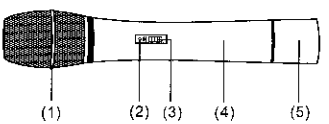
RECEIVER AND TRANSMITTER

POSITION SKETCH OF RECEIVER

1) Power Indicator;
2) Power Switch;
3) CH. A Volume Control;
4) CH. A Receiving Indicator;
5)CH. B Receiving Indicator;
6) CH. B Volume Control;
7) CH. C Volume Control;
8) CH. C Receiving Indicator;
9) CH. D Receiving Indicator;
10)CH. D Volume Control;
11) CH. B Antenna Connector;
12) Individual Audio Output;
13)Mixed Audio Output;
14) CH. A/B Antenna Connector;
15) AC Power Input (voltage selectable);
16) CH. A Antenna Connector;
17) CH. C/D Antenna Connector.

POSITION SKETCH OF TRANSMITTER

1) Cartridge Grille;
2) LED Power Indicator.;
3)Power Switch; 4) Mic Body;
5) Battery Compartment



SAFETY DIRECTION

1) Read Carefully: Read all safety and operation direction carefully before using this product.
2) Keep the Manual: Keep this Owner's Manual in a safety place for future reference.
3) Mind the Cautions: Please follow all the cautions indicated on the machine or in the manual.
4) Follow the Instruction; Please follow all the operation process and operation instruction.
5) Safety Environment: Don't put the machine in the place of high humidity, high electro magnetic field strong sun light and high temperature.
6) Attention when Stop Using: When stop using for a long time, please unplug the AC cord and remove the mic batteries.
7) Cleaning: Before cleaning, please turn off the system power. Don't clean it with liquid or sprayer. It is suitable to use wet cloth.
8) Accessories: Only use the provided accessories or other certificated products.
9) Power supply: The machine is only applicable to the indicated power supply. Please confirm whether it is suitable for your district.
10) Maintaining: To avoid the risk of electric shock, don't open or remove the cover to repair the machine by yourself. Ask a qualified repairman to repair it.
11) Replacing Components: Before replace any component, the repairman should check carefully to confirm whether the machine is in safe position.
12) Adjustment: When the machine is broken down, to avoid the great damages, don't adjust any adjustable component by yourself. You should ask an expert to repair it. Or you can also contact with the dealer and we will try all our best to help you.

SPECIFICATION

System Specifications

1) Frequency Range: ..... VHF 160-280MHz
2) Frequency Stability: ..... ±0.005%
3) Modulation mode: ..... VHF
4) Modulation Deviation: ..... ±20KHz
5) Audio Frequency Response: 40Hz-20KHz
6) SignaltoNoise Ratio: ..... >60dB
7) Maximum Sound Pressure Level: ..... >100dB
8) Distortion: 0.5%
9) Operating Range: ..... 80m (under typical conditions)
10) Operation Temperature Range: ..... 10℃～+50℃

Transmitter

1) RF Output Power: ..... 10mW MAX
2) Harmonic Suppression: 40dB
3) Antenna: ..... Builtin
4) Power Requirement: ..... 9V Battery
5) Nominal Current Drain: ..... Approximately 15mA
6) Battery Life: ..... 12 hours

Receiver

1) Receive Mode: ..... Crystal Frequency Lock
2) Sensitivity: ..... 40dBu(S/N=60dB)
3) SignaltoNoise Ratio: ..... >60dB
4) Audio Output Level: ..... 0～400mV Max
5) Power Supply: ..... AC110V/220V(±10%)
6) Dimension: ..... WxDxH = 485x240x52mm