

PDWM7300

Usage Manual

www.pyleaudio.com

UHF >>>>>>.....
PROFESSIONAL WIRELESS
MICROPHONE SYSTEM

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INTRODUCTION

Thank you for purchasing our product. We will feed back customers high quality product. Anyway, welcome to suggest us good idea, so that our products will get better and better.

This type of wireless microphone system is using for UHF band receiver, It is not only widely used in various of performance stage but also assembly hall and entertainment place like karaoke hall. The novelty, high quality and stability product made our product gains the reputations among our customers all over the world. On the other hand, our product can be used with handheld and the lapel at the same time, that is very free.

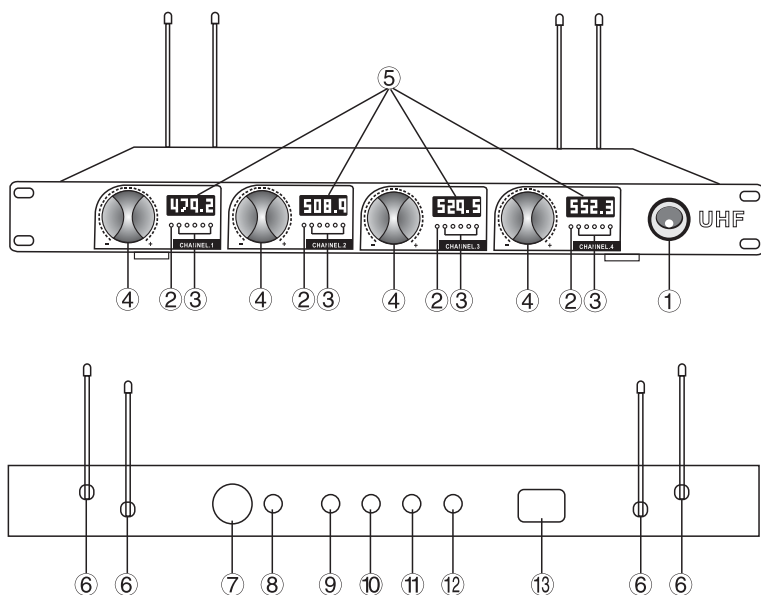
Please read this specification carefully, that you can operate it correctly, and you can use this unit for a long time. Please keep it well. It is for future reference.

FEATURES

- ★ UHF 500MHz used for Frequency of Carrier Wave, low interference.
- ★ Volume can be controlled by the column fixed on the receiver. Radio lamp and audio lamp used to clarify the condition.
- ★ One receiver accompanies with four wireless microphones.
- ★ Audio-Expand&Compress technic used to perfect the timbre.
- ★ Codistor fixed inside to avoid large noise caused by wireless microphone interfering.
- ★ Convenient antenna fixed inside of the wireless microphone.
- ★ Balanceable and lopsided audio output, separate and mixed output is useful for family and other situations.

RECEIVER

RECEIVER REMARK



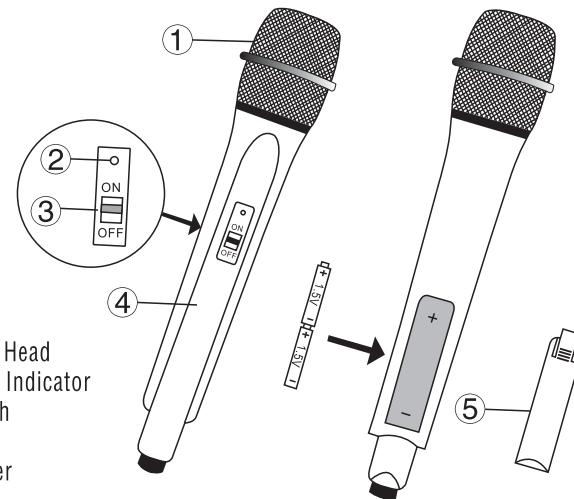
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|--------------------------------------|------------------------------|
| (1) Power Switch | (2) RF Indicator |
| (3) Audio Signal Indicator | (4) Audio Volume |
| (5) Digital Tube Frequency Display | (6) Antenna |
| (7) Balance Audio Output | (8) Mixed Audio Output |
| (9) Separated mic output1 | (10) Separated mic output2 |
| (11) Separated mic output3 | (12) Separated mic output4 |
| (13) AC Power Jack | |

USING THE RECEIVER

- ① Pull four antennas of the machine, please notice pull along the direction of antennas connector.
- ② Connect one end of audio cable to audio output jack of the receiver and the other end to microphone input jack of audio mixer or power amplifier.
- ③ Input the output plug of the adaptor to the DC input port of the receiver, and then connect the adaptor with AC.
- ④ If the power supply has connected, press power switch, the machine turns on.

TRANSMITTER

TRANSMITTER REMARK



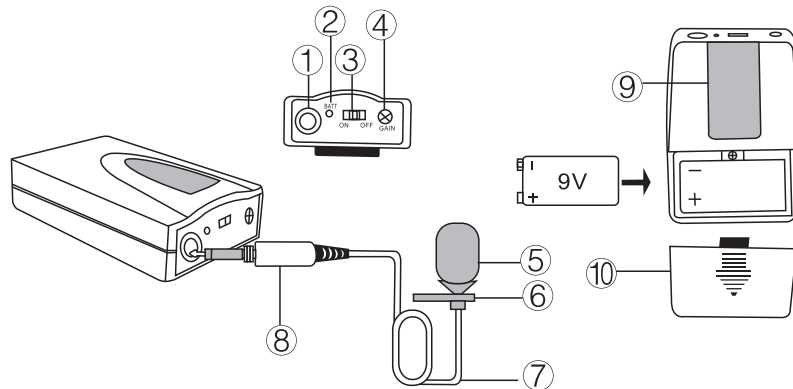
- (1) Microphone Head
- (2) Low Voltage Indicator
- (3) power switch
- (4) Grip
- (5) Battery Cover

USING THE HANDHELD TRANSMITTER

- ① Open the handheld microphone battery cover and put in two AA batteries in right polarity then close battery cover.
- ② Turn on the power switch of microphone and the power indicator will be light soon, the transmitter send the signal to the receiver, and the RF indicator is light now.
- ③ When the transmitter is not used, turn the power off.
- ④ When the low voltage indicator lights, it means the power of the battery is not enough. If it has affected using effect (The distance between the receiver and transmitter is not far enough or the voice is distortion), you had better replace a new battery.

If the unit does not use for a long time, you must take out the battery.

BODYPACK REMARK



- | | | |
|---------------------|---------------------------|------------------|
| (1) Microphone Jack | (2) Low Voltage Indicator | (3) Power Switch |
| (4) Audio Volume | (5) Microphone Head | (6) Clip |
| (7) Microphone Wire | (8) Microphone Jack | (9) Belt Clip |
| (10) Battery Cover | | |

USING THE BODYPACK TRANSMITTER

- ① Open the microphone battery cover and put in a 9V battery in right polarity then close battery cover.
- ② Turn on the powerswitch of microphone and the power indicator will be light soon, the transmitter send the signal to the receiver and the RF indicator is light now.
- ③ When the transmitter is not used, turn the power off.
- ④ When the low voltage indicator lights, it means the power of the battery is not enough. If it has affected using effect (The distance between the receiver and transmitter is not far enough, or the voice is distortion you had better replace a new battery.
- ⑤ If the unit does not use for a long time, you must take out the battery.

CAUTION

Read this before operating your unit:

- 1、Please read this manual carefully before using. And keep it in a safe place for future reference.
- 2、Do not expose the unit with rain or an environment where it may be splashed by water or other liquids, as doing may result in fire or electric shock.
- 3、Do not use force on switches, knobs or cords. When moving the set turn the unit off first.
- 4、Do not attempt to clean the unit with chemical solvents, this might damage the surface, you should use the clean and dry cloth.
- 5、To prevent receiver damage, please cut off power during electrical storms.
- 6、The voltage used must be the same as that specified on this unit.

REMOVE BREAKDOWN

| BREAKDOWN | REASONS | SOLVE |
|---|--|--|
| The power indicator is not light | 1\The transmitter does not load in the battery, and the battery have no power or change the battery. 2\The power jack of receiver is not attached power. | 1\Load in a new battery. 2\Turn on the power of receiver. |
| No voice | 1\The transmitter is not turned on. 2\The AF cord of receiver has not been connected. 3\The volume of the receiver or the loudspeaker is too low. 4\The transmitter is far from the receiver. 5\The frequency or receiver is different from transmitter. | 1\Turn on the transmitter. 2\Joint the receiver and loud-speaker together. 3\Turn up the volume. 4\Do not make the transmitter far away from the receiver. 5\Adjusting the same frequency. |
| The distance between the receiver and transmitter is not far enough | 1\Do not draw out the antenna fully. 2\The power of the battery is not enough. | 1\Draw out the antenna fully. 2\Replace a new battery. |
| The voice is distortion | 1\The power of the battery is not enough. 2\The loud-speaker is too near to the receiver. | 1\Replace a new battery. 2\Put the loud-speaker far from the receiver. |

If do not use it well after checking the unit yourself, please contact the professional.

PARAMETER

SYSTEM

| | |
|------------------------------|------------|
| Audio Frequency Response: | 80-12500Hz |
| Dynamic Range: | ≥90dB |
| System Distortion: | ≤1% |
| Signal-to-Noise Ratio: | ≥90dB |
| Operating Range: | ≈80M |
| Operating Temperature Range: | 5℃-45℃ |
| Carrier Frequency Range: | 480-550MHz |

Receiver:

| | |
|-------------------------|--------------|
| Sensitivity(S/N=30dB) | ≤4 μ S |
| Image Rejection: | >60dB |
| De-Emphasis: | 50 μ S |
| Audio Output Impedance: | 600 Ω ± 10% |
| Audio Output Level: | 11 v |
| Power Supply: | DC12V |
| Current Consumption: | ≤300mA |
| Dimensions: | 480x220x45mm |
| Weight: | ≈2700g |

Transmitter:

| | Hand-held | Bodypack |
|--------------------------|--------------|-------------------|
| Frequency Stability: | ±0.001 | ±0.001 |
| R F Output power: | ≤30mW | ≤30mW |
| Spurious Rejection: | > 50dB | > 50dB |
| Modulation Mode: | FM | FM |
| Maximum Deviation Range: | ±45KHz | ±45KHz |
| Microphone Mode: | Dynamic | Electric capacity |
| Pre-Emphasis: | 50 μ S | 50 μ S |
| Power Supply: | 1.5V Battery | 9V Battery |
| Current Consumption: | ≤40mA | ≤40mA |
| Dimensions: | φ35 x270mm | 95x 60x 20mm |
| Weight: | ≈250g | ≈90g |