

IMPORTANT: Pack carefully in original package if possible. We are not responsible for damage incurred in returning items for repair. A letter stating your exact street address, daytime phone number, and the problem you are experiencing should be included. You must also enclose a copy of original receipt as proof of date of purchase.

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Monday Through Thursday. 9AM to 5PM
Friday 9AM to 1 PM Eastern.



PDWM8400
PDWM8700
PDWM8900

**8 Mic Professional Handheld VHF
Wireless Microphone System**

Some common problems and their solutions are printed below.

Problem	Solution
No sound; RF light(s) not glowing	<ul style="list-style-type: none"> ◦ Make sure the transmitter ◦ POWER switch is ON and the receiver is plugged into a power source ◦ Check battery. ◦ Check receiver squelch setting. ◦ Check receiver antenna connection(s). ◦ Make sure antennas are in line of sight of transmitter.
No sound; RF lights glowing.	<ul style="list-style-type: none"> ◦ Turn up receiver audio VOLUME control ◦ Check for proper connection between receiver and karaoke unit
Received signal is noisy c contains extraneous sounds sounds with transmitter on.	<ul style="list-style-type: none"> ◦ Check battery ◦ Remove local. Sources of RF interference. ◦ If using a guitar or other instrument, check connections. ◦ Two transmitters may be operating on the same frequency. Locate and turn one off. ◦ Signal may be too weak Reposition~antennas. If possible, move them closer to transmitter.
Noise from receiver with transmitter off.	<ul style="list-style-type: none"> ◦ Adjust receiver squelch control. ◦ Remove local sources of RF interference. ◦ Reposition receiver or antennas.
Momentary loss of sound as transmitter is moved around performing area.	<ul style="list-style-type: none"> ◦ Reposition receiver and perform another "walkthrough" test and observe the RF indicators. If audio dropouts persist, mark these "dead spots" in performing area and avoid them during performance.

Thanks for purchasing our wireless meeting microphone. Please read these instructions carefully so that you fully understand how to operate this microphone. Store these instructions in a safe place for future reference.

Main features

- Uses VHF 170-270 MHZ frequency to avoid interference.
- Uses multilevel high frequency and midfrequency narrowband filters to avoid interference.
- Quartz crystal oscillating circuits guarantee a steady frequency.
- Audio compression and expansion technology to increase the dynamic range and lower feedback.
- Uniform cardioid pickup pattern isolates the main sound source –your voice – and minimizes background noise
- Effective, built-in spherical wind and pop filter
- Longest operating distance: ~100 yards.
- Best effective distance: ~50 yards.

Cautions

1. Ensure the host receiver has a solid connection with the microphone before use.
2. Do not drop, throw, or otherwise damage your equipment to ensure its longevity.
3. Keep away from water – this microphone is not waterproof.
4. Keep away from electromagnetic fields, high voltage power sources, and large metal objects.
5. Switch off the transmitter when changing the battery.
6. Take out the battery if you do not plan on using the microphone for a long time.
7. Unplug the receiver if you do not plan on using it for a long time.
8. This equipment is not user-repairable. Contact the manufacturer if equipment fails.

Unit Specification

Frequency range	:	170-270.MHz VHF band
Frequency stability	:	0.005%
Modulation	:	FM
Frequency response	:	40Hz-18KHz(3dB)
T.H.D	:	-0.8%
Distance	:	50-100M
Temperture	:	-10-55 c

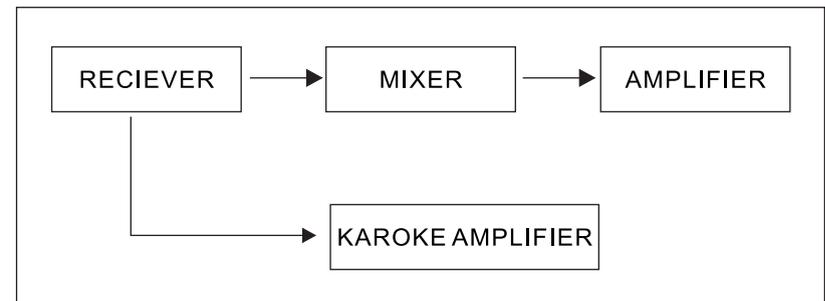
Reciever

Receiving system	:	Quartz crystal frequency
Sensitivity	:	10UV/40DB emf
Removing weight	:	50ms
Audio output	:	0-0.35Vp-p 5k
Output connection	:	∅6.3 mm plug
Power supply	:	DC:12-17 V

Operation

1. Please take note of the following workflow diagram for reference on connecting this machine.
2. Make sure your system is set to the correct power (110 V). Then set the volume of your sound equipment.
3. Adjust the mix so that the users of MIC 1 and MIC 2 sound good together.
4. Unplug the machine if you will not be using it for a long time.

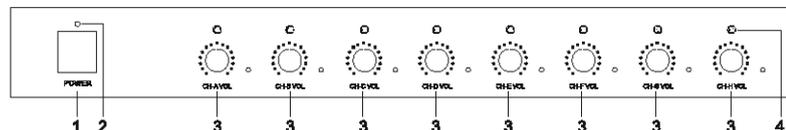
System connection flow diagram



Installation of reciever

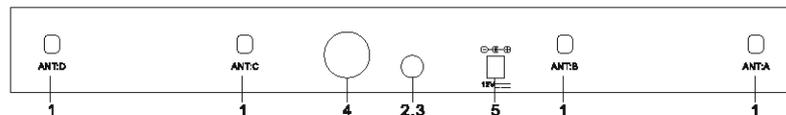
- Keep the machine at least 3 feet above the ground and 3 feet away from walls.
- Pull the antenna upright.
- Your equipment will operate best if there is no physical barrier between the microphone and the receiving antenna.
- Keep the receiver away from digital equipment, such as CD players, computers, or other radio equipment.

Front Panel



- 1. Power switch
- 2. Power indicator
- 3. Volume adjust
- 4. Receiving indicator

Back Panel



- 1. Antenna
- 2. Audio output
- 3. mixed- balance output
- 4. balanced output
- 5. DC power

Handheld Transmitter

Radio output power	:	>20mW
Antenna	:	Hide inside
Pre-weight	:	50 uS
Cartridge	:	Moving dynamic coil
Battery consumption	:	< 30mA
Battery life	:	8 H time of duration
Temperature range	:	-10 --55 j

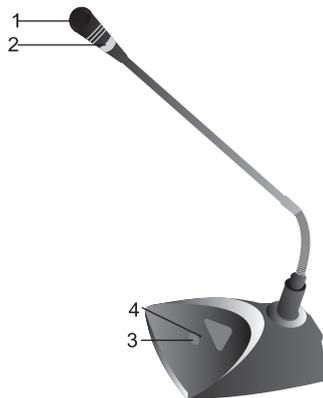
Body pack transmitter

Radio output power	:	>20mW
Carrying frequency	:	below the min carrying frequency 40dB
Pre-weight	:	50 uS
Cartridge	:	condenser
Battery consumption	:	<30mA
Battery life	:	8 H time of duration
Temperature range	:	-10 --55 j

Wireless meeting microphone

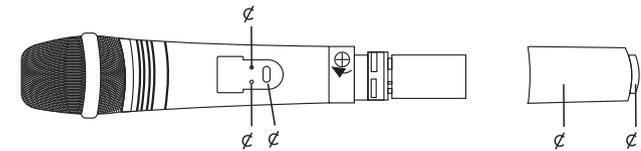
The light on the microphone indicates that the battery has power and that the microphone is functioning.

Power supply	:	DC9V
Power consumption	:	<35mA
Carrying frequency	:	170-270MHz
Frequency stability	:	±0.002%
S/N ratio	:	>90dB
Channel interference ratio	:	> 80dB
Dynamic range	:	>80dB
T.H.D	:	<3%
Cartridge	:	Condenser noise proof
Polarity	:	Uni-direction
Frequency response	:	40Hz-18KHz(3dB)
Sensitivity of transmission	:	-47±3dB @1KHz
Temperature	:	-10-55±



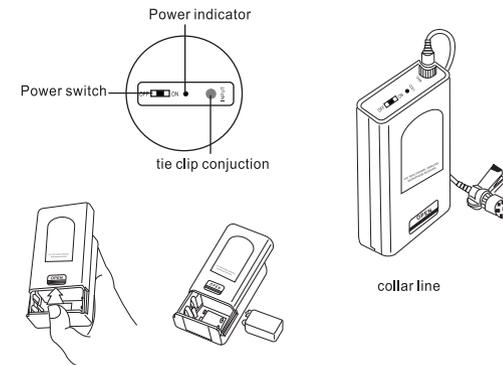
- 1.Cartridge 2.Working indicator 3.Switch
- 4.Power and low voltage two color indicator

Handheld transmitter



- φHead net
- φPower switch
- φPower light
- φLow voltage indicator
- φ9V Battery
- φBattery cover

Lavalier



Operation

- 1.Please put the battery in the battery case correctly with right poles
- 2.Working when the switch on,mute at ST-BY
- 3.Please out out the battery and switch off if you will not use.
- 4.Please change the battery when the low voltage light is on