

PYLEPRO

PyleUSA.com



PDWM8400



PDWM8700



PDWM8900

PDWM8400 - PDWM8700 - PDWM8900

8 Mic Professional Handheld
VHF Wireless Microphone System

USER MANUAL

FOREWORD

Please read these instructions carefully before operating this product and retain them for future reference.

MAIN FEATURES

- 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.
9. Warranty repairs must be carried out by a PYLEUSA Authorized Service Centre. Warranty cover will be void, even if a repair has been attempted by any unauthorized service centre. PYLEUSA shall not be liable for reimbursements, claims and damages that may result from the unauthorized repair of the product.

TECHNICAL PARAMETERS

UNIT SPECIFICATION

Modulation	FM
T.H.D	-0.8%
Distance	50-100M
Temperture	14-131°F

RECEIVER

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

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	14-131°F

BODY PACK TRANSMITTER

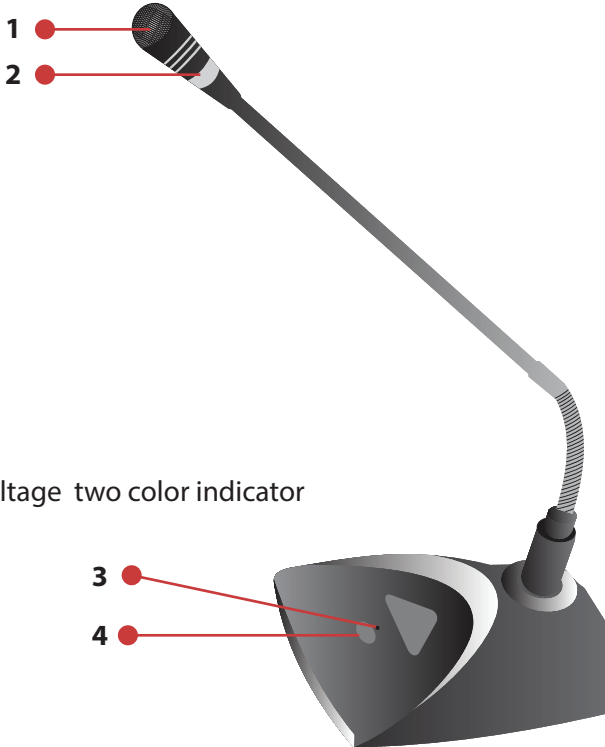
Radio output power	>20mW
Carrying frequency	below the min. carrying frequency 40dB
Pre-weight	50 uS
Cartridge	condenser
Battery consumption	<30mA
Battery life	8 H time of duration
Temperature range	14-131°F

TECHNICAL PARAMETERS

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
S/N Ratio	>90dB
Channel Interference Ratio	>80dB
Dynamic Range	>80dB
T.H.D	<3%
Cartridge	Condenser noise proof
Polarity	Uni-direction
Sensitivity of Transmission	-47 ±3dB @1KHz
Temperature	14-131°F

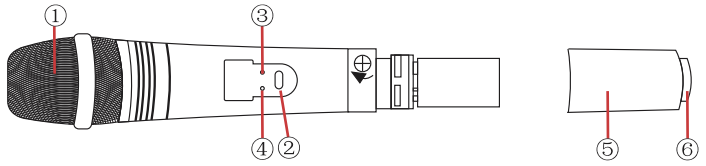


1. Cartridge
2. Working indicator
3. Switch
4. Power and Low Voltage two color indicator

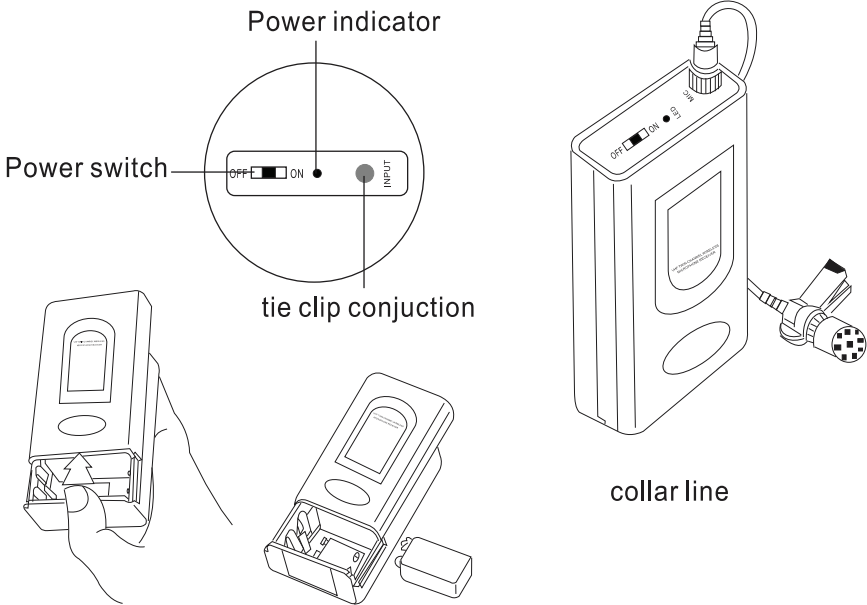
TECHNICAL PARAMETERS

HANDHELD TRANSMITTER

1. Grill
2. Power switch
3. Power light
4. Low voltage indicator
5. 9V Battery
6. Battery cover



LAVALIER TRANSMITTER

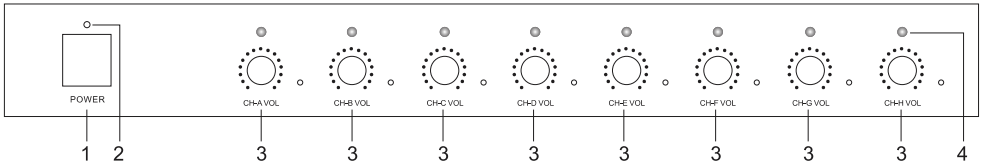


OPERATION

1. Please put the battery in the battery case correctly with right poles
2. Switch **ON**
3. Please take out the battery and switch it **OFF** if you will not use it.
4. Change the battery when the low voltage light is on.

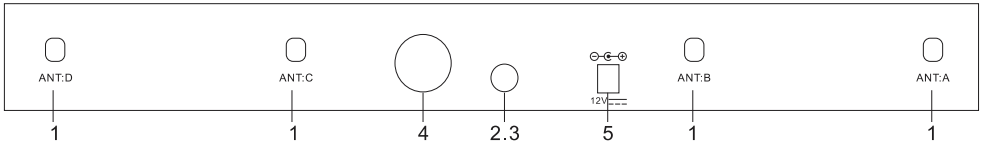
TECHNICAL PARAMETERS

FRONT PANEL



1. Power Switch
2. Power Indicator
3. Volume Control
4. Receiving Indicator

BACK PANEL



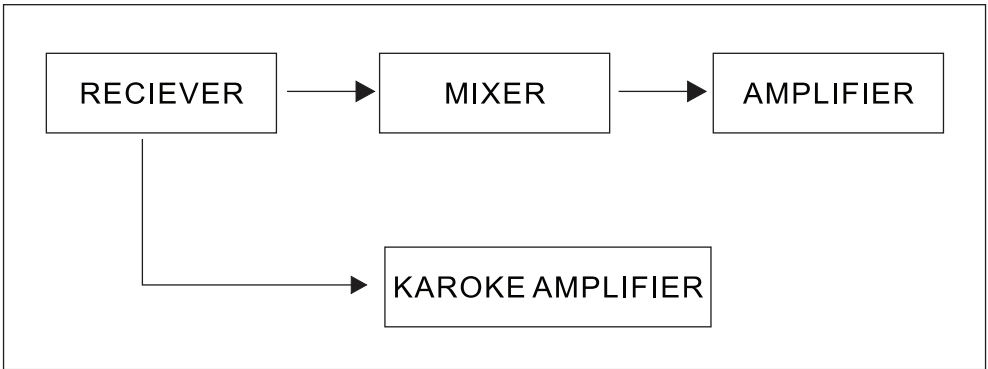
1. Antenna
2. Audio Output
3. Mixed-Balance Output
4. Balanced Output
5. DC Power

SYSTEM

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 sounds good together.
4. Unplug the machine if you will not be using it for a long time.

SYSTEM CONNECTION FLOW DIAGRAM



- 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.

TROUBLESHOOTING

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 light(s) not 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; contains extraneous 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 drop outs persist, mark these dead spots in performing area and avoid them during performance

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Need service or repair?

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