

TECHNICAL SPECIFICATIONS

TRANSMITTER

Frequency rangeVHF170-174MHz
ModulationFM+/- 15KHz max
Power Output 5mW min
Frequency Stability +/- 10PPM(at 25°C)
Power SourceDC AA (2)
Current ConsumptionDC20 mA max

RECEIVER

Sensitivity 2.5uV min (under squelch control)
Max Power Output5W min (at 4 ohms speaker load)
Distortion5% max (At 2W output)
Frequency Stability +/- 10PPM (at 25°C)
Hum and Noise60db min.
Power SourceAC 120V/DC12V
(Including rechargeable battery)
Current Consumption 800mA max
Dimensions7"W x 9½"H x 4"D
Weight4 lbs.

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**Wireless/Rechargeable
PERSONAL PA**

INSTRUCTION MANUAL

**VOICE
Amplification
SYSTEM**



MODEL #PAW-90x

INTRODUCTION

Congratulations! You are now the owner of a new and exciting product in the presentation world of today. This updated version also features a permanent rechargeable battery, the latest in the popular OSC lectern and presentation equipment product line. With proper care, your multi-use wireless rechargeable voice amplification system will give you long lasting use.

Important Safety Information

As with any electronic device, care must be taken during use. Always turn off amplifier before opening or servicing any part of the unit. Please handle your PERSONAL PA with the care it deserves.

Manufacturers Warranty

Our Wireless PA Rechargeable System undergoes the most rigid and exacting tests for superior quality and performance before leaving the factory. Oklahoma Sound Corporation warrants this product to be free from defective material and workmanship for two years from the date of resale by an authorized Oklahoma Sound distributor. Oklahoma Sound will replace defective parts and repair malfunctioning products under this warranty when the defect occurs under normal installation and use, provided the unit is returned to our factory via prepaid transportation after direct authorization and approval by Oklahoma Sound. This warranty provides that examination of the returned product must disclose in our judgement, a manufacturing defect. This warranty does not extend to any product which has been subject to misuse, neglect, accident, improper installation, or where the serial number has been removed or defected and is given in lieu of any other warranty implied or expressed and will not cover any consequential damages.

FEATURES

- PAW-90x was produced using the latest SMT machine, high stability.
- PAW-90x is provided with a permanently installed rechargeable battery, which can be used continuously for 8 hours.
- PAW-90x can be used with the recharger cable if the battery runs out.
- Tone control is designed for the best tone output.
- Echo control designed for karaoke.
- VHF (170MHz-174MHz) frequency with low interference, Crystal Oscillator circuit, frequency is stable for excellent reception.
- Compact, lightweight 4lbs. Unit with carry-along handle for complete mobility and portability.
- Signal output receptacle allows for easy connection to high powered amplifiers, recorders and large speaker boxes.
- Receiver has hidden compartment for power cord and transmitter for neat storing and comfortable carrying.
- Ten FCC approved channels available for multi unit/station use within same facility.

TROUBLESHOOTING

If Feedback Occurs

- Be sure the mic isn't directly in front of built-in speaker
- Be sure the mic is not closer than 5 ft. from the receiver
- Reduce volume gradually until feedback diminishes
- Reduce the tone gradually by turning knob to the left until feedback diminishes

Interference may occur in the following circumstances—

- If 2 transmitters of the same channel are operating in the same area at the same time. The units operate on channels ranging from 1-10; if you would like 2 separate units be sure to check the channel which are stated on the bottom of each unit. Be sure to state while ordering your second unit which channel you currently have so we may send you a unit with a different channel.
- If interference occurs for no apparent reason there may be some sort of transmitting signal close by, try lowering the antenna, thus minimizing reception from other sources.

Precautions

Always turn-on receiver first and then transmitter; and always switch-off transmitter first before turning off the receiver.

Do not insert recharging jack in any other input other than its designated input.

If any part becomes wet switch power off and stop using unit immediately.

If not using for an extended period of time store in dry place and be sure to remove battery from transmitter.

As with any electronic device this unit should not be used by children without the proper supervision.

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OPERATING INSTRUCTIONS

PLEASE READ CAREFULLY BEFORE USE!

Getting Acquainted

- A) RECEIVER: This the main unit which includes the speaker, volume, tone and echo controls (karaoke).
- B) TRANSMITTER: Is the small unit which the Tie-Clip Mic attaches to it weighs less than a pound and fits in a pocket or clips neatly on belt.
- C) TIE-CLIP MIC: Small mic comes with a tie-clip for hands-free and more maneuvering options.



Operation

- 1) Before first time usage the battery must be charged for at least 10-12 hrs.(battery is permanently installed inside receiver).
- 2) For faster battery charging time switch receiver power off while recharging. In case battery runs out keep the power on in order to be able to use while recharging, it may take a little longer in order to fully recharge.
- 3) Check the power source before plugging in and make sure it matches the voltage indicated on the unit.
- 4) To charge battery: insert power cord (included) to charger input which is located under the cover behind receiver in bottom right hand corner.

DO NOT INSERT CABLE INTO ANY OTHER INPUT!

Receiver

- 1) To achieve maximum reception fully extend antenna.
- 2) Place the receiver in the desired place (not closer than 5 ft. from where mic will be used)
- 3) Adjust the volume switch to desired volume, the LB light will turn green which indicates full battery; when LB light turns red indicates low battery.
- 4) When the receiver is used with the transmitter the RF light will turn on and the AF light will flash while speaking which indicates that the unit is working as it should.
- 5) If you want to record: connect the recorder to the input REC behind receiver.
- 6) For a larger power output connect the high power amplifier (not included) to the REC.
- 7) To add an extension speaker (not included) hook up ONLY to the EXT input.

Transmitter

- 1) The transmitter comes neatly packed away in the back of unit together with the mic and a mic clip.
- 2) The transmitter uses 2 standard AA batteries (not included), which are installed in the back of the transmitter.
- 3) Connect the mic to the transmitter and switch on, the red light will flash on once. If red light remains lit it indicates that the battery is low, and for maximum performance change battery. If a battery is unavailable at the moment, the mic can be directly connected to the receiver by plugging it into MIC input at the back of receiver.
- 4) Attach mic to clip and affix to tie, lapel etc. — the closer the mic is located to the mouth the louder the sound.
- 5) If the transmitter will not be used for an extended period of time remove the battery to avoid any damaged that may be caused because of leakage.