

Owner's Manual

Agent

User's Manual



PA-460W 460W Power Amplifier



WARNING

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

1. FOR OUTDOOR USE:

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

2. UNDER WET LOCATION:

Apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases should be placed on the apparatus.

3. SERVICE INSTRUCTIONS:

CAUTION - These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.



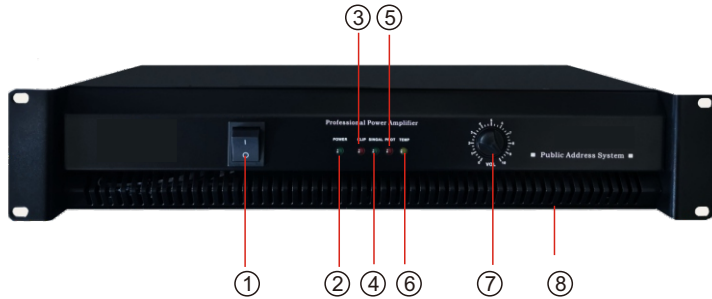
Specifications are subject to be changed without notice.



Features:

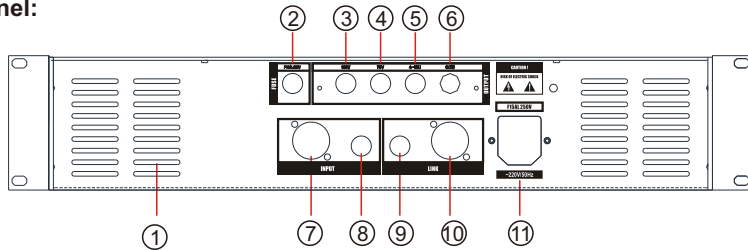
- 100 V, 70 V constant voltage output and 4-16 ohm constant impedance (balanced, unearth) output;
- 5 LED indicators show working status;
- ¼ inch phone and XLR jack allows amplifier extension; 5 LED indicators show working status;
- A series of high power amplifier with different power taps selectable;
- Treble and Bass volume control;
- Short circuit protection
- Intelligent fan activation;

Front Panel:



- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Power Switch 2. Power Indicator 3. CLIP (to avoid distortion by manage the amplify rate) 4. Signal | <ol style="list-style-type: none"> 5. PROT (direct current and short circuit protection) 6. TEMP 7. Master volume control 8. Cooler |
|--|---|

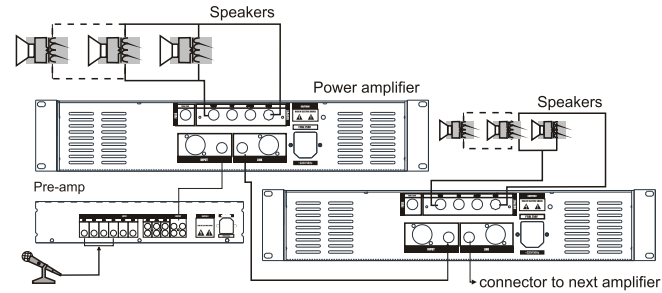
Rear Panel:



- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Cooler 2. Power Fuse 3. 100 V Output Terminal 5. 70 V Output Terminal 5. 4-16 ohm Output Terminal 6. COM Output | <ol style="list-style-type: none"> 7. XLR Input 8. ¼ inch Phone Input 9. ¼ inch Phone Output 10. XLR Output 11. Power Inlet |
|---|--|

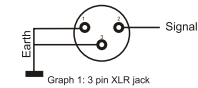
Constant voltage output or Constant impedance output selectable

Any kinds of audio signals from Microphone, CD/ DVD Player, MP3 Player or USB etc. should be processed by pre-amplifier or mixer before input to this power amplifier.



(Output Connection)

All of inputs should connect to XLR jack or ¼ inch phone.



All output terminals in rear panel, black for COM, red for HOT should be with transformer and congregation of speaker power can not exceed the total output power of the amplifier. If long distance transmission is not required by installation, you can apply 4-16 ohm terminal output, but speaker impedance should be changed to 4-16 ohm respectively.

Model	PA-460W
Rated Power Output	460W
Output Regulation	Less than 3 dB (no load to full load)
Output	775V, 0dB, XLR and phone jack
Frequency Response	60 - 16,000 Hz, +/- 3dB
THD	Less than 0.5% at 1kHz (1/3 Rated Power)
S/N Ratio	Better than 73dB
Slew Rate	15V/uS
Controls	Volume control and power switch
Cooling	Internal 12VDC fan, extensive heat sinking
Indicators	Power, Clip, Signal, Protect, and Temp LEDs
Protection	AC Fuse: 12A Current limiter, short circuit and thermal protection circuits
Power Consumption	620W
Power Requirments	220-240V AC, 50/60 Hz
Dimensions	89(H) x 483(W) x 366(D) mm
Built-in Dimensions	2 U rack 19 inch
Carton Dimensions	185(H) x 520(W) x 435(D) mm
Net Weight	17.66kg
Gross Weight	19.30kg
Finish	Panel: steel plate, black Case: steel plate, black