

Professional Power Amplifier 2x2400W@8Ω
PA-14000**Description:**

The professional power amplifier is designed of AB class technology, this traditional toroidal transformer analog amplifier advantages are of reliable performance and wide range of frequency response to meet various applications like large and medium-scaled outdoor and indoor stage performance, Pubs and Bars, voice delivery for conference system, sound reinforcement system use.

The power transistor is applied with no mica plate technology, there are two temperature controlled fans will below the heat from front to rear cooling window to ensure efficient heat elimination system and extend the life span of the amplifier.

The 19" rack mount 2RU height design is suitable for universal permanent installation of any sound reinforcement system. The compact size design also bring the lighter amplifier of less rack space consumption into true, so it is very useful and cost-effective amplifier for installer and system contractor.

The PA-14000 professional power amplifier rated power output is 2x2400W@8Ω, there are switch to select multiple output modes: paralleled output, bridged output and stereo output. It is ideal for various installation applications like for government building, stadium, theater and cinema, capacity of each unit maximum connection of two professional sound low impedance loudspeakers.

Features:

- Robust performance professional power amplifier.
- Ideal for large and medium-scaled outdoor and indoor stage performance, Pubs and Bars, permanent installation and sound reinforcement system.
- Class-AB analog SMPS technology professional power amplifier.
- 19" universal rack mount type in 2U height.
- Support stereo output at 8Ω and 4Ω.
- Support bridged output mode as well.
- Input by balanced XLR female connector of two channels.
- Input by balanced XLR male connector of two channels.
- Output by balanced Speakon female connector of two channels for loudspeakers.
- Output by unbalanced plus-minus connector of two channels for loudspeakers.
- With two temp-controlled fans for high-speed cooling down internal temperature.
- Pure copper radiator to ensure its stability.
- Germany and Spain imported components, customized capacitor strongly enhance the effect low frequency.
- Complete protection include clip, high temp, overload and short circuit.
- Visual indicator of output level meter, bridge, power, protection and clip.
- 3 years quality warranty.



Specification:

Model	PA-14000
Description	Professional Power Amplifier
Amplifier Class	Class AB
Power Output RMS Stereo	2×2400W @8Ω 2×4400W @4Ω
Frequency Response	20Hz~20KHz
THD	≤0.025%
S/N Ratio	>110dB
Intermodulation Distortion	<0.075%
Dynamic Range	85dB
Damp Factor @ 8Ω	>1000
Slew Rate	>80V/μs
Phase Shift Characteristic	<±15
Input Impedance	20KΩ (balanced) 10KΩ (unbalanced)
Connector	Input by XLR female and XLR male, output by Speakon female, by plus-minus connector
Power Supply	AC 220~240V, 50/60Hz
Dimension	482(W)×88(H)×380(D) mm
Net Weight	24.5KG