

**Professional Power Amplifier 4x1300W@8Ω**  
**PA-20000Q****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 outdoor stage performance and indoor stage performance, voice delivery for conference system, sound reinforcement system use.

The power transistor is applied with no mica plate technology, there are four 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-20000Q professional power amplifier rated power output is 4×1300W@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 four professional sound low impedance loudspeakers.

**Features:**

- Robust performance professional power amplifier.
- Ideal for outdoor and indoor stage performance, 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 four channels.
- Output by balanced XLR male connector of two channels.
- Output by balanced Speakon female connector of four channels for loudspeakers.
- With four temp-controlled fans for high-speed cooling down the internal temperature.
- Power AC soft start protection, overcurrent automatic tracking, current-limit softprotection.
- Complete proction: clip, high temp, overload, DC output truncate, shutdown protection, boot delay pick up.
- Visual indicator of output level meter, bridge, power, protection and clip.
- 3 years quality warranty.



### Specification:

<b>Model</b>	<b>PA-20000Q</b>
<b>Description</b>	Professional Power Amplifier
<b>Amplifier Class</b>	Class AB
<b>Power Output RMS Stereo</b>	4×1300W @8Ω 4×2200W @4Ω
<b>Power Output RMS Bridge</b>	2×2200W @8Ω
<b>Frequency Response</b>	20Hz~20KHz (0/-0.5dB)
<b>THD</b>	<0.01%
<b>S/N Ratio</b>	100dB
<b>Intermodulation Distortion</b>	<0.075%
<b>Dynamic Range</b>	85dB
<b>Damp Factor @ 8Ω</b>	>500
<b>Slew Rate</b>	>80V/μs
<b>Phase Shift Characteristic</b>	<±15
<b>Input Impedance</b>	>20KΩ (balanced) >10KΩ (unbalanced)
<b>Connector</b>	Input by XLR female, output by XLR male, output by Speakon female
<b>Power Supply</b>	AC 150~260V, 50/60Hz
<b>Dimension</b>	483(W)×88(H)×430(D) mm
<b>Net Weight</b>	23KG