

BYFORD AUDIO

PA-300

PA-500

STEREO POWER AMPLIFIER

Exceptional Audio Performance

Description

Byford Audio's PA Series amplifiers are ideal for professional entertainers who require maximum performance at best value. Professional audio quality, meticulous engineering, precision manufacturing and long-term reliability - are all intrinsic to PA series power amplifiers. Add contemporary styling, input/output options and advanced protection circuitry, and the PA Series clearly represents real value – something everyone can use. PA series stereo amplifiers deliver just the right amount of power to the most popular speakers used by entertainers. PA series stereo power amplifiers cooling fan plays a crucial role in maintaining the performance and reliability of power amplifiers by managing heat build-up during operation. Understanding their function and proper integration helps ensure that PA series amplifier operates efficiently and remains reliable over its lifespan. Amplifier topology class AB with toroidal transformer.

Byford Audio's PA-300/ 500 professional power amplifier is a crucial component in audio systems where robust amplification is needed without breaking the bank. It's designed to deliver clean, reliable power to speakers, making it ideal for various applications from live sound reinforcement to fixed installations.

Features

- 1) 2U standard
- 2) Large energy power supply, high-efficiency and super ring transformer
- 3) Input signal set 0.775V, 1V and 14V selection switch
- 4) With protection, signal, clip, bridge and power LED
- 5) Left and right channel with dual polar cooling fan, high- efficiency air cooling channel
- 6) With a power start soft, DC protection, short protection, thermal protection & overload protection



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Applications

- **Install Sound**
- **Live Sound**
- **Small Venue**
- **Cinema Rooms**
- **Lounge Bar**
- **Restaurants**
- **Banquets**
- **Conference Rooms**

Specification

Model	PA-300	PA-500
4Ω load	450Wx2	800Wx2
8Ω load	300Wx2	500Wx2
8Ω bridge load	900W	1000W
Frequency response	20Hz-20kHz ±1dB	20Hz-20kHz ±1dB
SNR	> 100dB	> 100dB
Total Harmonic distortion	< 0.01%	< 0.01%
Input impedance	20kΩ	20KΩ
Input voltage	0.775V, 1, 1.4V	0.775V, 1, 1.4V
Input connect	XLR	XLR
Output connect	Neutrik Speakon	Neutrik Speakon
Switch mode	Stereo/Bridge/Parallel	Stereo/Bridge/Parallel
Power supply	220V/240V AC50~60Hz	220V/240V AC50~60Hz
Size(LxD×W)mm	480x350x88.9	480x350x88
Weight	13.02kg	14.8kg

Specifications are subject to be changed without notice.



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