

BYFORD AUDIO

PA-460W

LINE POWER AMPLIFIER

Exceptional Audio Performance

Description

PA series of commercial grade Mono power amplifier delivers clean and powerful sound with reliable performance. Ranging from 460W to 1500W RMS power with cooling fan. These highly reliable power amplifiers designed for a wide variety of voice and background music applications such as malls, hospitals, place of worship, restaurants, bars, stores and any medium to large size Installations. It has 70 / 100 Volt and 4-16 ohms outputs available with 19" Rack mount. PA series 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.

Features

- 1) 100V, 70V constant voltage output & 4-16 ohm constant impedance(balanced, unearth) output
- 2) 5 LED Indicators show working status;
- 3) ¼ inch phono & XLR jack allows amplifier extension
- 4) Short Circuit Protection
- 5) Intelligent fan activation



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

Specifications are subject to be changed without notice.



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