

PA 5000

Power amplifier



PA 5000 is a 480W power amplifier designed for installed sound applications that explicitly require high power level and sound quality. It features a 3 band equalizer, a balanced input with XLR and Jack connectors. It is suitable for low impedance speakers (4-8Ω) and high impedance (70/100V). It is possible to connect several units through the Link outputs, on either XLR or Jack 1/4".

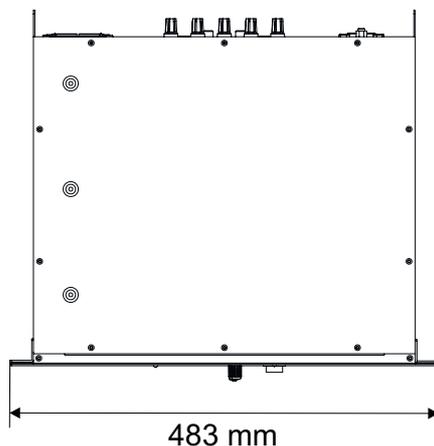
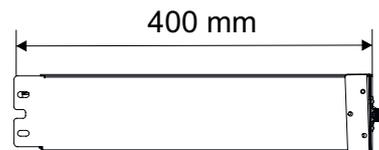
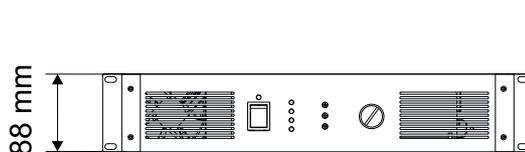
Thanks to its signal auto-compression function, the **PA 5000** is protected from speaker short circuits. The output signal automatically drops down if the temperature starts becoming too high: it protects itself and a front panel LED indicator illuminates. An overvoltage protection eliminates current fluctuations and inrush.

Features

- Commercial audio amplifier
- 3 bands equalizer
- Balanced input
- LED indicators for signal, current peak, overheat and protection.
- Suitable for low impedance (4/ 8Ω) and high impedance (70/ 100V).
- 2 HU rack enclosure

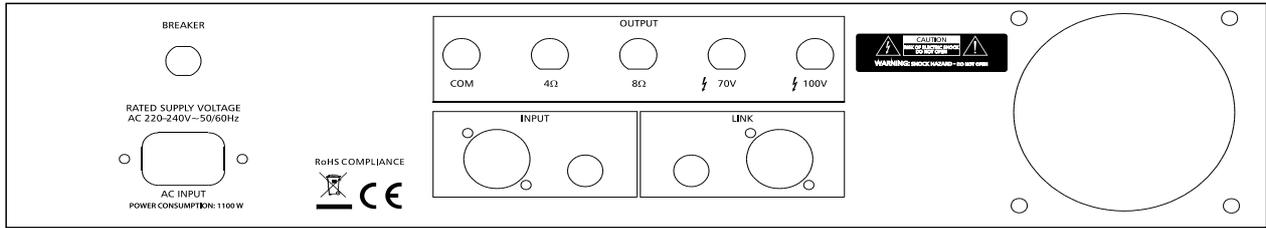
Dimensions

* In mm.



PA 5000

Rear View



Specifications

Type:		Power amplifier
Output Power:	Rated:	480W RMS
(Impedance/Sensitivity)	INPUT 1	600Ω /2.8 mV (-31 ±2 dBV) unbalanced w/ P. Power
(Max. input level):	INPUT 1	3.98V / +14 dBu
(Connection type):	INPUT 1	XLR 3 pin / Jack 1/4"
Outputs	LINK	Line level - 20 kΩ / 1V (2.21 dBu) balanced
	POWERED	Low Impedance (4/8Ω) + Voltage Line (70/100V)
THD + N		Less than 1% at 1 kHz, rated power
Frequency Response:	INPUT 1	50 Hz - 20 kHz ±3 dB
S/N Ratio:	INPUT 1	> 90 dB
Tone Controls	Bass	±12 dB/ 20 Hz - 80 Hz / Centre freq. 30 Hz
	Middle	±12 dB/ 350 Hz - 2 kHz / Centre freq. 800 Hz
	Treble	±12 dB/ 6k3 Hz - 20 kHz / Centre freq. 16 kHz

Power Supply:	AC 115/230V, 50/60 Hz ±10%
Consumption:	1100W
Static power consumption:	20W
Dimensions:	483 x 88 x 490 mm (2 HU 19" rack)
Weight:	20 kg

Block Diagram

