

PLE-1P 120/240 Power Amplifiers

Features:

- 120 and 240 W power amplifier
- 1V Line Level Balanced Input
- 70V, 100V & 8ohm Outputs
- Temperature Controlled Forced Ventilation
- 24 VDC Backup Power With Built in Charger



Power Amplifier

The PLE-1P120 and PLE-1P240 are two high-power plug-and-play amplifiers that deliver 120 and 240 Watts to constant voltage or 8 ohm loads. Built with premium quality and protections, they offer basic functionality at a budget price. The amplifiers offer straight 1 V and 100 V line in, and 70 V, 100 V and 8 ohms out. They can extend the power of the PLE- series mixer amplifiers, be combined with any audio mixer, work anywhere where more power on an existing 100 V line is needed or when a line level signal is provided.

The unit operates both on mains power and on a 24 V battery power supply for emergency back up, with automatic switchover. The amplifier also has a built in charger to charge

the connected battery. The system has a balanced input and loop-through facility. This makes it easy to connect multiple amplifiers. The secondary input is a 100 V line input to connect the amplifier to a 100 V loudspeaker line to provide more power in remote locations.

Gain or level control is located on the rear of the unit to avoid accidental setting change. A meter with LED bar shows the output level.

The amplifier has a 70 V or 100 V output for constant voltage loudspeaker systems, and a low impedance output for 8 ohm loudspeaker loads.

Mains power supply

Voltage	115 - 230 VAC ±10%, 50/60 Hz
Inrush Current PLE-1P120-EU	4.5/9 A (230/115 VAC)
Inrush Current PLE-1P240-EU	9/18 A (230/115 VAC)
Power consumption PLE-1P120-EU	380 VA
Power consumption PLE-1P240-EU	760 VA

Battery power supply

Voltage	24 VDC ±15%
Current PLE-1P120-EU	5.5 A
Current PLE-1P240-EU	11 A
Charge current	0.5 ADC
Charge float voltage	27.3 VDC

Max / rated power PLE-1P120-EU

180 W / 120 W

Max / rated power PLE-1P240-EU

360 W / 240 W

Power reduction on backup power

-1 dB

Frequency response

50 Hz to 20 kHz (+1/-3 dB @ -10 dB ref. rated output)

Distortion

<1% @ rated output power, 1 kHz

Dimensions (H x W x D)

100 x 430 x 270 mm (19" wide, 2U high)

Mounting

Stand-alone, 19" rack

Color

Charcoal

Weight (PLE-1P120-EU)

Approx. 10.5 kg

Weight (PLE-1P240-EU)

Approx. 12.5 kg