

AMP-1120

Single-Channel 120 W Power Amplifier | Technical Datasheet

The AMP-1120 is a compact commercial audio power amplifier for distributed 100 V loudspeaker systems and low-impedance 8 Ω installations. It offers flexible analog input connections, bass and treble adjustment, selectable output modes and integrated protection circuitry.

Key Features

- 120 W rated output in bridged 100 V mode; 2 $\times$ 60 W at 8 Ω
- RCA and Euroblock line inputs; Euroblock speaker output
- Selectable 100 V / 8 Ω operation and high-pass filter switch
- Bass and treble tone controls (± 10 dB)
- Power, signal, clip and protection indicators
- Fan cooling and current limiting, thermal and DC-offset protection
- Compact half-rack enclosure with rack-mount bracket option

Technical Specifications

Model	AMP-1120
Rated output power, 8 Ω	2 $\times$ 60 W
Bridged output, 100 V	120 W
Speaker output modes	100 V / 8 Ω
Input sensitivity / impedance	0 dBu / 10 k Ω , balanced or unbalanced
Frequency response	80 Hz – 17 kHz (+1 / –3 dB)
Signal-to-noise ratio	>80 dB (A-weighted)

Technical Specifications (continued)

Total harmonic distortion	<1% at rated power, 1 kHz
Tone controls	Bass: 100 Hz ± 10 dB; Treble: 10 kHz ± 10 dB
Power supply	AC 220–240 V, 50/60 Hz (regional variant)
Power consumption	195 W
Operating temperature	0 °C to +40 °C
Dimensions (W × H × D)	215 × 44 × 330 mm
Net weight	3.3 kg

The 2 × 60 W at 8 Ω and 120 W bridged at 100 V ratings describe alternative operating configurations, not simultaneous outputs. Confirm the appropriate mains-voltage version before installation.

Product Overview

