

Section Public Address

Category Amplifiers

Serie AXD1000

Code AXD1120

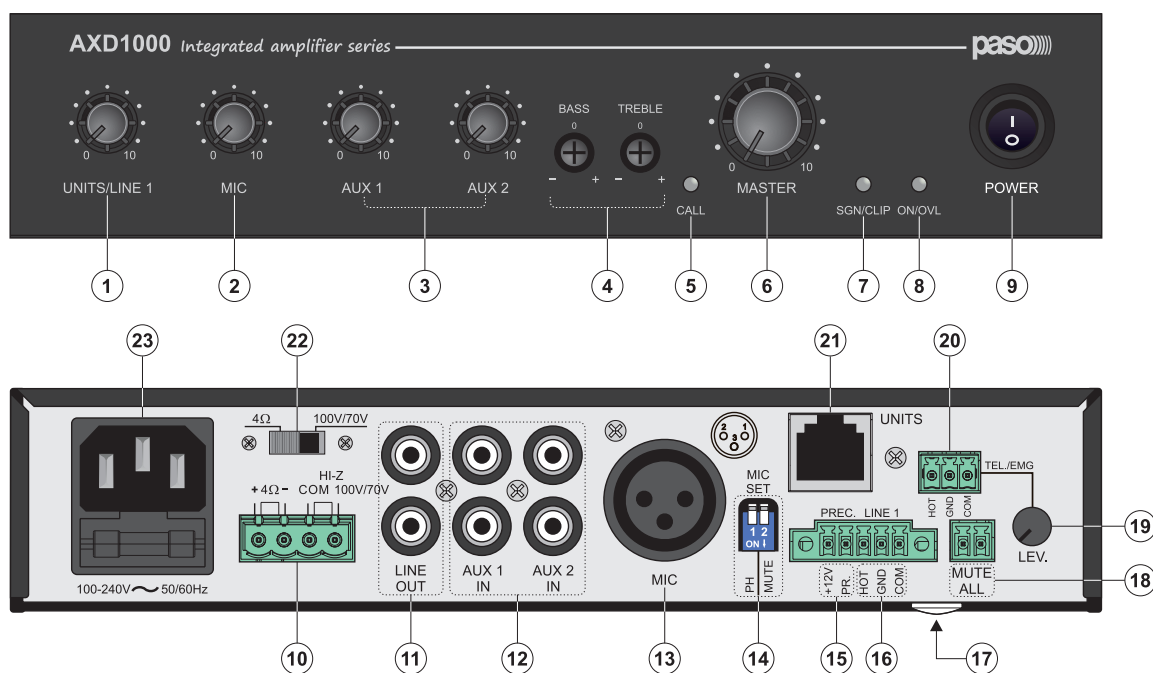
Description 120 W Integrated amplifier



The Class D amplifier **AXD1120** is characterised by a compact frame size and offers the possibility to connect:

- PASO **B711-G** / **B53-C** preamplified microphone units.
- PASO **B701-MG** non-preamplified microphone units.
- 2 high-level music sources (mp3 player, compact disc player).
- dynamic and electret microphones with Phantom power equipped with an XLR plug.
- a telephone system with balanced line-level audio output.

This amplifier is suitable for desktop installation, but is prepared for mounting in PASO 19" rack cabinets using the optional accessories **AC1001-RCK** (single configuration) and **AC1002-RCK** (double configuration).



1. Preamplified microphone input level controls / preamplified base units.
2. Microphone input level control.
3. Auxiliary input level control.
4. Tone controls.
5. Active call indicator.
6. General volume control.
7. Amplified output signal indicator.
8. Output signal overload indicator.
9. ON/OFF switch.
10. Impedance loudspeakers output terminal block / 70V/100V constant voltage.
11. Line output.
12. Auxiliary inputs.
13. XLR microphone input.
14. Selector switch for Phantom power operation mode and priority activation.
15. +12V and PR precedence connection for MIC and LINE 1 inputs.
16. Priority line level balanced audio input.
17. Level adjustment of Chime warning signal (accessible from the bottom of the equipment).
18. Contact for muting all device inputs.
19. TEL./EMG output level adjustment.
20. Connection to TEL./EMG (balanced line audio signal) with VOX activation.
21. RJ45 socket for UNITS input of preamplified microphone units type PASO B711-G.
22. Low impedance or constant voltage 70V/100V amplifier output selector.
23. Mains plug with built-in fuse.

Technical data

MODEL	AXD1120
Rated power output	120 W
Constant voltage outputs	70 V - 100 V
Low impedance outputs	4 Ω
Distorsion at rated power	< 1%
Tones control	
Bass tones	± 10 dB (100 Hz)
Treble tones	± 10 dB (10 kHz)
MIC input	XLR
Sensitivity	0.9 mV
S/N Ratio	> 60 dB
Frequency response (± 3 dB)	100 \div 15,000 Hz
UNITS/LINE1 input	RJ45 & Terminal block
Sensitivity	290 mV
S/N Ratio	> 65 dB
Frequency response (± 3 dB)	85 \div 18,000 Hz
Maximum allowed absorption	120 mA / 12 V
AUX 1 / AUX 2 inputs	RCA
Sensitivity	230 mV
S/N Ratio	> 70 dB
Frequency response (± 3 dB)	85 \div 18,000 Hz
TEL./EMG input	Terminal block
Sensitivity	150 mV
S/N Ratio	> 70 dB
Frequency response (± 3 dB)	200 \div 15,000 Hz
VOX activation threshold	70 \div 80 mV
Signal outputs	RCA
Line OUT	900 mV / 100 Ω
Operating conditions	
Mains power supply	230 Vac / 115 Vac (50/60 Hz)
Consumption	225 VA
General information	
Dimensions (W x H x D)	215 x 44 x 315 mm (19" 1/2 rack, H=1U)
Net weight	2.6 kg