

Section **Public Address**

Category **CMDS Compact Systems**

Serie **PAD1000**

Code **PAD1120**

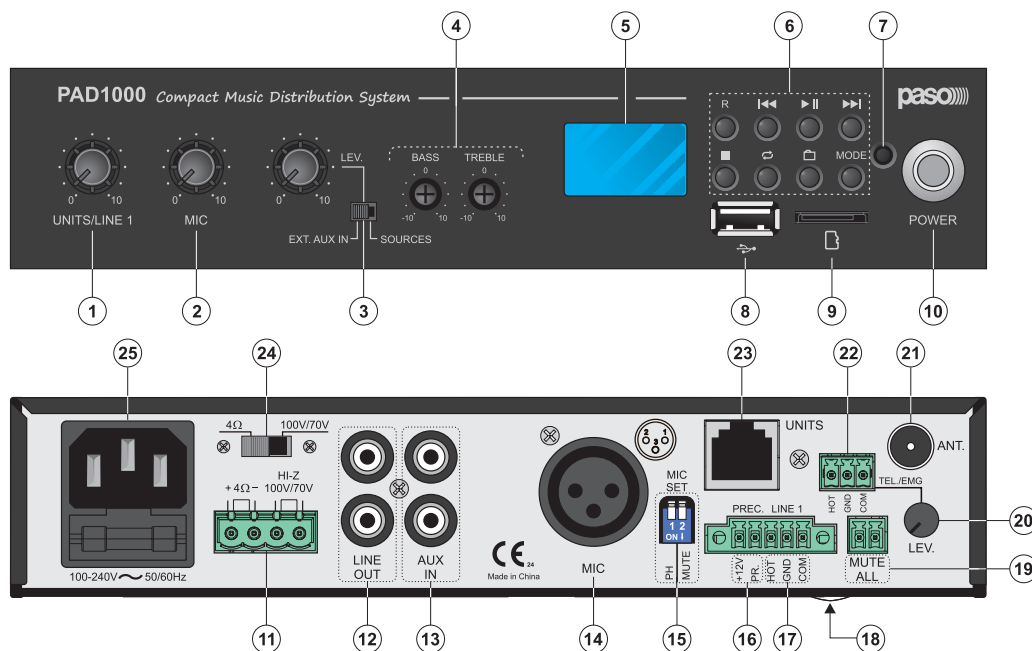
Description **120 W Compact Music Distribution System**



The **PAD1120** compact system integrates in a single unit a reliable amplifier, an MP3 player, a MICRO SD card reader, a USB socket for connection to external memories, a digital DAB and FM tuner and a Bluetooth™ player, as well as a host of typical public address system functions. It offers the possibility to connect:

- PASO **B711-G** / **B53-C** preamplified microphone units.
- PASO **B701-MG** non-preamplified microphone units.
- Dynamic and electret microphones with Phantom power equipped with an XLR plug.
- A telephone system with balanced line-level audio output.

The PAD1120 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. Microphone input level controls / pre-amplified microphone units.
2. Microphone input level control.
3. Auxiliary input / Music source selector and relevant level control.
4. Tone controls.
5. Display.
6. Playback function keys.
7. Infrared sensor for remote control.
8. USB input.
9. Micro SD input.
10. ON/OFF button.
11. Loudspeakers terminal strip.
12. Line output.
13. Auxiliary input.
14. XLR microphone input.
15. Selector switch for Phantom power operation mode and priority activation.
16. +12V and PR precedence connection for MIC and LINE 1 inputs.
17. Priority line level balanced audio input.
18. Level adjustment of Chime warning signal (accessible from the bottom of the equipment).
19. Contact for muting all device inputs.
20. TEL./EMG output level adjustment.
21. FM/DAB radio antenna socket.
22. Connection to TEL./EMG (balanced line audio signal) with VOX activation.
23. RJ45 socket for UNITS input of preamplified bases type PASO B711-G (max 4 units in parallel with 200 meters distance).
24. Low impedance or constant voltage 70V/100V amp output selector.
25. Mains plug with built-in fuse.

Technical data

MODEL	PAD1120
Rated power output	120 W
Constant voltage outputs	70 V - 100 V
Low impedance outputs	4 Ω
Distortion	< 1%
<b>Tones control</b>	
Bass tones	± 10 dB (100 Hz)
Treble tones	± 10 dB (10 kHz)
<b>MIC input</b>	
<b>XLR</b>	
Sensitivity	2 mV
S/N Ratio	> 70 dB
Frequency response (± 3 dB)	150 ÷ 18.000 Hz
Phantom power supply	24 Vdc
<b>UNITS/LINE1 input</b>	
<b>RJ45</b>	
Sensitivity	290 mV
S/N Ratio	> 75 dB
Frequency response (± 3 dB)	150 ÷ 18.000 Hz
<b>AUX IN input</b>	
<b>RCA</b>	
Sensitivity	230 mV
S/N Ratio	> 70 dB
Frequency response (± 3 dB)	85 ÷ 18.000 Hz
<b>TEL./EMG input</b>	
<b>Terminal block</b>	
Sensitivity	150 mV
S/N Ratio	> 70 dB
Frequency response (± 3 dB)	150 ÷ 18.000 Hz
<b>Signal outputs</b>	
<b>RCA</b>	
Line OUT	900 mV / 100 Ω
<b>Sources</b>	
FM frequency range	87.5 ÷ 108.00 MHz
No. of DAB / DAB+ stations	Up to 100
USB / SD	File *.mp3 / *.wav / *.aac
Bluetooth™	Vers. 2.1
<b>Operating conditions</b>	
Mains power supply	230 Vac / 115 Vac (50/60 Hz)
Consumption	225 VA
<b>General information</b>	
Dimensions (W x H x D)	215 x 44 x 315 mm (19" 1/2 rack, H=1U)
Net weight	1.95 kg