

Section	Public Address
Category	CMDS Compact Systems
Range	PA1000
Code	PA1060, PA1120, PA1240
Description	60W / 120W / 240 W Compact sound-broadcasting systems

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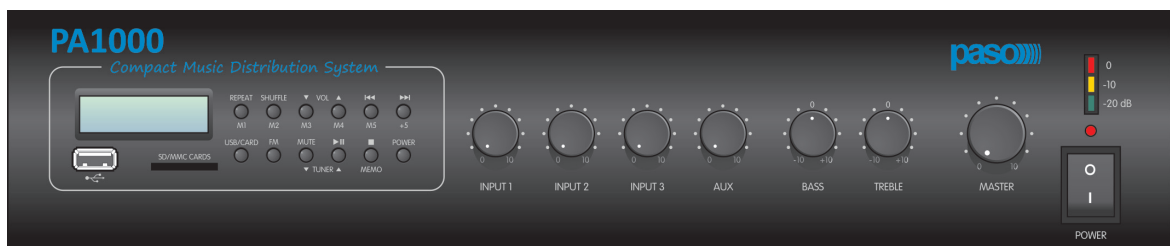
CMDS Compact Systems

PA1000

PA1060, PA1120, PA1240

60W / 120W / 240 W Compact sound-broadcasting systems

The compact systems of the **PA1000** range combine in a single piece of equipment a reliable amplifier, an MP3 player, an SD/MMC card reader, an USB socket for connection to external storage units and a digital FM tuner, in addition to a range of functions typical of sound-broadcasting systems.



The XLR sockets on the rear panel can be separately configured as microphone inputs (with or without phantom power supply) or as line inputs. The operating mode can be selected by means of the specific three-position switches. Each of these inputs has its own level control so as to be able to adjust the amplitude of the various different signals suitably. In addition, the INPUT 1 microphone input has an automatic precedence function (VOX): when speaking with the microphone connected to this input, all the music and microphone inputs will be automatically muted.

It is possible to connect any PASO microphone of the dynamic type and **B701-MG** and **B701-PG** microphone bases to the equipment of the PA1000 range.

Functional features

- MP3 file player via USB, SD or MMC card.
- FM digital tuner.
- n°3 MIC./LINE inputs with operating mode selector switches.
- n°1 VOX input (INPUT 1).
- n°1 auxiliary input for sound sources (TAPE/CD).
- XLR sockets for connection to dynamic microphones and/or B701-MG and B701-PG microphone stations.
- Terminal strip for loudspeakers output (25-70-100V/4Ω).
- Terminal strip for external 24 Vdc power supply.
- Terminal strip for microphone precedence.
- Possibility to connect an external equalizer and/or booster.
- Provisions for mounting in a standard 19" rack using optional specific accessories.
- Selectable mains power (230/120 Vac).

TECHNICAL SPECIFICATIONS	PA1060		PA1120		PA1240	
RMS output power (THD <1%)	60 W		120 W		240 W	
Constant voltage outputs	100, 70, 25 V					
Low impedance outputs	4 Ω					
Tones control						
Bass tones @100 Hz	± 12 dB					
Treble tones @10 kHz	± 11 dB					
Microphone/line inputs	MIC.	LINE	MIC.	LINE	MIC.	LINE
Input sensitivity/impedance	3 mV / 1,5 kΩ	250 mV / 100 kΩ	3 mV / 1,5 kΩ	250 mV / 100 kΩ	3 mV / 1,5 kΩ	250 mV / 100 kΩ
S/N Ratio	68 dB	72 dB	70 dB	76 dB	70 dB	76 dB
S/N Ratio ('A' weighted)	73 dBA	80 dBA	73 dBA	82 dBA	73 dBA	82 dBA
INPUT 1 VOX activation threshold	0,9 mV	-	0,9 mV	-	0,9 mV	-
Frequency response	35 ÷ 16.000 Hz					
Phantom supply	18 V / 2,2 kΩ	-	18 V / 2,2 kΩ	-	18 V / 2,2 kΩ	-
Auxiliary input						
Sensitivity/impedance	400 mV / 22 kΩ					
S/N Ratio	78 dB		80 dB		80 dB	
S/N Ratio ('A' weighted)	85 dBA		82 dBA		85 dBA	
Frequency response	30 ÷ 18.000 Hz					
VOX and precedence attenuation	-60 dB					
PWR IN input						
Input sensitivity/impedance	1 V / 22 kΩ					
S/N Ratio	85 dB		93 dB		93 dB	
S/N Ratio ('A' weighted)	100 dBA		100 dBA		100 dBA	
Frequency response	30 ÷ 18.000 Hz					
LINE OUT output						
Output level/impedance	1 V / 200 Ω					
PRE OUT output						
Output level	1 V					
Consumption						
230/120V±10% 50/60 Hz Mains power supply	P= 150 W		P= 300 W		P= 600 W	
External 24Vdc power supply	4 A		10 A		20 A	
Dimensions (W x H x D)	430 x 88 x 270 mm					
Weight	6,3 kg		8,3 kg		10,5 kg	