

Section Public Address

Category Amplifiers

Range AX6000

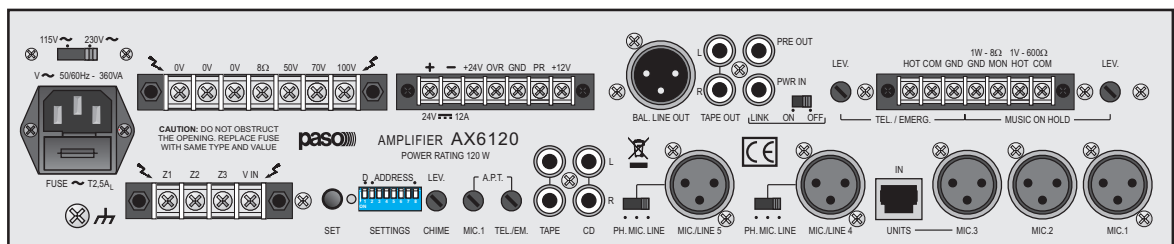
Code AX6120

Description **120 W Mixer/Amplifier (3 zones)**

Mixer/amplifier AX6120 has an internal CPU capable of managing the selections, the Chime/VOX functions and microphone stations. The main feature of these pieces of equipment is the possibility of making a detailed choice of operating mode of the equipment by means of DIP switches that enable the settings of all the operating parameters to be checked and/or changed:

- priority management.
- muting of inputs.
- warning signal and enabling of the VOX function.
- zone call (up to 3).
- VOX release time.

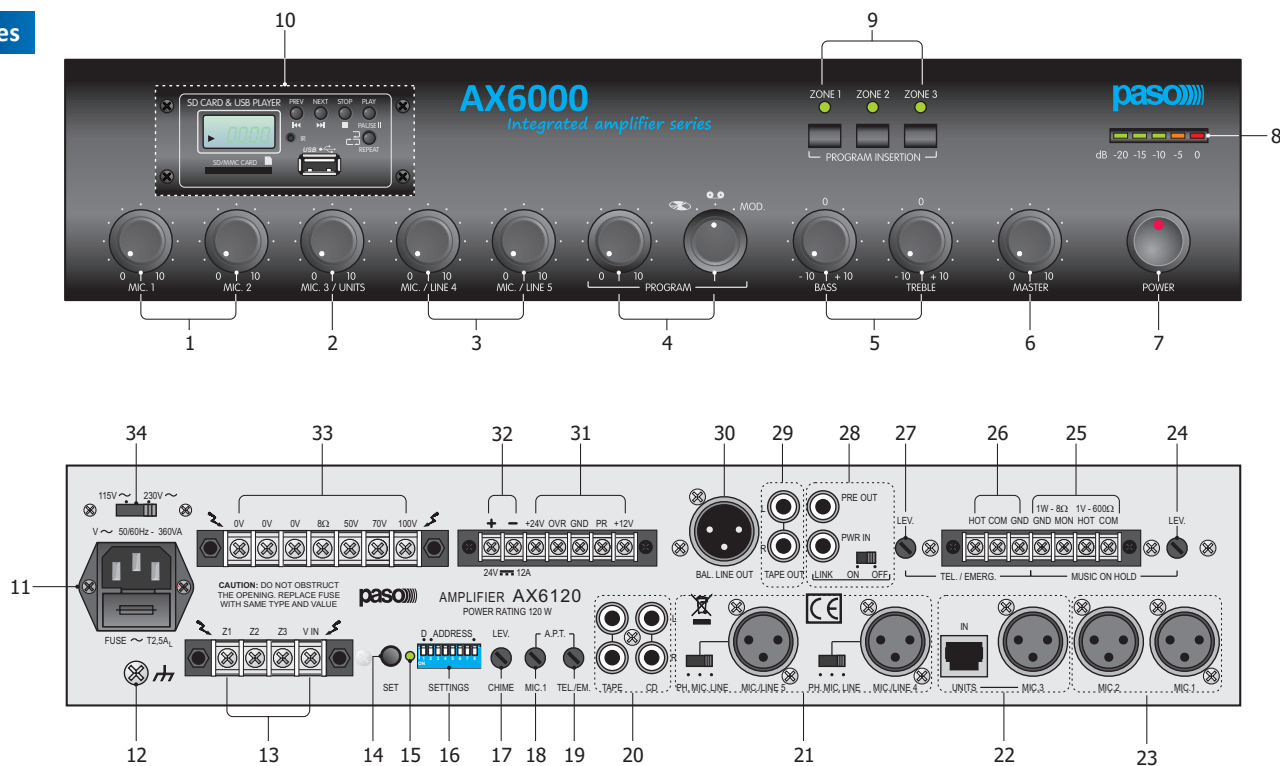
The AX6120 is equipped with three zone selection keys and with a compartment for holding an optional module enabling external devices such as an SD/MMC card or a USB storage unit to be read. The module is supplied with a remote control.



Functional features

- 2-off XLR balanced/unbalanced microphone inputs, with Phantom supply.
- 1-off microphone input (XLR) / PMB Series microphone station (RJ45).
- 2-off MIC./LINE inputs with operating mode selection.
- 2-off auxiliary inputs for external sound sources (TAPE/CD).
- 1-off emergency input from PABX.
- 3-off zones activation keys.
- Socket for connection of PMB106/PMB106-G microphone stations (RJ45 connector, CAT5 SFTP cable).
- Balanced line output for connection with other amplifiers.
- Loudspeakers output terminal strip (50-70-100V/8Ω).
- Terminal strip for external DC power supply.
- Precedence and override terminal strip.
- "MUSIC ON HOLD" terminal strip.
- Activation threshold/level control of the warning signal (Chime).
- Output for recorder.
- Selectable mains voltage (230/115V).

References



Detail of the optional module

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| <ol style="list-style-type: none"> 1. Level control for microphone inputs. 2. Microphone input/unit level control. 3. Microphone input/line level control. 4. Level control and auxiliary inputs selection. 5. Tone controls. 6. General volume control. 7. Mains switch. 8. Output level indicator. 9. Music activation keys. 10. SD CARD/USB reader (optional). 11. Mains plug with built-in fuse. 12. Frame connection. 13. Zones output terminal strip. 14. Push-button for settings. 15. LED for confirming acquisition of settings. 16. DIP switches for making settings. 17. Level control of the warning signal. | <ol style="list-style-type: none"> 18. MIC.1 precedence threshold adjustment. 19. TEL./EMERG. precedence threshold adjustment. 20. Auxiliary inputs. 21. MIC/LINE inputs 4-5 and operating mode switches. 22. MIC3/PMB range Unit input. 23. Microphone inputs. 24. MUSIC ON HOLD output level adjustment. 25. MUSIC ON HOLD line and power outputs. 26. Emergency input from PABX. 27. Telephone input level adjustment. 28. Socket for an external equaliser. 29. Output for recorder. 30. Balanced line output. 31. Precedence and override connections. 32. Terminal strip for external DC power supply. 33. Loudspeakers output terminal strip. 34. Mains voltage selector switch. |
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Technical data

Rated output power	120 W
Constant voltage outputs	50 - 70 - 100 V
Low impedance outputs	8 Ω
Distorsion at rated power	<1%
Tones control	
Bass tones @100 Hz	\pm 10 dB
Treble tones @10 kHz	\pm 10 dB
MIC.1 and MIC.2 microphone inputs	
Sensitivity/Impedance	1,2 mV / 1300 Ω
S/N Ratio	66 dB
Frequency response	40 \div 19.000 Hz
Phantom supply	17,5 V
VOX MIC.1 activation threshold	0,2 \div 22 mV
MIC.3/UNITS microphone input	
Sensitivity/Impedance	MIC.3: 1,3 mV / 1,5 k Ω ; UNITS: 900 mV / 47 k Ω
S/N Ratio	MIC.3: 66 dB ; UNITS: 71 dB
Frequency response	MIC.3: 40 \div 19.000 Hz ; UNITS: 60 \div 15.000 Hz
MIC./LINE 4 and MIC./LINE 5 microphone inputs	
Sensitivity/Impedance	MIC: 1,3 mV / 1300 Ω ; LINE: 140 mV / 130 k Ω
S/N Ratio	MIC: 66 dB ; LINE: 75 dB
Frequency response	MIC: 35 \div 17.000 Hz ; LINE: 30 \div 20.000 Hz
Auxiliary inputs	
CD Input sensitivity/impedance	600 mV / 35 k Ω
TAPE Input sensitivity/impedance	300 mV / 18 k Ω
S/N Ratio	80 dB
Frequency response	30 \div 20.000 Hz
Precedence attenuation	60 dB
Telephone input	
Sensitivity/Impedance	120 mV / 5,5 k Ω
S/N Ratio	> 80 dB
Frequency response	250 \div 20.000 Hz
Telephone input activation threshold	10 \div 250 mV
Signal outputs	
MOH Line	2,6 V / 300 Ω
MOH Monitor power	1,8 W / 8 Ω
PRE OUT Output	1 V / 3,7 k Ω
TAPE OUT Output	1,2 V / 2 k Ω
LINE OUT Output	1,3 V / 4 k Ω
Operating conditions	
230V \pm 10% 50/60 Hz Mains power supply	P=280W ; A=325 VA
115V \pm 10% 50/60 Hz Mains power supply	P=270W ; A=300 VA
External DC power supply	24 V / 6,9 A (0,3 A @ POUT=0 W)
Dimensions	432 x 88 x 360 mm
Weight	9,5 kg