

Section	Public Address
Category	Amplifiers
Range	AX3500
Code	AX3504
Description	40W Amplifier

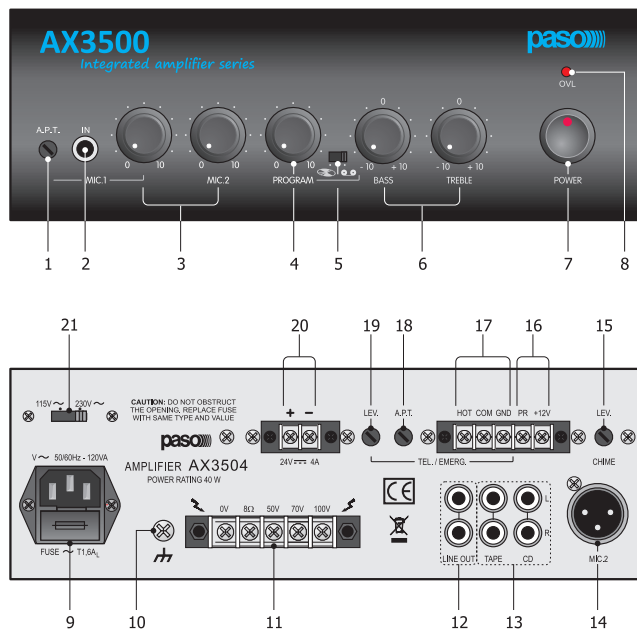


The AX3504 amplifier has two balanced microphone inputs, one of them with an automatic precedence function (VOX). Two auxiliary inputs on RCA sockets enable connection to sources of music; there is a selector switch on the front panel for selecting the desired source. A line output is available for connection in cascade fashion of a second amplifier or of a recorder, if required.

The equipment has provisions for connecting it to a telephone system by means of a terminal strip. This input, of the balanced type, has its own level control and has a VOX circuit for broadcasting messages with a higher priority than any other input (except for the microphone connected via the front panel).

A precedence contact, available on the terminal strip, activates priority of the microphones over the sources of music and at the same time sends out a warning signal (CHIME). In order to exploit effectively the precedence function, it is possible to use the B701-M/B701-MG microphone stations. Rack-mounting is possible using a specific accessory. The output terminal strip enables low-impedance loads (8Ω) or constant-voltage loads (50, 70 and 100 V) to be connected. Selectable mains power supply (230/115V).

References



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| <ol style="list-style-type: none"> 1. MIC.1 VOX activation threshold control. 2. MIC.1 balanced microphone input (with VOX). 3. Microphone input level controls. 4. Auxiliary input level control. 5. Auxiliary input selector. 6. Tone controls. 7. Mains switch. 8. Overload signalling LED. 9. Mains plug with built-in fuse. 10. Frame connection. 11. Loudspeaker output terminal strip. | <ol style="list-style-type: none"> 12. Line output. 13. Auxiliary inputs. 14. MIC.2 balanced microphone input. 15. Adjustment of the level of the warning signal (Chime). 16. Terminal strip for precedence contact. 17. Balanced telephone input. 18. Telephone input activation threshold adjustment. 19. Telephone input level adjustment. 20. Terminal strip for external DC power supply. 21. Mains voltage selector switch. |
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Technical data

Rated power output	40 W
Constant voltage outputs	50 - 70 - 100 V
Low impedance outputs	8 Ω
Distortion at rated output	<0,5%
Tones control	
Bass tones @100 Hz	\pm 10 dB
Treble tones @10 kHz	\pm 10 dB
MIC.1 microphone input (front panel)	
Sensitivity/Impedance	1 mV / 1300 Ω
S/N Ratio	64 dB
Frequency response	35 \div 20.000 Hz
MIC.2 microphone input (rear panel)	
Sensitivity/Impedance	1 mV / 1300 Ω
S/N Ratio	61 dB
Frequency response	35 \div 20.000 Hz
Phantom supply	16,5 V
Auxiliary inputs	
CD Sensitivity	520 mV
TAPE Sensitivity	250 mV
S/N Ratio	75 dB
Frequency response	30 \div 20.000 Hz
Telephone input	
Sensitivity/Impedance	150 mV / 6 k Ω
S/N Ratio	73 dB
Frequency response	170 \div 12.000 Hz
Signal outputs	
Line OUT	880 mV / 100 Ω
Operating conditions	
230 V \pm 10% 50/60 Hz Mains power supply	P=100W ; A=117 VA
115 V \pm 10% 50/60 Hz Mains power supply	P=96W ; A=110 VA
External DC power supply	24 V / 2,8 A (0,1 A @ POUT=0 W)
Dimensions	275 x 88 x 230 mm
Weight	4,2 kg