

Section Public Address

Category Amplifiers

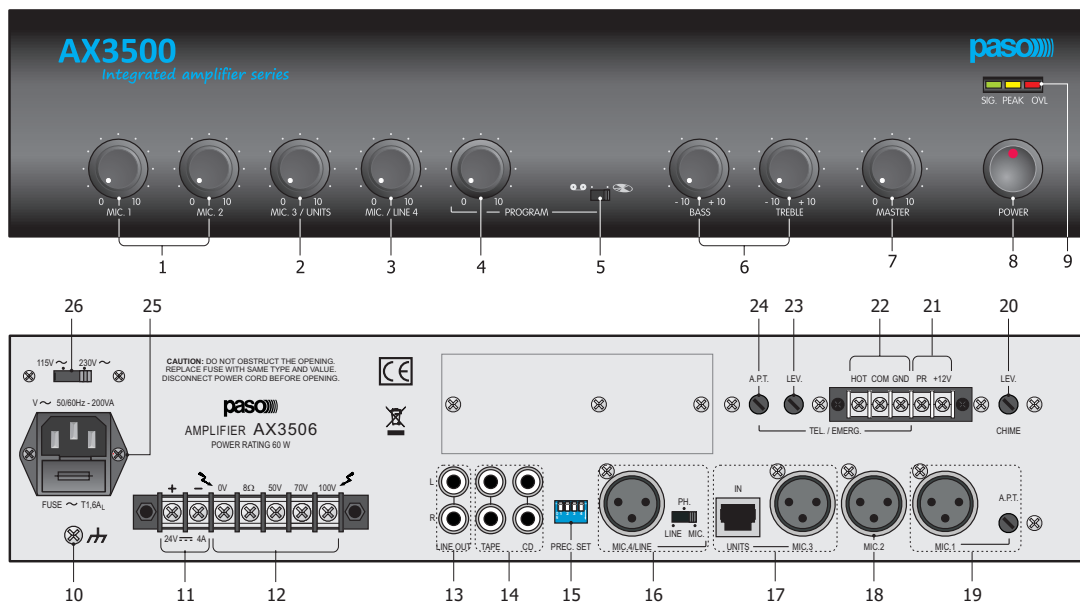
Range AX3500

Code AX3506

Description 60W Amplifier



- 1-off XLR microphone input with Phantom power supply / desk microphones B711 Series (RJ45, CAT5 SFTP cable).
- 1-off MIC./LINE inputs with Phantom, MIC or LINE selector.
- 2-off XLR balanced microphone inputs with Phantom power supply (MIC 1 with A.P.T. adjustment).
- 2-off AUX inputs for sound sources (TAPE/CD).
- Micro-switches for setting priorities and input functions.
- Up to 8 desk microphone with cascade connection.
- TEL./EMERG input for emergency calls from PABX (line level), with input level and activation threshold (A.P.T.) adjustments.
- Line auxiliary output.
- Loudspeakers line outputs (constant voltage: 50-70-100 V / low impedance: 8 ohm).
- Terminal strip for 24Vdc external power supply.
- Terminal strip for precedence connection.
- Warning signal (Chime) level adjustment.
- Rack mounting with **AC3500** accessory.



1. Level control for microphone inputs.
2. Microphone input/unit level control.
3. Microphone input/line level control.
4. Auxiliary input level control.
5. Auxiliary input selector.
6. Tone controls.
7. General volume control.
8. Mains switch.
9. Vu-Meter.
10. Frame connection.
11. Terminal strip for external DC power supply.
12. Loudspeakers output terminal strip.
13. Line output.
14. Auxiliary inputs.
15. DIP switches for making settings.
16. MIC/LINE input 4 and relevant mode selector switch.
17. MIC.3/microphone station input.
18. MIC.2 input.
19. MIC.1 input and relevant VOX precedence activation threshold adjustment.
20. Level control of the warning signal.
21. Precedence connections.
22. Emergency input from PABX.
23. Telephone input level adjustment.
24. TEL./EMERG. input precedence activation threshold adjustment.
25. Mains plug with built-in fuse.
26. Mains voltage selector switch.

**Technical data**

Rated power output	60 W
Constant voltage outputs	50 - 70 - 100 V
Low impedance outputs	8 $\Omega$
Distorsion at rated power	<1%
<b>Tones control</b>	
Bass tones @100 Hz	$\pm$ 10 dB
Treble tones @10 kHz	$\pm$ 10 dB
<b>MIC.1 Input</b>	
Sensitivity/impedance	0,9 mV / 900 $\Omega$
S/N Ratio	$\geq$ 62 dB
Frequency response	40 $\div$ 20.000 Hz
Phantom supply	17 V
VOX activation threshold	5,4 mV
<b>MIC.2 Input</b>	
Sensitivity/impedance	0,9 mV / 900 $\Omega$
S/N Ratio	> 62 dB
Frequency response	40 $\div$ 20.000 Hz
Phantom supply	17 V
<b>MIC.3/UNITS Input</b>	
Sensitivity/impedance	<i>MIC.3: 0,9 mV / 900 <math>\Omega</math> ; UNITS: 290 mV / 700 k<math>\Omega</math></i>
S/N Ratio	<i>MIC.3: 62 dB ; UNITS: 65 dB</i>
Frequency response	<i>MIC.3: 40<math>\div</math>20.000 Hz ; UNITS: 40<math>\div</math>20.000 Hz</i>
Phantom supply	17 V
<b>MIC.4/LINE Input</b>	
Sensitivity/impedance	<i>MIC.4: 0,9 mV / 900 <math>\Omega</math> ; LINE: 90 mV / 50 k<math>\Omega</math></i>
S/N Ratio	<i>MIC.4: 62 dB ; LINE: 70 dB</i>
Frequency response	<i>MIC.4: 40<math>\div</math>20.000 Hz ; LINE: 40<math>\div</math>20.000 Hz</i>
Phantom supply	17 V
<b>Auxiliary inputs</b>	
CD Sensitivity	450 mV
TAPE Sensitivity	230 mV
S/N Ratio	70 dB
Frequency response	35 $\div$ 20.000 Hz
<b>Telephone input</b>	
Sensitivity/impedance	150 mV / 6 k $\Omega$
S/N Ratio	72 dB
Frequency response	250 $\div$ 17.000 Hz
VOX activation threshold	73 mV
<b>Signal outputs</b>	
Line OUT	900 mV / 100 $\Omega$
<b>Operating conditions</b>	
230/115V Mains power supply	P=130W ; A=150 VA
External DC power supply	24 V / 3,4 A (0,1 A @ POUT=0 W)
Dimensions	430 x 88 x 234 mm
Weight	6,5 kg