**Boosters**

**AW5624**

**240W Booster**

The AW5624 booster offers a connection for Series B700 microphone stations (RJ45 audio input with CAT5.E shielded SFTP cable).

**Main features**

- Possibility to power up to 6 stations B711 or B711-G on its own.
- Possibility to disable the front-panel controls, in order to avoid – during an emergency condition – the accidental alteration of all levels set by means of the trimmers.
- Balanced telephone input, priority on all other inputs; adjustable activation threshold and sensitivity.
- Balanced line input/output (XLR-F and XLR-M sockets, with adjustable sensitivity).
- Unbalanced line input (double stereo phono socket).
- Warning signal (Chime) with level adjustment.
- Loudspeakers outputs: 50/70/100V – 8Ω.
- General volume adjustment.
- Bass/Treble tones adjustment.
- Selectable mains power supply (230/115V).

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**Front panel**

1. Tone controls.
2. General volume control.
4. Output level indicator.
5. Mains plug with built-in fuse.
6. Frame connection.
7. Terminal strip for external DC power supply.
8. Terminal strip for loudspeaker output.
9. NORMAL/DIRECT switch.
10. Input for microphone stations and associated level control.
11. Unbalanced line input.
13. Line inputs level control.
14. Level control of the warning signal.
15. Precedence connections.
16. Emergency input from PABX.
17. Telephone input level adjustment.
18. Adjustment of the threshold for activating telephone precedence.
19. Mains voltage selector switch.

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**Rear panel**

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**Numbered references**
### Technical data

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<td>&lt;1%</td>
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**Tones control**

- **Bass tones**: ± 10 dB (100 Hz)
- **Treble tones**: ± 10 dB (10 kHz)

**Line input**

- **Sensitivity/impedance**: 300 mV/60 kΩ
- **S/N Ratio**: > 77 dB
- **Frequency response**: 30 ÷ 20,000 Hz (-3 dB)

**IN UNITS input**

- **Sensitivity/impedance**: 1250 mV
- **S/N Ratio**: > 78 dB
- **Frequency response**: 30 ÷ 20,000 Hz (-3 dB)

**Telephone input**

- **Input sensitivity/impedance**: 120 mV / 6 kΩ
- **S/N Ratio**: > 75 dB
- **Frequency response**: 230 ÷ 13,000 Hz (0/-3 dB)

**Operating conditions**

- **230 V Mains power supply ±10% 50/60 Hz**: P=535W ; A=610 VA
- **115 V Mains power supply ±10% 50/60 Hz**: P=490W ; A=560 VA
- **External DC power supply**: 24 V / 13,2 A (0,2 A @ POUT=0 W)
- **Dimensions**: 432 x 88 x 272 mm
- **Net weight**: 10.5 kg

PASO S.p.A. reserve the right to make changes to the drawings and specifications at any time and without notice.