

Category

Boosters

Code

AW5648

Range

AW5600

Description

480W Booster

The AW5648 booster offers a connection for Series B700 microphone stations (RJ45 audio input with CAT5.E shielded SFTP cable).

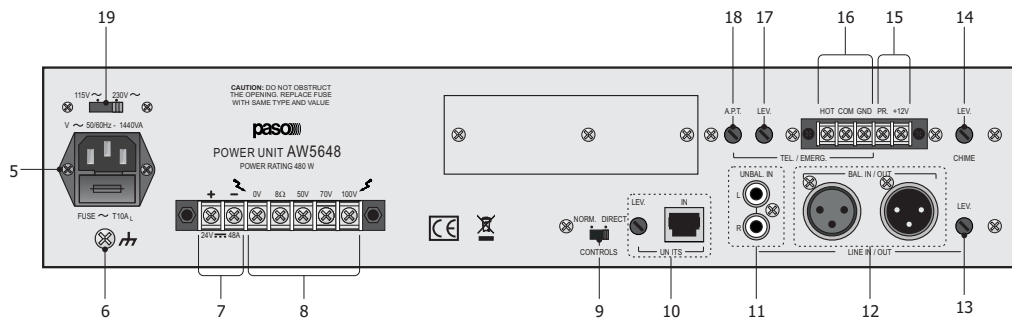
Main features

- 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).

Front panel



Rear panel



Numbered references

1. Tone controls.
2. General volume control.
3. Mains switch.
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.
12. Balanced line input/output.
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.

Technical data

Rated power output	480 W
Constant voltage outputs	50 - 70 - 100 V
Low impedance outputs	8 Ω
Distorsion at rated power	<1%
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	320 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=1160W ; A=1330 VA
115 V Mains power supply ±10% 50/60 Hz	P=1025W ; A=1170 VA)
External DC power supply	24 V / 33 A (0,8 A @ P _{OUT} =0 W)
Dimensions	432 x 88 x 272 mm
Net weight	16 kg

SOUND SYSTEM SPECIALIST