


PAB-5240

Power Amplifier (100V-240V)

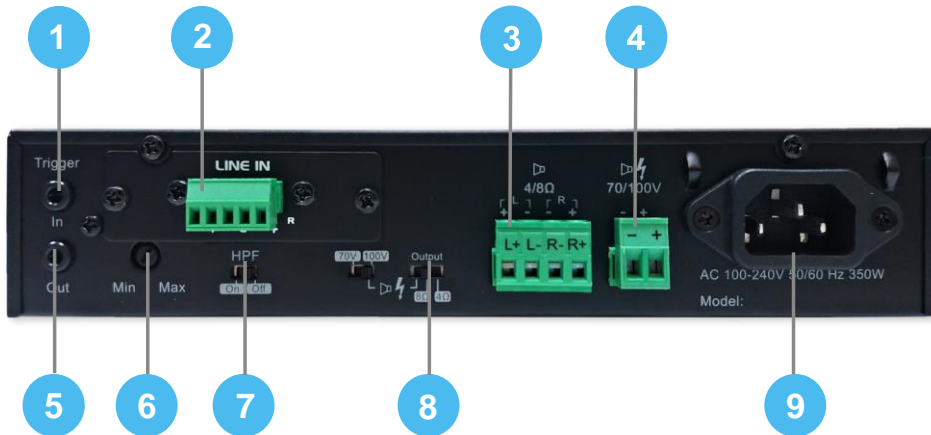


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Product Features

- ▶ Two channels model: 120W RMS/per channel. Adaptable with 4-8 Ohm loads; suitable for small to medium sized meeting rooms.
- ▶ Bridged mode 240W output for 70V or 100V loudspeakers (direct drive).
- ▶ Power down after 15 minutes of no signal and comply with Energy Star Power consumption limits of < 0.5W in standby.
- ▶ LED at the front panel to indicate the current operation status.
- ▶ Selection for power-up mode, standby mode, and trigger mode.
- ▶ Switch for High Pass Filter to reject the frequency below 80Hz, avoiding the damage to loudspeakers.
- ▶ Equipped 12VDC terminal block for remote detection and control.
- ▶ Short circuit & overheating protection without fan.



- 1) TRIGGER IN: apply 12VDC to active the unit.
- 2) LINE IN: 5 pin Euro terminal.
- 3) SPEAKER: connect with 4Ohm or 8Ohm loudspeakers.
- 4) 70V/100V: connect with constant- voltage speakers directly.

- 5) TRIGGER OUT: provide 12VDC to trigger another device.
- 6) LEVEL: adjust the level of output.
- 7) HPF: High Pass Filter (80Hz).
- 8) OUTPUT SELECT SWITCH: 4Ohm/8Ohm and HIZ for 70V/100V.
- 9) AC INPUT: AC input.

Hardware Specifications

Power Rating	120W@8Ω<1% THD+N
	120W@4Ω<1% THD+N
	240W Bridged 70V/100V <1% THD+N
Frequency	20Hz-20kHz, +/- 2dB@4Ω Load
Response	
Signal to Noise	>90dB@1W (20Hz-20kHz)
Input Sensitivity	1V (+2.2dBu)@Max Output 4Ω
Gain Value	25dB@4Ω
Input Impedance	>10k, Balanced
Maximum Input	12.3V (+24 dBu)
Level	
Trigger In/Out	DC12V
High Pass Filter	80Hz (±2dB)
Input Connector	5pin Euro terminal
Trigger Connector	3.5mm Jack
Output Connector	4pin Euro terminal (4Ω/8Ω) 2pin Euro terminal (70V/100V)

Physical Properties

Dimensions (WxHxD)	216 x 43 x 264mm
Net Weight	1.88kg
Cabinet 19"	1U

Power Supply

Voltage	AC 100~240V, 50-60Hz
Power Consumption	350W