

PV2050 PV2065 PV2080 PV2095

Dual-Channel Digital Power Amplifier (2U)



Description

The PV2050/PV2065/PV2080/PV2095 series is a 2U dual-channel digital power amplifier lineup designed to deliver robust output power for demanding sound reinforcement applications. With a durable standard-rack chassis and multiple operating modes—including stereo, parallel, and bridge—the series supports flexible system configuration across various venue sizes. It offers adjustable input sensitivity and professional connectivity via XLR, SPEAKON, and binding posts, ensuring seamless integration with different audio setups. Supported by comprehensive protection circuitry and independent channel control, the series provides stable, reliable performance for speech and high-power sound applications.

Features

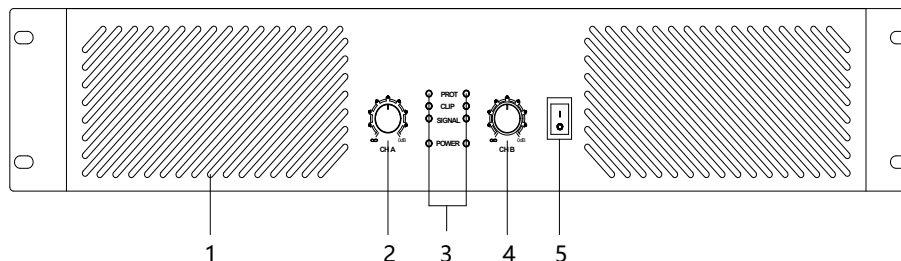
- Dual-channel stereo professional power amplifier.
- Brand-new appearance design with a standard 2U durable chassis, suitable for standard rack installation.
- A range of high-power amplifier options to meet different requirements.
- Adjustable input sensitivity: 0.775V, 1V, 1.44V.
- Three selectable output modes: dual-channel, mono, and BTL bridge, with an output mode switch.
- Independent volume control for each channel.
- Minimum load impedance: 4Ω in stereo mode, 8Ω in BTL mode.
- Equipped with XLR signal input interfaces for flexible and convenient use.
- Four standard binding posts and two professional SPEAKON speaker connectors for amplifier output.
- Protection and alarm functions including short-circuit protection, DC protection, and power on/off protection.
- LED indicators for each channel showing operating status, designed for low noise.
- Suitable for speech transmission and sound reinforcement in various applications.

Specifications

Model	PV2050	PV2065	PV2080	PV2095	PV2130	PV2150
Rated Output (Dual Channel, 8Ω)	2*500W	2*650W	2*800W	2*900W	2*1200W	2*1400W
Rated Output (Dual Channel, 4Ω)	2*750W	2*975W	2*1200W	2*1350W	2*1800W	2*2100W
Rated Output (Bridged Mode, 8Ω)	1500W	1900W	2400W	2700W	3600W	4200W
Output Mode	Stereo, Parallel, Bridge					
Signal-to-Noise Ratio	≥95dB (A-weighted)					
Input Sensitivity	0.775V/1V/1.44V					
Frequency Response	20-20KHz (±2dB)					
Distortion (Normal Operating)	≤0.3%					
Power Supply Range	AC220-230V 50/60Hz					
Protection	Over-current, over-temperature, short-circuit					
Net Weight	5.5kg	6.0kg	6.0kg	6.0kg	6.3kg	6.4kg
Product Dimensions	483*240*88mm					
Package Dimensions	550*395*195mm					

Front / Rear Panel

Front Panel



1. Heat Dissipation Vent

2. Channel A Volume Control Knob (Input Attenuation)

3. Operating Status Indicators:

PROT: Protection indicator. Lights up when over-temperature, DC output protection, or short-circuit protection is activated.

CLIP: Clipping indicator. Lights up when the amplifier is clipping. Reduce the gain to avoid prolonged signal clipping and protect the amplifier and connected speakers.

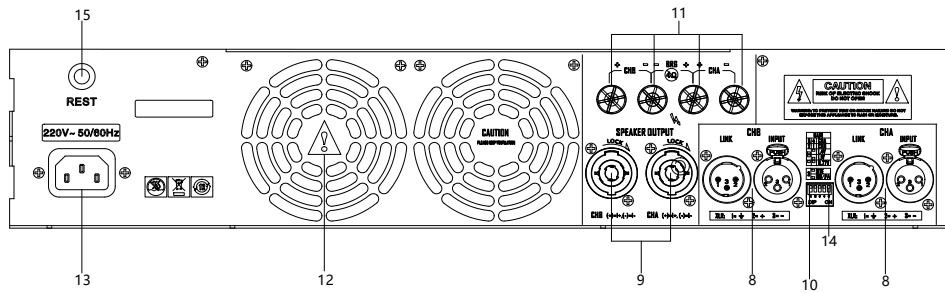
SIGNAL: Signal indicator, amplifier output indication. Lights up when the amplifier has signal output.

POWER: Power indicator. Indicates the power status for Channel A and Channel B.

4. Channel B Volume Control Knob (Input Attenuation)

5. Power Switch

Rear Panel



8. Channel A/B Signal Input and Output
9. Channel A/B Power Output (SPEAKON)
10. Operating Mode and Sensitivity Selection (DIP Switch)
11. Channel A/B Power Output (Binding Posts)
12. Fan Exhaust Vent
13. Power Socket
14. Operating Mode and Sensitivity Selection Reference Table
15. Current Limit Reset Switch