

## PV2050 PV2065 PV2080 PV2095 PV2130 PV2150

### Dual-Channel Digital Power Amplifier (2U)



### Description

The PV2050, PV2065, PV2080, PV2095, PV2130, and PV2150 series is a 2U dual-channel digital power amplifier lineup engineered to deliver robust output power for demanding sound reinforcement applications. Featuring a durable standard-rack chassis and multiple operating modes—including stereo, parallel, and bridge—the series supports flexible system configuration across a variety of venue sizes. It offers adjustable input sensitivity and professional connectivity via XLR, SPEAKON, and binding post terminals, ensuring seamless integration with diverse audio setups. Supported by comprehensive protection circuitry and independent channel control, the series delivers stable, reliable performance for speech and high-power sound reinforcement applications.

### Features

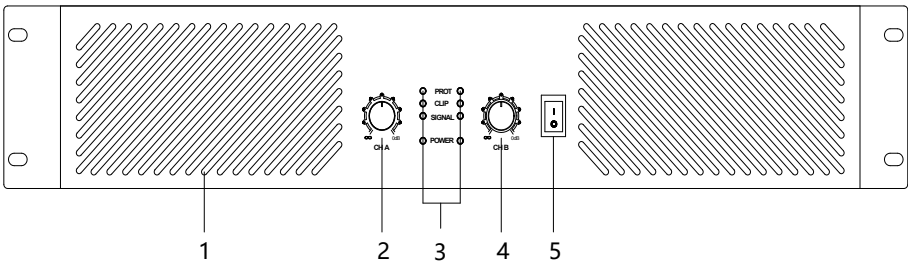
- Dual-channel stereo professional power amplifier.
- Brand-new appearance design with a standard 2U durable chassis, suitable for standard rack installation.
- A range of high-power amplifier options to meet different requirements.
- Adjustable input sensitivity: 0.775V, 1V, 1.44V.
- Three selectable output modes: dual-channel, mono, and BTL bridge, with an output mode switch.
- Independent volume control for each channel.
- Minimum load impedance: 4  $\Omega$  in stereo mode, 8  $\Omega$  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                                 |        |         |         |         |         |

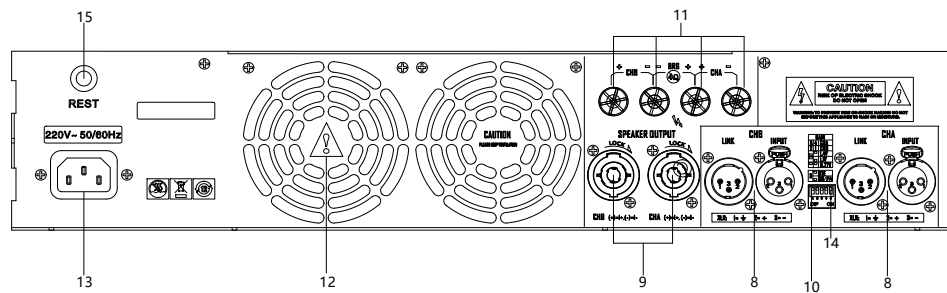
# Front / Rear Panel

## 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