



## DESCRIPTION

PA-4C125 is a versatile 4-channel digital amplifier designed for superior audio performance, efficiency, and flexibility in a wide range of professional sound applications. With a power output of 125 watts per channel, this amplifier delivers crystal-clear, distortion-free sound even at high volumes, making it ideal for conference systems, public address setups, and home audio installations.

## FEATURES

- High Power Output:** Delivers 4 x 125W of clean, stable power to drive multiple speakers efficiently.
- Advanced Digital Amplification:** Utilizes state-of-the-art digital processing for exceptional sound clarity, energy efficiency, and low heat generation.
- Compact and Lightweight Design:** Built to save rack space while ensuring ease of installation and portability.
- High-Efficiency Cooling:** An Intelligent heat dissipation system ensures stable performance and extended product life.
- Robust Connectivity:** Equipped with balanced XLR/TRS and RCA inputs for seamless integration into diverse audio systems.
- Built-in Protection Mechanisms:** Safeguards against overheating, overloads, convection cooling and short circuits to ensure reliable operation in demanding environments.
- Wide Application:** Perfect for professional venues, home theaters, music studios, and other multi-channel audio configurations.
- Exceptional Sound Quality:** Low total harmonic distortion (THD) and wide frequency response range for crystal-clear sound reproduction.
- Flexible Installation:** Rack-mountable design with industry-standard dimensions for convenient setup in professional environments.



# SPECIFICATIONS

Number of channels	4
Rated output power of each channel	125W
Input sensitivity	1.47V RMS((±3dB) (0dbv/ all balanced input) 100VRMS (100V unbalanced input)
SNR (signal-to-noise ratio)	>86dB (100VRMS output)
Input impedance	60K ohms (balanced) 20K ohms (balanced priority) 100Kohms(100Vunbalanced)
Channel separation	>70dB(1KHz)
Frequency response	20Hz-20kHz (±3dB normal operating conditions)
THD (total harmonic distortion)	<0.3 % (1kHz normal operating conditions)
Up speed	>29V/us
Priority threshold	>10mVp (prior balanced line input) >1000mVp (prior 100VRMSlineinput)
Indicators	“Protection”, “Limit”, “Voltage limit”, “Signal”, “70Vgear”
Protection	Power-on, high temperature, DC, short circuit
Power supply	AC220V/50Hz DC24V (rated output power -3dB)
Overall dimensions (mm)	(L×W×H) 552×510×105
Power consumption	653W
Gross weight (kg)	8.1 KG

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