

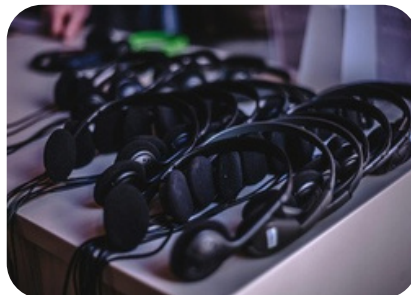


## DESCRIPTION

**PA-2C125** is a high-performance 2x125W dual-channel digital amplifier designed for professional audio applications. Engineered for superior sound clarity and efficiency, this compact yet powerful amplifier delivers high-fidelity audio with minimal distortion, making it ideal for a wide range of installations, including commercial sound systems, home theaters, studios, and live performances.

## FEATURES

- **High Power Output:** Delivers 125W per channel (RMS), ensuring robust and dynamic audio performance.
- **Class-D Efficiency:** Advanced Class-D amplification technology provides high efficiency, low heat dissipation, and energy savings
- **Compact & Lightweight:** Designed for space-saving installations while maintaining superior audio quality.
- **Wide Compatibility:** Supports multiple input options for seamless integration with various audio systems.
- **Low Distortion & Noise:** High signal-to-noise ratio (SNR) and low total harmonic distortion (THD) ensure clean, professional-grade sound.
- **Thermal & Overload Protection:** Built-in intelligent protection circuits safeguard against overheating, short circuits, and overloads for long-term reliability.



# SPECIFICATIONS

Number of channels	2
Rated output power of each channel	120W
Input sensitivity	775mVRMS (0dBV/ all balanced input) 100VRMS (100V unbalancedinput)
SNR (signal-to-noise ratio)	>80dB (100VRMS output)
Input impedance	60K ohms (balanced) 20K ohms (balanced priority) 100Kohms(100Vunbalanced
Channel separation	>70dB(1KHz)
Frequency response	80Hz-15kHz ( $\pm 3$ dB 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
Machine dimension (mm)	(L×W×H) 483×435×44 (not including machine legs)

**Cannex Technology Inc.**

台灣日旭科技

No.182, Sec. 2, Yuanlu Rd., Sihua Town 514, Changhua County, Taiwan Tel:- +886-4-8613883, FAX:-  
+886-6-8828209, Email:- sales@amplimic.com.tw

Home Page : <http://www.amplimic.com.tw>

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