

Dual Channel 500W Audio Amplifier Module

This Class D audio amplifier module features a full band with PWM modulator, ensuring ultra-low distortion. It is equipped with a DSP processor and delivers 500W per channel.



ADDITIONAL IMAGES



Product Overview

High-Performance Class D Amplification

This dual-channel amplifier module is engineered for professional audio applications, delivering a robust 500W per channel. Utilizing advanced PWM switching technology, it achieves high efficiency and ultra-low distortion across the full audio frequency range. The unit comes equipped with a comprehensive integrated cooling system, ensuring stable and reliable performance for demanding sound reinforcement tasks.

Audio Performance

Power Output

500 W

Per Channel

Technical Specifications

Parameter	Value
Signal To Noise-Ratio	> 100 dB
THD+N (typical)	< 0.05%
Frequency Response	20 Hz - 20 kHz
Damping Factor	> 800

Physical & Electrical

Cooling System

Heatsink • Active Fans

Power Supply

AC220V/50Hz, AC110V/60Hz

Dimensions

380 x 160 x 80 mm

Net Weight

2.5 kg

Connectivity & Interface

Interface Features

- Dual volume controls (Channel A & B)
- USB connectivity
- Channel B link output
- Input A and B ports
- 10A-250V integrated fuse