

4-Channel 480W Class AB Car Amplifier

This 4-channel car amplifier delivers 480W of Class AB audio power. It enhances the sound quality of car audio systems, providing increased volume and clarity.



ADDITIONAL IMAGES



Overview

High-Performance 4-Channel Car Audio Enhancement

This Class AB car power amplifier is engineered to deliver high-fidelity audio with a focus on clarity and immersive 3D surround sound. Featuring a robust 4-channel configuration, it provides versatile power options for various speaker setups while maintaining exceptionally low distortion levels. Designed for professional-grade car audio systems, it offers adjustable tuning controls to ensure a premium listening experience on every journey.

Performance Metrics

Power Output

40 W x 4

RMS Power (4@)

60 W x 4

RMS Power (2@)

480 W

Peak Power

Audio Specifications



Comprehensive technical parameters and functional layout for the 480W Class AB amplifier.

Technical Audio Parameters

Parameter	Value
Amplifier Class	Class AB
Signal-to-Noise Ratio (SNR)	> 92dB
Total Harmonic Distortion (THD)	< 0.01%
Frequency Response	15 Hz - 40 kHz (-3 dB)
Input Sensitivity	0.15V - 5V

Acoustic Tuning

Sound Customization

- Adjustable Low-Pass Filter: 20 Hz - 250 Hz
- Adjustable High-Pass Filter: 20 Hz - 250 Hz
- Bass Boost Control: 0 - 12 dB
- Independent Gain Control for CH1/CH2 and CH3/CH4
- 3D Surround Sound Processing

Electrical & Physical

Grounding System

Negative Ground

Operating Voltage	14.4V DC (Range: 9V - 15V)
Protection Fuse	30 A
Net Weight	1.93 kg