

600W 4-Channel Class AB Car Audio Amplifier

This 4-channel car amplifier delivers 600W of power with Class AB technology. It is engineered to enhance the audio experience in vehicles, providing clear and powerful sound reproduction.



ADDITIONAL IMAGES



Overview

High-Performance 4-Channel Car Audio Solution

This 600W Class AB car audio amplifier is designed to deliver a balance of efficiency and high-fidelity sound reproduction. With four channels of output, it provides versatile connectivity for speakers and subwoofers, ensuring a clear and immersive 3D surround audio experience. Built-in protection circuitry and robust construction make it a reliable choice for demanding automotive environments.

Performance Metrics

Key Performance Metrics

600 W

Peak Power

82 dB

Signal-to-Noise Ratio

0.01 %

Total Harmonic Distortion

Power Output

Power Specifications

Configuration	Output Power
4 Channels @ 4 Ohms (14.4V)	4 x 60W
4 Channels @ 2 Ohms (14.4V)	4 x 80W
Minimum Impedance	2 Ohms

Audio Tuning

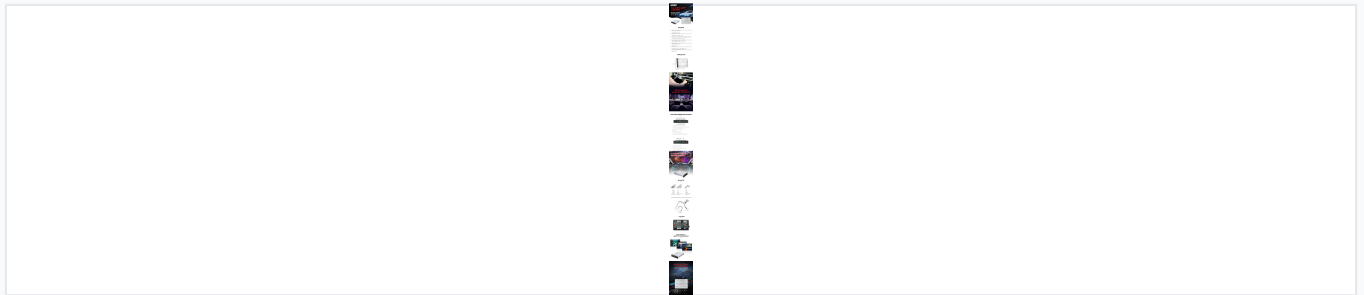
Audio Controls & Tuning

- Adjustable Gain Control for precise signal matching
- Variable Bass Boost: 0 to 12dB
- Low Pass Filter: 20Hz - 250Hz
- High Pass Filter: 20Hz - 250Hz
- Frequency Response: 15Hz - 40kHz (-3dB)

Amplifier Class

Class AB

Technical Specifications



Detailed technical parameters and dimensional layout for the 4-channel power amplifier.

Input Sensitivity	0.15V - 5V
Operating Voltage	14.4V DC (9V-15V allowable)
Grounding System	Negative Ground

Protection & Safety

Safety Systems	Overheating Protection, Overcurrent Protection, Short Circuit Protection, Dual 30A Fuses
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Physical Dimensions

Product Size	230mm x 318mm x 50mm
Net Weight	2.12 kg