

# 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

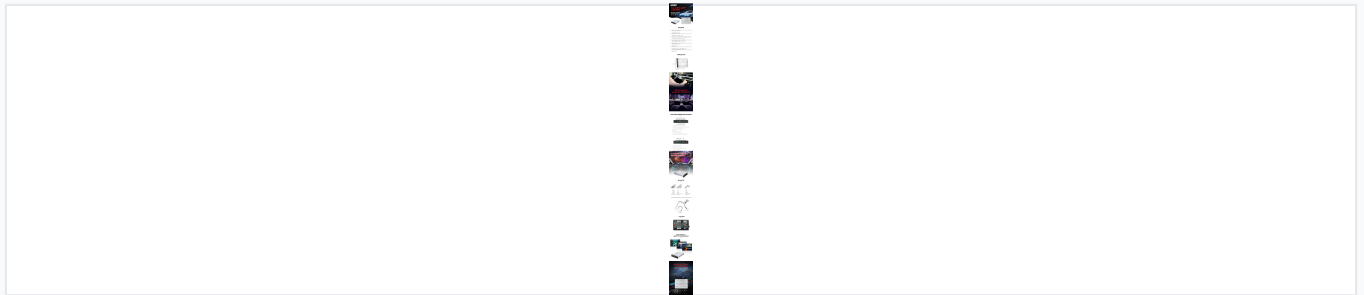
### Audio Controls & Tuning

- 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