

2-Channel Class AB Car Audio Amplifier

This 2-channel Class AB car amplifier is engineered to enhance audio systems in vehicles. It delivers 60 watts x 2 of power for improved sound quality.



ADDITIONAL IMAGES



Overview

High-Fidelity 2-Channel Car Amplification

This Class AB car audio amplifier is engineered to provide a superior balance between power efficiency and high-fidelity sound reproduction. Designed for versatile vehicle installations, it supports both stereo and bridged configurations to drive speakers or subwoofers with clarity. With integrated protection circuits and adjustable tuning controls, it offers a reliable solution for professional car audio upgrades.

Performance Metrics

Power Ratings

60 W x 2

RMS Power (4Ω)

78 W x 2

RMS Power (2Ω)

92 dB

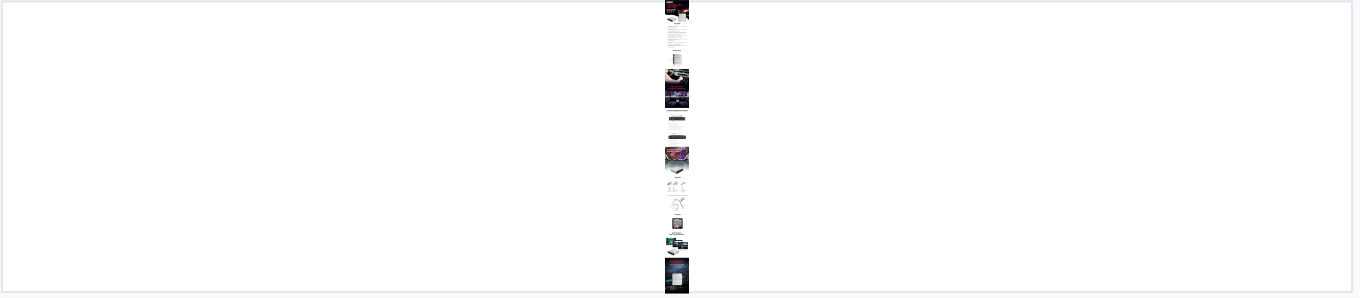
Signal-to-Noise Ratio

Audio Tuning

Frequency Response & Filters

Parameter	Range
Frequency Response	15Hz - 60kHz
Low Pass Filter	50Hz - 250Hz
High Pass Filter	15Hz - 3kHz
Bass Boost	0 - 12dB

Technical Specifications



Detailed technical specifications and functional diagram showing input sensitivity, frequency ranges, and power output ratings.

Total Harmonic Distortion	0.01 %
Input Sensitivity	0.2V - 5V
Minimum Impedance	2 ohms

Physical Properties

Dimensions	230mm x 200mm x 50mm
Unit Weight	1.35 kg

Installation & Safety

Amplifier Topology Class AB	
Operating Voltage	14.4V (9V-15V Range)
Safety Features	30A Fuse, Negative Ground, Bridged Output Support, GND/REM/+12V Terminals