

4-Channel 1000W Car Audio Amplifier

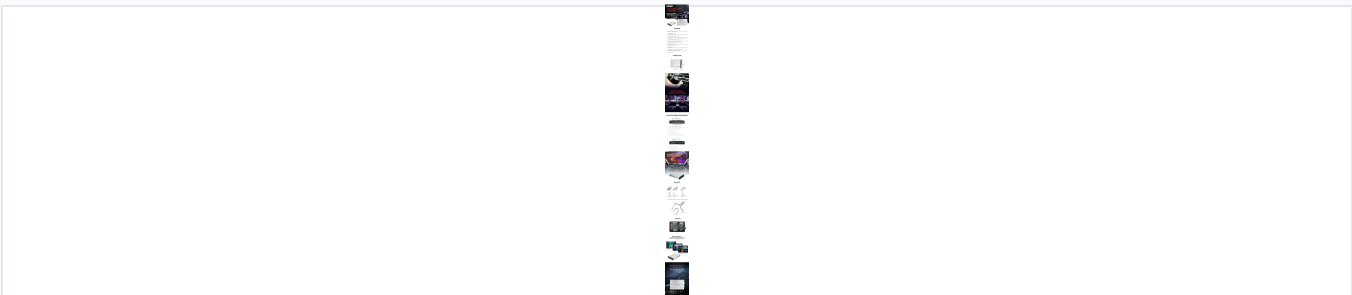
This 4-channel Class AB car amplifier provides up to 1000W of power for car audio systems. It is designed to enhance the sound quality and volume of car speakers and subwoofers.



ADDITIONAL IMAGES



Product Overview



Comprehensive technical parameters and functional layout of the 4-channel car audio amplifier.

High-Performance 4-Channel Car Audio Amplifier

This Class AB car power amplifier is designed to deliver high-quality audio performance with a robust 1000W peak capability. Featuring a 4-channel configuration, it provides versatile power output for car speakers and subwoofers, ensuring clear and immersive sound reproduction. The unit is built with a finned heat sink for efficient thermal management and includes integrated protection circuitry to safeguard against overloads and short circuits.

Performance Metrics

Key Performance Metrics

80 W x 4

RMS Power (4@)

92 dB

Signal-to-Noise Ratio

0.01 %

Total Harmonic Distortion

Audio Specifications

Amplifier Class Class AB	
Frequency Response	15Hz - 40kHz (-3dB)
Input Sensitivity	0.15V - 5V
THD (Total Harmonic Distortion)	<0.01%

Crossover & Tuning

Low-Pass Frequency	20Hz - 250Hz
High-Pass Frequency	20Hz - 250Hz
Bass Boost	0 - 12dB

Electrical & Power

Operating Voltage	14.4V (9V-15V) Negative Ground
Fuse Protection	30A x 2

Physical Characteristics

Design Features	
<ul style="list-style-type: none">Finned heat sink for efficient heat dissipationRobust chassis for durabilityStandard input and output terminalsIntegrated protection circuitry	
Dimensions	340mm x 230mm x 50mm
Net Weight	2.27 kg