

4-Channel 1000W Car Audio Amplifier

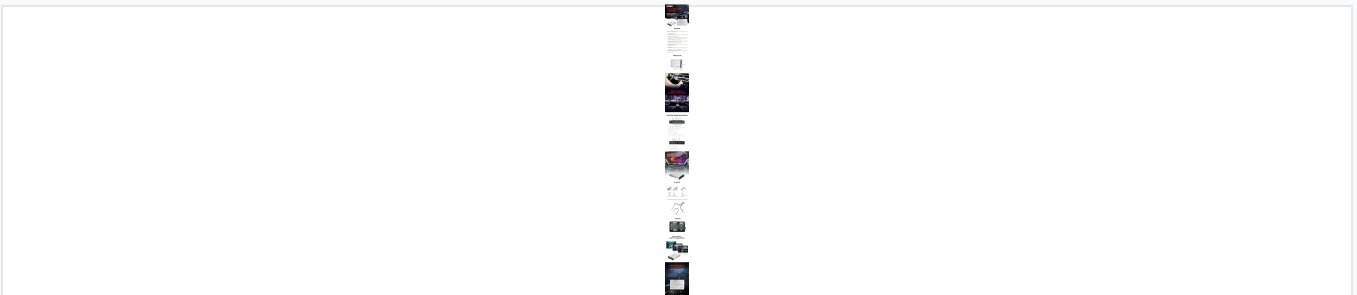
This 4-channel Class AB car amplifier provides up to 1000W of power for car audio systems. It is designed to enhance the sound quality and volume of car speakers and subwoofers.



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 |