

1800W 4-Channel Class AB Car Audio Amplifier

This Class AB car amplifier delivers up to 1800W through four channels. It allows for flexible speaker configurations and delivers high-quality audio amplification for car audio systems.



ADDITIONAL IMAGES



Overview



The CG-150.4-F features a robust Class AB design with comprehensive cooling and integrated protection circuitry.

High-Performance 4-Channel Class AB Amplifier

The CG-150.4-F is a versatile 1800W full-frequency car amplifier designed for high-fidelity audio reproduction. Utilizing a Class AB architecture, it provides a perfect balance between thermal efficiency and sound clarity, making it ideal for driving a wide range of speakers and subwoofers. With comprehensive protection circuitry and adjustable tuning controls, this amplifier ensures reliable, professional-grade performance in any automotive environment.

Performance Metrics

Power Output Ratings

150 W x 4 RMS Power (4 Ohms)	260 W x 4 RMS Power (2 Ohms)	300 W x 2 Bridged Power (4 Ohms)
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Technical Specifications

Amplifier Class

Class AB • Full Frequency

Frequency Response	15Hz - 30kHz (-3dB)
Signal to Noise Ratio	>92 dB
THD & Noise	<0.01%
Input Sensitivity	0.2-6V

Audio Tuning

Crossover & Filters

Feature	Range/Value
High Pass Frequency	18Hz - 2.5kHz
Low Pass Frequency	18Hz - 2.5kHz
Bass Boost Frequency	45Hz
Bass Lift Options	0dB, 6dB, 12dB

Power & Protection

Safety Systems

- Thermal overload protection
- Short circuit protection
- DC offset protection
- LED status indicators (Green: Normal, Red: Fault)

Working Voltage	10-16V DC
Integrated Fuse	1 x 100A

Physical Dimensions

Dimensions (L x W x H)	429mm x 240mm x 60mm
Net Weight	4.45 kg

Connectivity

Input/Output Terminals	Audio Signal Input, Power Input Terminal, Horn Output Terminal, 2CH/4CH Mode Switch
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