

4-Channel 1500W Class AB Car Amplifier

This Class AB car amplifier features 4 channels and a total power output of 1500 watts. It is engineered for full frequency response, ensuring accurate audio signal reproduction across the spectrum.



ADDITIONAL IMAGES



Overview

High-Performance 4-Channel Car Audio Amplification

The CG-120.4-F is a versatile Class AB car power amplifier designed to deliver high-fidelity audio across the full frequency spectrum. With a maximum power output of 1500 watts, it provides robust performance for various speaker configurations, ensuring clear and accurate sound reproduction. Engineered for durability, it features an efficient heat-dissipating chassis and comprehensive protection circuitry against overcurrent, overheating, and short circuits.

Key Performance Metrics

Power Ratings

1500 W

Max Power

130 W x 4

RMS Power (4 Ohms)

180 W x 4

RMS Power (2 Ohms)

280 W x 2

Bridged RMS (4 Ohms)

Technical Specifications

Amplifier Class

Class AB

Frequency Response

15Hz - 30KHz

Signal to Noise Ratio

>92 dB

THD + Noise

<0.01%

Working Voltage

10-16V

Audio Control

Filter & Tuning Options

Feature	Range/Value
High Pass Filter	18Hz - 2.5KHz
Low Pass Filter	18Hz - 2.5KHz
Bass Boost Frequency	49Hz
Bass Lift	0-6-12 dB
Input Sensitivity	0.2 - 6V

Physical Characteristics



Detailed dimensions and interface layout including power terminals and filter regulators.

Dimensions	363 x 240 x 60 mm
Weight	3.65 kg

Safety & Interface

Protection & Indicators

- Overcurrent protection
- Overheating protection
- Short circuit protection
- Green LED: Normal operation
- Red LED: Protection mode/Failure

Hardware Interface	Audio Signal Input, High Pass Filter Regulator, Mode Selection Switch, Bass Lifting Selection, Volume Regulator, 70A Fuse, Power Input Terminal, Horn Output Terminal
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