

# 2800W 5-Channel Full Frequency Class D Car Amplifier

This Class D car amplifier features 5 channels and a full frequency response. With a maximum power output of 2800W, it provides ample power for driving multiple speakers and subwoofers.



## ADDITIONAL IMAGES



## Overview

### High-Performance 5-Channel Audio Solution

The CG-500.5D-F is a versatile Class D car amplifier designed to provide a complete audio solution with its 5-channel configuration. Delivering up to 2800W of peak power, it efficiently drives a full range of speakers and subwoofers while maintaining a compact footprint. Its advanced Class D architecture ensures high efficiency and minimal heat generation, making it ideal for high-demand automotive audio installations.

## Power Performance

### Power Output Ratings

**2800 W**

Max Power

**5**

Channels

**92 dB**

Signal-to-Noise

### RMS Power Specifications

Configuration	Output Power (RMS)
4 Ohms (THD 1%)	4 x 120W + 1 x 500W
2 Ohms	4 x 220W + 1 x 650W
Bridged Mode (4 Ohms)	2 x 450W

## Technical Specifications

Frequency Response	13Hz - 33KHz (-3dB)
Working Voltage	10-16V
THD & Noise	< 0.01%
Input Sensitivity	0.2 - 6V

## Audio Control



Detailed view of the function panel including frequency regulation, volume controls, and wiring terminals for professional installation.

### Crossover & Tuning

- High Pass Frequency: 16Hz - 7.6KHz
- Low Pass Frequency: 14Hz - 8KHz
- Bass Boost: 0-6-12 dB at 45Hz
- 2CH/5CH Mode Selection Switch
- Independent Volume Regulators

## Physical Design

Dimensions	363 x 240 x 60 mm
Unit Weight	4 kg
Safety & Protection	1x100A Fuse, Protection Circuitry, LED Status Indicators, Class D Efficiency