

10000W Mono Channel Class D Car Amplifier

This is a mono channel Class D car amplifier with a high power output of 10000W. It is designed to provide efficient and reliable performance for demanding car audio systems.



ADDITIONAL IMAGES



Product Overview

High-Performance Class D Mono Amplifier

The CF-4000D-J is a powerful mono channel Class D car amplifier engineered for high-fidelity audio systems and demanding subwoofer setups. It delivers exceptional efficiency and minimal heat generation, ensuring reliable performance even at high output levels. With a robust design and versatile tuning options like bass boost and variable filters, it provides a clean and immersive 3D surround sound experience for any vehicle.

Key Performance Metrics

Power Performance

2976 W

RMS Power (1 Ohm, THD 1%)

3587 W

RMS Power (1 Ohm, THD 10%)

96 dB

Signal to Noise Ratio

Technical Specifications



Detailed technical specifications and wiring interface layout for the 10000W Class D amplifier.

RMS Power Output

Impedance	Power (RMS)	Condition
4 Ohm	850W	THD=1%
2 Ohm	1630W	THD=1%
1 Ohm	2976W	THD=1%
1 Ohm	3587W	THD=10%

Working Voltage 12V-16V

Frequency Response (-3dB) 5Hz - 22KHz

Audio Tuning

Filter Configurations

- High Pass Frequency: 5Hz - 250Hz (-3dB)
- Low Pass Frequency: 60Hz - 22KHz (-3dB)
- Bass Boost Center: 49Hz
- Bass Lift Range: 1-12dB

Input Sensitivity 0.3V - 6V

THD & Noise <0.3%

Features & Connectivity

Status Indicators

Power LED • Protection LED • Clip Indicator

Interface & Controls

Audio Signal Input, High Pass Filter Regulator, Low Pass Filter Regulator, Input Sensitivity Adjustment, Bass Boost Regulator, Remote Bass Control Port, Horn Output Terminal, Power Input Terminal

Physical Dimensions

Unit Dimensions 330 x 225 x 55 mm

Net Weight 3.75 kg

Circuit Protection External Fuse