

8000W Mono Channel Class D Car Amplifier

This mono channel car amplifier delivers 8000W of power with Class D technology. It is designed for car audio systems requiring substantial output.



ADDITIONAL IMAGES



Overview

High-Performance 8000W Mono Class D Amplifier

The CL5K-H is a high-power mono channel car amplifier engineered for audio enthusiasts seeking exceptional sound reproduction and impactful bass. Utilizing advanced Class D technology, it delivers up to 8000W peak power with high efficiency and minimal heat generation. This robust unit is designed to drive demanding subwoofers while offering comprehensive protection circuits and precise sound tuning for a superior in-car entertainment experience.

Power Performance

Peak Power Output

8000 W
Peak Power

RMS Power Ratings (THD 1%)

Impedance	RMS Power
4 Ohm	950W
2 Ohm	1800W
1 Ohm	2800W
1 Ohm (THD 10%)	3400W

Technical Specifications



Comprehensive technical specifications including RMS power ratings and wiring interface layout.

Working Voltage	DC 12-16V
Frequency Response	10-220Hz (-3dB)
Signal to Noise Ratio	>95dB
THD + Noise	<0.03%

Audio Control

Sound Tuning Features

- Adjustable Input Sensitivity (0.2-6V)
- Low Pass Frequency (50-220Hz)
- High Pass Frequency (OFF-50Hz)
- Bass Boost Regulator (0-12dB)
- Remote Bass Control Support

Protection & Design

Safety Systems	Overcurrent Protection, Short Circuit Protection, Thermal Overload Protection, External Fuse, Status LED Indicators
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Physical Dimensions

Unit Size	445 x 152 x 60 mm
Net Weight	6.65 kg

Hardware Interface

Connection Terminals

- Power Input Terminal
- Horn Output Terminal
- Audio Signal Input