

# 1000W 4-Channel Class AB Car Amplifier

This is a 4-channel Class AB car amplifier with a maximum power output of 1000 watts. The amplifier is designed to provide high-quality audio amplification for car audio systems.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance 4-Channel Car Audio Amplification

The CK-80.4 is a versatile Class AB power amplifier designed to deliver high-fidelity audio for automotive environments. With a maximum power output of 1000W and flexible 4-channel configuration, it supports various setups including full-range speakers and bridged subwoofer applications. Its design prioritizes efficient heat dissipation and precise sound tuning to enhance the overall in-vehicle listening experience.

### Interface & Connectivity

- Power Input Terminals (GND, REM, +12V)
- Horn Output Terminals
- CH1/CH2 & CH3/CH4 Audio Signal Inputs
- LED Status Indicators (Green: Normal, Red: Protection)

## Performance Metrics

### Key Performance Metrics

**1000 W**  
Max Power

**95 dB**  
Signal-to-Noise Ratio

**0.01 %**  
THD + Noise

## Power Output

### RMS Power Specifications

Configuration	Output Power
4 Ohm RMS	4 x 80W
2 Ohm RMS	4 x 100W
Bridge Mode (2 Ohm RMS)	2 x 200W

## Audio Tuning

### Crossover & Filters

- High Pass Frequency: 50Hz - 250Hz
- Low Pass Frequency: 50Hz - 250Hz
- Bass Boost: 0 - 12dB
- Input Sensitivity: 0.2V - 6V

### Frequency Response

10Hz - 30KHz

## Technical Specifications



The amplifier features efficient transformer load distribution and robust heat dissipation for stable performance in most vehicles.

### Amplifier Class

Class AB

### Working Voltage

DC 12V - 14.4V

### Protection Systems

Short Circuit Protection, Thermal Overload Protection, DC Offset Protection, Dual 35A Fuses

## Physical Characteristics

### Dimensions

295 x 55 x 157 mm

### Weight

1.95 kg