

ALCHIMIST

GERMAN ENGINEERED CAR AUDIO | SINCE 1943



12 CHANNEL CLASS AB CAR AMPLIFIER

AD12H - 1500

Lossless Sound Car Series | Compact Design & Solid Output



ALCHIMIST AD12H-1500

Ultra-Precision 12-Channel DSP Class AB Processor

alchemists.com | Reinhard Group | Waiblingen, Germany

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PRODUCT OVERVIEW

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POWER

1500W RMS

CHANNELS

12 Channels

CLASS

Class AB**KEY FEATURES**

- 12H1500 Chip
- Bluetooth 5.3 Lossless
- 31-Band EQ/Ch
- Optical S/PDIF
- Next-Gen Acoustic Tuning
- Real-time DSP

TECHNICAL SPECIFICATIONS**Specifications**

Model	AD12H-1500
Channels	12 CH
Power	1500W RMS
Class	Class AB
Chip	12H1500
EQ	31-Band/Ch
Crossover	HPF/LPF/BPF 12/24dB
Delay	0-20ms/Ch
BT	5.3 LDAC/aptX HD
Input	High/RCA/Optical/USB
SNR	> 115 dB
THD+N	< 0.005%
Size	250x170x55mm

INSTALLATION

Quick Installation Guide

1. Preparation

Disconnect vehicle battery. Gather tools: wire strippers, crimping tool, multimeter, screwdrivers, zip ties.

2. Mounting

Select a secure location with adequate ventilation (under seat or trunk). Mount using provided brackets.

3. Power Wiring

Connect B+ to battery through inline fuse. Ground to clean chassis point. Remote wire to ACC or head unit remote output.

4. Signal Input

Factory head unit: use High-Level input. Aftermarket: use RCA. Digital: use Optical/USB for best quality.

5. Speaker Output

Connect each channel to corresponding speakers. Maintain correct polarity. Label all wires.

6. Software

Download Alchemist DSP software from alchemists.com/documents. Connect via USB or Bluetooth. Configure EQ, crossover, time delay, and levels.

WARRANTY

12-Month Global Warranty

All Alchemist products include a 12-month global warranty covering defects in materials and workmanship. Register at alchemists.com/warranty within 30 days of purchase. For support, contact your authorized dealer or email support@alchemists.com.