

# //ALCHIMIST

GERMAN ENGINEERED CAR AUDIO | SINCE 1943

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[alchimists.com](http://alchimists.com) | Reinhard Group | Waiblingen, Germany

**PRODUCT OVERVIEW**

# ALCHIMIST AD-801

High-End DSP with Premium DAC



POWER

**Premium**

CHANNELS

**8 Channels**

CLASS

**Class AB****KEY FEATURES**

- TDA7850 Chip
- Premium DAC
- Hi-Fi Output
- 31-Band EQ
- Optical Input
- Audiophile Grade

**TECHNICAL SPECIFICATIONS****Specifications**

<b>Model</b>	AD-801
<b>Channels</b>	8 CH
<b>Chip</b>	TDA7850
<b>Class</b>	Class AB
<b>DAC</b>	Premium Hi-Fi
<b>EQ</b>	31-Band/Ch
<b>Crossover</b>	HPF/LPF/BPF
<b>Delay</b>	0-20ms/Ch
<b>Input</b>	High/RCA/Optical/USB
<b>SNR</b>	> 112 dB
<b>THD+N</b>	< 0.005%
<b>Size</b>	200x140x45mm

**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](http://alchemists.com/documents). Connect via USB or Bluetooth. Configure EQ, crossover, time delay, and levels.

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**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](http://alchemists.com/warranty) within 30 days of purchase. For support, contact your authorized dealer or email [support@alchemists.com](mailto:support@alchemists.com).