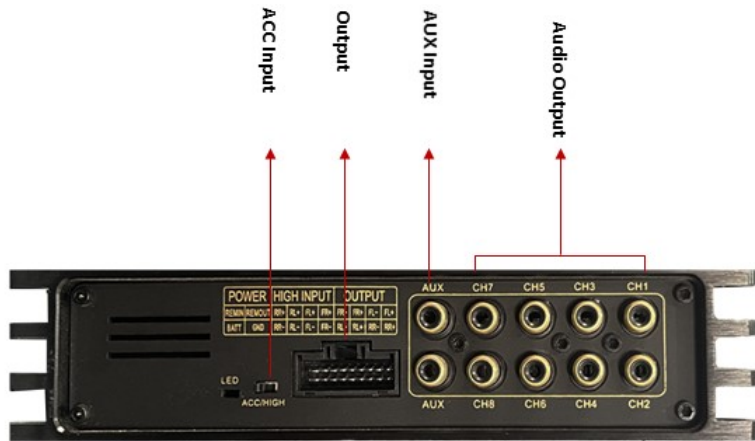


# ALCHIMIST

GERMAN ENGINEERED CAR AUDIO | SINCE 1943



12 CHANEL CLASS AB CAR AMPLIFIER

**AD12H - 1020**



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12 CHANEL CLASS AB CAR AMPLIFIER

**AD12H - 1020**

High-End 12-Channel DSP Class AB with BT 5.3



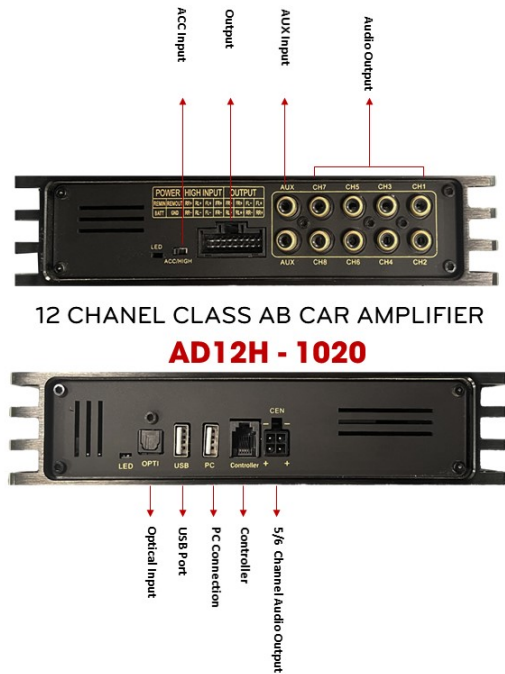
alchimists.com | Reinhard Group | Wabblingen, Germany

Optical Input  
USB Port  
PC Connection  
Controller  
5/6 Channel Audio Outp

**PRODUCT OVERVIEW**

# ALCHIMIST AD12H-1020

High-End 12-Channel DSP Class AB with BT 5.3



POWER	CHANNELS	CLASS
<b>1020W RMS</b>	<b>12 Channels</b>	<b>Class AB</b>

**KEY FEATURES**

- 12 Channel Output
- Bluetooth 5.3 Lossless
- 31-Band EQ
- Optical S/PDIF
- Advanced Crossover
- Phase Alignment

**TECHNICAL SPECIFICATIONS****Specifications**

<b>Model</b>	AD12H-1020
<b>Channels</b>	12 CH
<b>Power</b>	1020W RMS
<b>Class</b>	Class AB
<b>EQ</b>	31-Band/Ch
<b>Crossover</b>	HPF/LPF/BPF 12/24dB
<b>Delay</b>	0-20ms/Ch
<b>BT</b>	5.3 Lossless
<b>Input</b>	High/RCA/Optical
<b>SNR</b>	> 112 dB
<b>THD+N</b>	< 0.008%
<b>Size</b>	240x160x52mm

**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).