

Planet Audio AC2600.2

Planet Audio AC26002 Anarchy 2600-watt 2-Channel Amplifier User Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Planet Audio AC26002 Anarchy 2600-watt Full Range Class A/B 2 Channel 2 Ohm Stable Amplifier. Please read this manual thoroughly before attempting to install or operate the amplifier to ensure proper use and to prevent damage.

SAFETY INFORMATION

Always observe the following safety precautions during installation and operation:

- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is strongly recommended.
- **Disconnect Battery:** Before starting any wiring, disconnect the vehicle's negative battery terminal to prevent electrical shorts.
- **Proper Wiring:** Ensure all wiring is correctly connected and insulated to prevent short circuits and damage to the amplifier or vehicle. Use appropriate gauge wires for power and ground connections.
- **Ventilation:** Mount the amplifier in a location that allows for adequate air circulation to prevent overheating. Avoid mounting in enclosed spaces without ventilation.
- **Avoid Moisture:** Do not expose the amplifier to moisture or water.
- **Secure Mounting:** Securely mount the amplifier to prevent it from coming loose during vehicle movement.
- **Fuse Protection:** Always use the correct fuse rating as specified. Never replace a fuse with one of a higher amperage.

PACKAGE CONTENTS

Verify that all items are present in the box:

- Planet Audio AC26002 Anarchy Amplifier
- Remote Subwoofer Level Control
- Mounting Hardware (screws, washers)
- Spare Fuse

INCLUDED IN THE BOX



Image: The amplifier, remote subwoofer control, a fuse, and mounting screws are shown, representing the items included in the product package.

PRODUCT OVERVIEW AND FEATURES

The Planet Audio AC26002 Anarchy amplifier is a 2-channel, full-range Class A/B amplifier designed for car audio systems. Key features include:

- **Power Output:** 1300 W MAX @ 2 Ohm x 2 Channels, 650 W MAX @ 4 Ohm x 2 Channels, 2600 W MAX Bridged Power @ 4 Ohm x 1 Channel.
- **Topology:** Full-Range, Class A/B.
- **Power Supply:** MOSFET Power Supply for efficient power delivery.
- **Inputs:** Low and High Level Inputs for versatile connection options.
- **Filters:** Variable Low Pass (LP) and High Pass (HP) Filters for precise audio tuning.

- **Bass Boost:** Variable Bass Boost for enhanced low-frequency response.
- **Control:** Remote Subwoofer Control for convenient bass level adjustment.
- **Illumination:** Blue Backlit Anarchy Logo.
- **Protection:** Thermal, Short, and Overload Protection Circuits.



MOSFET POWER
SUPPLY

MOSFET Power Supply



2 OHM STABLE

2 Ohm Stable



VARIABLE
BASS BOOST

Variable Bass Boost



VARIABLE
GAIN CONTROL

Variable Gain Control



SHORT
PROTECTION

Short Protection



SUB
CONTROL

Sub Control



BRIDGEABLE

Bridgeable

PURE POWER



Image: Top view of the Planet Audio AC26002 Anarchy amplifier.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is highly recommended to have this amplifier installed by a certified professional.

Mounting Location

Choose a dry, well-ventilated location in your vehicle, such as under a seat or in the trunk. Ensure there is sufficient space around the amplifier for air circulation to prevent overheating. Avoid mounting on carpet or in enclosed compartments without airflow.

Wiring Connections

Refer to the diagram below for typical wiring connections. Always use high-quality wiring and ensure all connections are secure and properly insulated.

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* Register online after purchase

- 2600W High Output 2 Channel Full-Range, Class A/B Amplifier
- 2Ω Stereo Stable
- PWM MOSFET Power Supply
- RCA & Speaker Level Inputs
- HP & LP Filters
- Bass Boost
- Illuminated ANARCHY Logo
- Remote Subwoofer Control
- Thermal, Short and Overload Protection Circuits

Image: Side view of the amplifier showing all connection terminals.

- **Power (BATT+):** Connect to the positive terminal of the vehicle's battery using an appropriate gauge power cable and an inline fuse within 18 inches of the battery.
- **Ground (GND):** Connect to a clean, unpainted metal surface of the vehicle chassis. Ensure a good electrical connection.
- **Remote (REM):** Connect to the remote turn-on lead from your head unit. This turns the amplifier on and off with your stereo.
- **RCA Inputs:** Connect to the RCA pre-outs of your head unit for low-level signal input.
- **Speaker Outputs:** Connect your speakers to the amplifier's speaker terminals. Observe correct polarity (+/-). For bridged mode, refer to the specific wiring instructions for your speaker configuration.
- **High Level Inputs:** If your head unit does not have RCA outputs, use the high-level inputs by connecting them to your head unit's speaker wires.
- **Remote Subwoofer Control:** Connect the remote level control to the designated port on the amplifier for convenient bass adjustment from the driver's seat.

OPERATING INSTRUCTIONS

Once installed, adjust the amplifier settings for optimal audio performance.

Gain Control

The gain control matches the amplifier's input sensitivity to the output of your head unit. Start with the gain set to minimum. Gradually increase the gain until you hear distortion, then back it off slightly. Do not use the gain control as a volume knob.

Crossover Filters (LPF/HPF)

The AC26002 features variable low-pass (LPF) and high-pass (HPF) filters. Adjust these filters to direct specific frequency ranges to your speakers or subwoofers, optimizing sound quality and preventing distortion.

- **Low Pass Filter (LPF):** Used for subwoofers. It allows frequencies below the set point to pass through.
- **High Pass Filter (HPF):** Used for full-range or component speakers. It allows frequencies above the set point to pass through.

Bass Boost

The variable bass boost allows you to enhance low frequencies. Use this feature sparingly to avoid distortion and potential speaker damage. Start with the boost at minimum and increase gradually if desired.

Remote Subwoofer Control

Use the wired remote control to adjust the subwoofer output level conveniently from the front of your vehicle.

MAINTENANCE

The Planet Audio AC26002 amplifier requires minimal maintenance.

- **Cleaning:** Periodically wipe the amplifier's exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Ventilation:** Ensure the amplifier's cooling fins are free from dust and debris to maintain proper heat dissipation.
- **Connections:** Occasionally check all wiring connections to ensure they remain secure.

TROUBLESHOOTING

If you experience issues with your amplifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power / No Sound	Blown fuse, loose power/ground/remote wire, faulty head unit.	Check amplifier and inline fuses. Verify all power, ground, and remote connections. Ensure head unit is on and functioning.
Distorted Sound	Gain set too high, improper crossover settings, poor speaker connections, damaged speakers.	Reduce gain setting. Adjust LPF/HPF. Check speaker wiring for shorts or loose connections. Test speakers.
Amplifier Overheats	Insufficient ventilation, impedance too low, prolonged high volume.	Ensure adequate airflow around the amplifier. Check speaker impedance. Reduce volume or allow amplifier to cool.

Problem	Possible Cause	Solution
Protection Mode Activated	Short circuit in speaker wiring, amplifier overheating, DC offset.	Check speaker wires for shorts. Allow amplifier to cool. Consult a professional if the issue persists.
Engine Noise / Whine	Poor grounding, RCA cables too close to power wires, faulty RCA cables.	Verify ground connection. Route RCA cables away from power wires. Try different RCA cables.

SPECIFICATIONS

Detailed specifications for the Planet Audio AC26002 Anarchy amplifier:

- **Model Number:** AC2600.2
- **Max Power Output (2 Ohm):** 1300 Watts x 2 Channels
- **Max Power Output (4 Ohm):** 650 Watts x 2 Channels
- **Max Bridged Power (4 Ohm):** 2600 Watts x 1 Channel
- **Topology:** Class A/B, Full-Range
- **Power Supply:** MOSFET
- **Input Sensitivity:** Low Level (RCA), High Level (Speaker)
- **Variable Low Pass Filter:** Yes
- **Variable High Pass Filter:** Yes
- **Variable Bass Boost:** Yes
- **Remote Subwoofer Control:** Included
- **Protection:** Thermal, Short, Overload
- **Dimensions (L x W x H):** 18.0 inches x 10.0 inches x 2.4 inches (45.72 cm x 25.4 cm x 6.1 cm)
- **Weight:** Approximately 10.4 lbs (4.72 kg)
- **Operating Voltage:** 12 Volts DC (Max Supply Voltage 16 Volts)

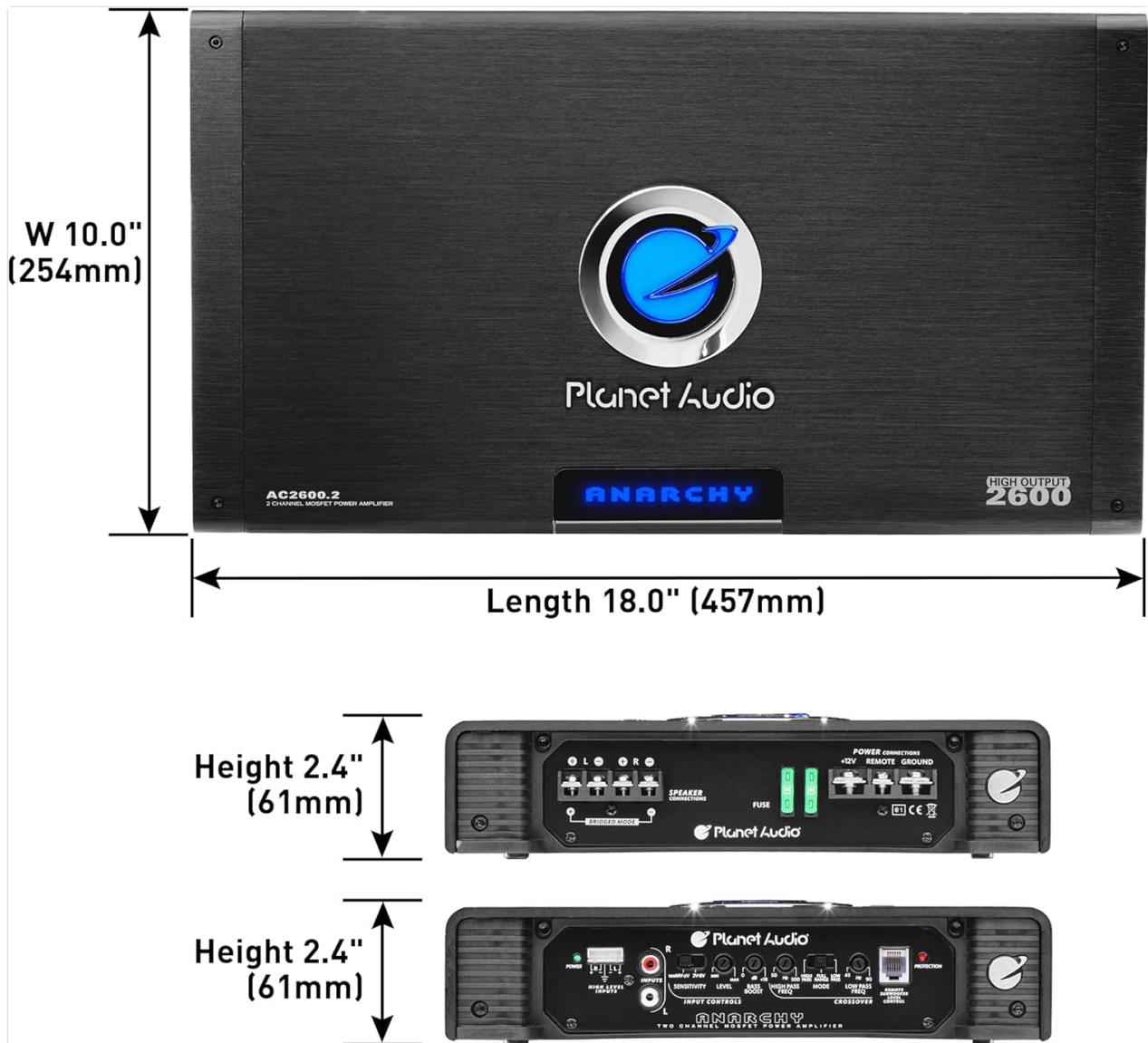


Image: Amplifier dimensions diagram.

WARRANTY AND SUPPORT

The Planet Audio AC26002 Anarchy amplifier comes with a **6 Year Platinum Online Dealer Warranty** when purchased through authorized online dealers like Amazon.com. Registration may be required after purchase to activate the full warranty.

For technical support or warranty claims, please contact Planet Audio customer service or your authorized dealer. Keep your proof of purchase for warranty validation.



Image: Warranty information graphic.

