

Absolute USA KIT-4PU

Absolute USA KIT-4PU 2000 Watt 4-Gauge Amplifier Hookup Kit Instruction Manual

Model: KIT-4PU

1. INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Absolute USA KIT-4PU 2000 Watt 4-Gauge Amplifier Hookup Kit. This kit is designed to provide the necessary wiring and components for connecting a car audio amplifier to your vehicle's electrical system and audio sources. Please read this manual thoroughly before beginning installation to ensure safe and correct setup.

2. SAFETY INFORMATION

Always prioritize safety during installation. Improper wiring can lead to electrical shorts, damage to your vehicle, or personal injury. Observe the following precautions:

- **Disconnect the Vehicle Battery:** Before starting any wiring, always disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
- **Use Proper Tools:** Ensure you have the correct tools for stripping wires, crimping terminals, and tightening connections.
- **Fuse Protection:** The included fuse holder and fuse are critical for protecting your amplifier and vehicle's electrical system from overcurrent. Install the fuse holder as close to the battery as possible.
- **Secure Wiring:** Route all cables away from moving parts, sharp edges, and heat sources. Use cable ties to secure wiring.
- **Proper Grounding:** Ensure the amplifier is grounded to a clean, unpainted metal surface on the vehicle chassis. A poor ground connection can cause noise and reduce amplifier performance.
- **Professional Installation:** If you are unsure about any part of the installation process, consult a qualified car audio professional.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your Absolute USA KIT-4PU kit:

- 1 x 4-Gauge Purple Power Cable (17 feet)
- 1 x 4-Gauge Black Ground Cable
- 1 x RCA Interconnect Cable
- 1 x Speaker Wire

- 1 x Remote Turn-On Wire
- 1 x AGU Fuse Holder with Fuse
- Assorted Cable Ties and Connectors



This image displays the Absolute USA KIT-4PU amplifier hookup kit in its retail packaging, showing the various cables and components included, such as the purple power cable, black ground cable, RCA cables, speaker wire, and fuse holder.

4. SETUP AND INSTALLATION

Follow these steps carefully for a successful amplifier installation:

1. **Disconnect Battery:** Locate your vehicle's battery and disconnect the negative (-) terminal.
2. **Route Power Cable:** Run the purple 4-gauge power cable from the battery location through the firewall into the vehicle's interior. Ensure the cable is protected from sharp edges and heat.
3. **Install Fuse Holder:** Install the AGU fuse holder within 18 inches (45 cm) of the battery's positive (+) terminal. Connect one end of the power cable to the fuse holder and the other end to the battery's positive terminal (do not insert the fuse yet).
4. **Connect Power to Amplifier:** Route the remaining power cable from the fuse holder to the amplifier's power input terminal.
5. **Route Ground Cable:** Run the black 4-gauge ground cable from the amplifier's ground terminal to a clean, unpainted metal surface on the vehicle chassis. Ensure a solid, low-resistance connection. The ground cable should be as short as possible, ideally less than 2 feet.
6. **Route Remote Turn-On Wire:** Connect the remote turn-on wire from your head unit's remote output to the amplifier's remote input terminal. This wire signals the amplifier to turn on and off with the head unit.
7. **Route RCA Interconnect Cable:** Connect the RCA interconnect cable from your head unit's RCA outputs to the amplifier's RCA inputs.
8. **Route Speaker Wire:** Connect the speaker wire from the amplifier's speaker outputs to your speakers. Ensure correct polarity (+ to + and - to -).
9. **Secure All Cables:** Use the provided cable ties to secure all cables, preventing them from interfering with vehicle operation or being damaged.
10. **Insert Fuse and Reconnect Battery:** Once all connections are secure and verified, insert the fuse into the fuse holder. Reconnect the negative (-) terminal of your vehicle's battery.

5. OPERATING INSTRUCTIONS

After successful installation, the amplifier hookup kit facilitates the power and signal flow to your car audio amplifier. Operation is passive:

- Turn on your vehicle's head unit. The remote turn-on wire will signal the amplifier to power on.
- Adjust amplifier settings (gain, crossover, bass boost) according to your amplifier's manual and your audio preferences.
- Ensure all connections remain secure for optimal performance.

6. MAINTENANCE

Regular inspection of your wiring kit can help ensure long-term performance and safety:

- **Check Connections:** Periodically inspect all connections (battery, fuse holder, amplifier terminals, ground point) to ensure they are tight and free from corrosion.
- **Inspect Cables:** Look for any signs of wear, fraying, or damage to the insulation of the cables. Replace any damaged cables immediately.
- **Fuse Check:** If your amplifier loses power, check the fuse in the AGU fuse holder. If blown, replace it with a fuse of the exact same amperage rating. Never use a higher-rated fuse.

7. TROUBLESHOOTING

If you encounter issues after installation, consider the following:

- **Amplifier Not Turning On:**
 - Check the fuse in the fuse holder.
 - Verify the power cable is securely connected to the battery and amplifier.
 - Ensure the ground cable has a solid connection to the chassis.
 - Confirm the remote turn-on wire is connected and receiving a signal from the head unit.
- **No Sound or Distorted Sound:**
 - Check RCA cable connections at both the head unit and amplifier.
 - Verify speaker wire connections and polarity.
 - Ensure amplifier gain and other settings are correctly adjusted.
- **Noise (Whine, Hiss):**
 - Ensure the ground connection is clean and secure.
 - Route power and RCA cables separately to avoid interference.
 - Check for proper grounding of the head unit.

8. SPECIFICATIONS

Feature	Specification
Model Number	KIT-4PU
Power Handling	Up to 2000 Watts
Gauge	4 Gauge
Power Cable Length	17 Feet
Color	Purple
Product Dimensions	14 x 12 x 2 inches

Item Weight	0.01 ounces (Note: This weight may be a listing error; actual weight will be higher.)
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9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Absolute USA KIT-4PU amplifier hookup kit, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Manufacturer: Absolute USA Inc.

Website: www.absoluteusa.com

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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