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Harmony Audio HA-ALP16B-63

Harmony Audio Wire Harness Instruction Manual

For Alpine CDE-9845 Aftermarket Stereo Radio Receiver

Model: HA-ALP16B-63

INTRODUCTION

This manual provides comprehensive instructions for the proper installation and use of your Harmony Audio wire harness. Specifically designed for compatibility with Alpine CDE-9845 aftermarket stereo radio receivers, this harness ensures a seamless, secure, and reliable electrical connection for your car audio system. Following these guidelines will help you achieve optimal performance and extend the lifespan of your product.

SETUP AND INSTALLATION

The Harmony Audio wire harness is engineered for a straightforward plug-and-play installation process. Careful attention to each step will ensure a correct and safe connection.

Before You Begin

- **Safety First:** Always disconnect your vehicle's negative battery terminal before beginning any electrical work to prevent accidental shorts or damage.
- **Compatibility Check:** Confirm that your aftermarket radio is indeed an Alpine CDE-9845 model to ensure proper fitment and function.
- **Tools Required:** Gather necessary tools such as wire strippers, crimpers (or soldering iron and solder), electrical tape, and a multimeter for testing connections if needed.

Connection Steps

1. **Identify Harnesses:** Locate the factory wiring harness in your vehicle's dashboard and the wiring harness on your Alpine CDE-9845 aftermarket stereo.
2. **Wire Matching:** Carefully match the color-coded wires of the Harmony Audio harness to the corresponding wires on your aftermarket stereo's harness. Refer to the wiring diagram provided with your Alpine CDE-9845 stereo for specific wire functions (e.g., power, ground, speaker outputs).
3. **Secure Connections:** Securely connect each matched pair of wires. For the most reliable

connection, soldering and heat-shrinking are recommended. Alternatively, use high-quality crimp connectors. Ensure all connections are insulated to prevent short circuits.

4. **Stereo Connection:** Once all individual wire connections are made, plug the 16-pin connector of the Harmony Audio harness into the corresponding port on your Alpine CDE-9845 stereo.
5. **Vehicle Connection:** Plug the vehicle-specific end of the Harmony Audio harness into your vehicle's factory wiring harness. This connection is designed for a direct OEM fit.
6. **Wire Routing:** Carefully route all wires to avoid pinching, kinking, or interference with other vehicle components.
7. **Reconnect Battery:** Reconnect your vehicle's negative battery terminal.
8. **Test Functionality:** Turn on your vehicle and test the functionality of your aftermarket stereo to ensure all features (power, audio, fader, balance) are working correctly.



A close-up view of the 16-pin connector end of the Harmony Audio wire harness, showing the precisely molded plastic housing and the individual wire terminals. This is the end that connects to your Alpine CDE-9845 stereo.



The Harmony Audio wire harness displayed in its retail packaging, highlighting the color-coded wires and the product label. This image shows the full length of the harness and its presentation.

OPERATION

The Harmony Audio wire harness serves as a passive electrical conduit between your vehicle's factory wiring and your Alpine CDE-9845 aftermarket stereo. Once correctly installed, it facilitates the transfer of power, ground, and audio signals, enabling the stereo to function as intended. No direct user interaction with the harness itself is required after installation; its operation is entirely dependent on the proper functioning of your stereo and vehicle's electrical system.

MAINTENANCE AND CARE

The Harmony Audio wire harness is designed for long-term durability and requires minimal maintenance. Adhering to these simple guidelines will help ensure its continued performance:

- **Connection Integrity:** Periodically, if accessible, ensure all wire connections remain secure and free from corrosion. Loose connections can lead to intermittent audio or power issues.
- **Environmental Protection:** Avoid exposing the harness to extreme temperatures, excessive moisture, or harsh chemicals, as these can degrade the wire insulation and connectors.
- **Physical Stress:** Do not pull or tug on the wires excessively. This can damage the internal copper conductors or compromise the integrity of the crimped/soldered connections.
- **Disconnection:** If you need to remove the stereo, carefully disconnect the harness by pressing the release tabs on the connectors rather than pulling on the wires.

TROUBLESHOOTING

Should you encounter issues after installation, refer to the following common troubleshooting steps:

No Power to Stereo

- **Check Fuses:** Inspect your vehicle's fuse box for any blown fuses related to the radio or accessory power. Replace if necessary.
- **Verify Power Connections:** Ensure the constant 12V (typically yellow wire) and accessory 12V (typically red wire) connections are secure and receiving power using a multimeter.
- **Ground Connection:** Confirm that the ground wire (typically black wire) has a solid, clean connection to the vehicle's chassis.

No Sound from Speakers

- **Speaker Wire Connections:** Double-check that all speaker wires (e.g., green, purple, white, gray pairs) are correctly connected to the stereo's speaker outputs and the vehicle's speaker inputs, maintaining correct polarity (+/-).
- **Stereo Settings:** Verify that the stereo's audio output is enabled, not muted, and that the fader/balance settings are correctly adjusted.

Intermittent Functionality

- **Inspect Connections:** Thoroughly inspect all wire connections for any looseness, corrosion, or signs of damage. Re-crimp or re-solder any questionable connections.
- **Wire Integrity:** Ensure the harness itself is not pinched, cut, or damaged by other components within the dashboard, which could cause intermittent shorts or open circuits.

PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	HA-ALP16B-63
Compatibility	Alpine CDE-9845 Aftermarket Stereo Radio Receiver
Wire Gauge	18 gauge
Connector Type	16-Pin (Direct OEM Fit Connection)
Material	Copper, Polyvinyl Chloride (PVC)
Product Dimensions (L x W x H)	7 x 1 x 1 inches
Item Weight	0.8 ounces (22.68 g)
Manufacturer	Harmony Audio

WARRANTY AND SUPPORT

For detailed warranty information, terms, and conditions, please refer to the official Harmony Audio website or contact their customer service directly. It is advisable to retain your purchase receipt as proof of purchase for any warranty claims.

Harmony Audio Customer Service: For further assistance or technical support, you may visit the Harmony Audio Store on Amazon or their official website.

[Visit Harmony Audio Store on Amazon](#)

Note: Unauthorized modifications or improper installation of this product may void your warranty.

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