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## Harmony Audio HA-ALP16B-69

# Harmony Audio Aftermarket Stereo Radio Receiver Replacement Wire Harness

Model: HA-ALP16B-69

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## INTRODUCTION

Thank you for choosing the Harmony Audio Aftermarket Stereo Radio Receiver Replacement Wire Harness. This product is designed to provide a seamless and reliable connection for your aftermarket car stereo, specifically compatible with the Alpine CDE-9872E model. Our harness features clearly marked, color-coded wires for easy installation and is made with 18-gauge high-quality wire to ensure optimal performance and durability. It offers a direct OEM fit connection, simplifying the process of integrating your new stereo into your vehicle's electrical system.

Please read this manual thoroughly before installation to ensure proper setup and operation.



*Image 1: Close-up view of the Harmony Audio 16-pin wire harness connector, showing the black plastic housing and the multi-colored wires extending from it.*

## SETUP AND INSTALLATION

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This wire harness is designed for a "plug and play" installation, but proper identification of wires is crucial for correct functionality and to prevent damage to your stereo or vehicle's electrical system.

### Before You Begin:

- **Safety First:** Disconnect the vehicle's negative battery terminal before starting any electrical work to prevent short circuits or electrical shock.
- **Consult Vehicle Manual:** Refer to your vehicle's service manual for specific wiring diagrams and instructions related to stereo removal and installation.
- **Consult Stereo Manual:** Refer to your Alpine CDE-9872E stereo's manual for its specific wiring diagram.
- **Tools Required:** Wire strippers/crimpers, electrical tape or heat shrink tubing, multimeter (optional, for verifying connections).

### Installation Steps:

1. **Identify Wires:** The Harmony Audio harness features clearly marked, color-coded wires. Match these wires to the corresponding wires on your Alpine CDE-9872E aftermarket stereo's wiring harness. Common wire functions include:
  - Yellow: Constant 12V (Memory/Battery)
  - Red: Switched 12V (Accessory/Ignition)
  - Black: Ground
  - Blue: Power Antenna/Remote Turn-On
  - Orange: Illumination/Dimmer
  - Speaker Wires (e.g., White/White-Black, Gray/Gray-Black, Green/Green-Black, Violet/Violet-Black)



Image 2: The Harmony Audio wire harness displayed in its retail packaging, which includes a visible wiring color code chart for easy identification.

- **Connect Wires:** Carefully connect the wires from the Harmony Audio harness to the corresponding wires on your aftermarket stereo's harness. It is recommended to solder and heat shrink connections for the most secure and reliable bond. Alternatively, high-quality crimp connectors can be used. Ensure all connections are insulated properly to prevent short circuits.
- **Plug into Vehicle:** Once all connections between the Harmony Audio harness and your aftermarket stereo are secure, plug the vehicle-specific end of the Harmony Audio harness into the factory wiring harness connector in your vehicle's dashboard.
- **Test System:** Before fully reassembling your dashboard, reconnect the vehicle's negative battery terminal. Turn on the vehicle and test the stereo's functionality (power, audio, balance, fader, radio, auxiliary inputs, etc.).
- **Secure Stereo:** If all functions are working correctly, carefully mount your aftermarket stereo into the dashboard and reassemble any removed panels.

## OPERATING INSTRUCTIONS

This Harmony Audio wire harness facilitates the electrical connection between your vehicle and the Alpine CDE-9872E aftermarket stereo. It does not have operational controls itself. For detailed operating instructions of your stereo, please refer to the owner's manual provided with your Alpine CDE-9872E unit. Ensure all connections are secure for consistent power and audio signal transmission.

## MAINTENANCE

The Harmony Audio wire harness is designed for long-term durability and typically requires no routine maintenance after proper installation.

- **Periodic Inspection:** If you experience intermittent issues with your stereo, it may be beneficial to periodically check the connections of the wire harness to ensure they remain secure and free from

corrosion.

- **Cleanliness:** Keep the area around the stereo and harness free from excessive dust or moisture, which can degrade electrical connections over time.
- **Avoid Stress:** Do not pull or put excessive strain on the wires once installed, as this can damage the connections or the harness itself.

## TROUBLESHOOTING

If you encounter issues after installing your Harmony Audio wire harness and aftermarket stereo, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Stereo does not power on.	Incorrect wiring for constant 12V (Yellow) or switched 12V (Red); Blown fuse in vehicle or stereo; Poor ground connection (Black).	Verify all power and ground connections using a multimeter. Check vehicle and stereo fuses. Ensure the ground wire is securely attached to a clean metal surface.
No sound from speakers.	Incorrect speaker wiring; Speaker wires shorted; Stereo's fader/balance settings incorrect; Amplifier not turning on (if applicable).	Double-check all speaker wire connections (positive to positive, negative to negative). Ensure no bare speaker wires are touching each other or metal. Adjust stereo settings. Verify remote turn-on wire (Blue) is connected if using an external amplifier.
Stereo loses memory/settings.	Constant 12V (Yellow) wire not connected or losing power.	Ensure the Yellow wire is correctly connected to a constant 12V source in the vehicle's harness.
Intermittent power/audio.	Loose connections; Damaged wires.	Inspect all wire connections for looseness or damage. Re-solder or re-crimp as necessary.

If problems persist, it is recommended to consult a professional car audio installer or contact Harmony Audio customer support.

## SPECIFICATIONS

- **Product Type:** Aftermarket Stereo Radio Receiver Replacement Wire Harness
- **Compatibility:** Alpine CDE-9872E (and other compatible Alpine models)
- **Wire Gauge:** 18 Gauge
- **Connector Type:** 16-Pin harness (direct OEM fit connection)
- **Installation:** Plug and Play (requires matching to aftermarket stereo wires)
- **Dimensions:** Approximately 7 x 1 x 1 inches (L x W x H)
- **Weight:** Approximately 0.8 ounces (22.68 grams)
- **Model Number:** HA-ALP16B-69

## WARRANTY AND SUPPORT

Harmony Audio stands behind the quality of its products. For specific warranty information regarding your wire

harness, please refer to the documentation included with your purchase or visit the official Harmony Audio website. Typically, products are covered against manufacturing defects for a limited period from the date of purchase.

### **Customer Support:**

If you have questions about installation, troubleshooting, or product compatibility, please contact Harmony Audio customer support. Contact information can usually be found on the product packaging or the Harmony Audio official website.

**Online Resources:** Visit the Harmony Audio Store on Amazon

When contacting support, please have your product model number (HA-ALP16B-69) and purchase details ready.