

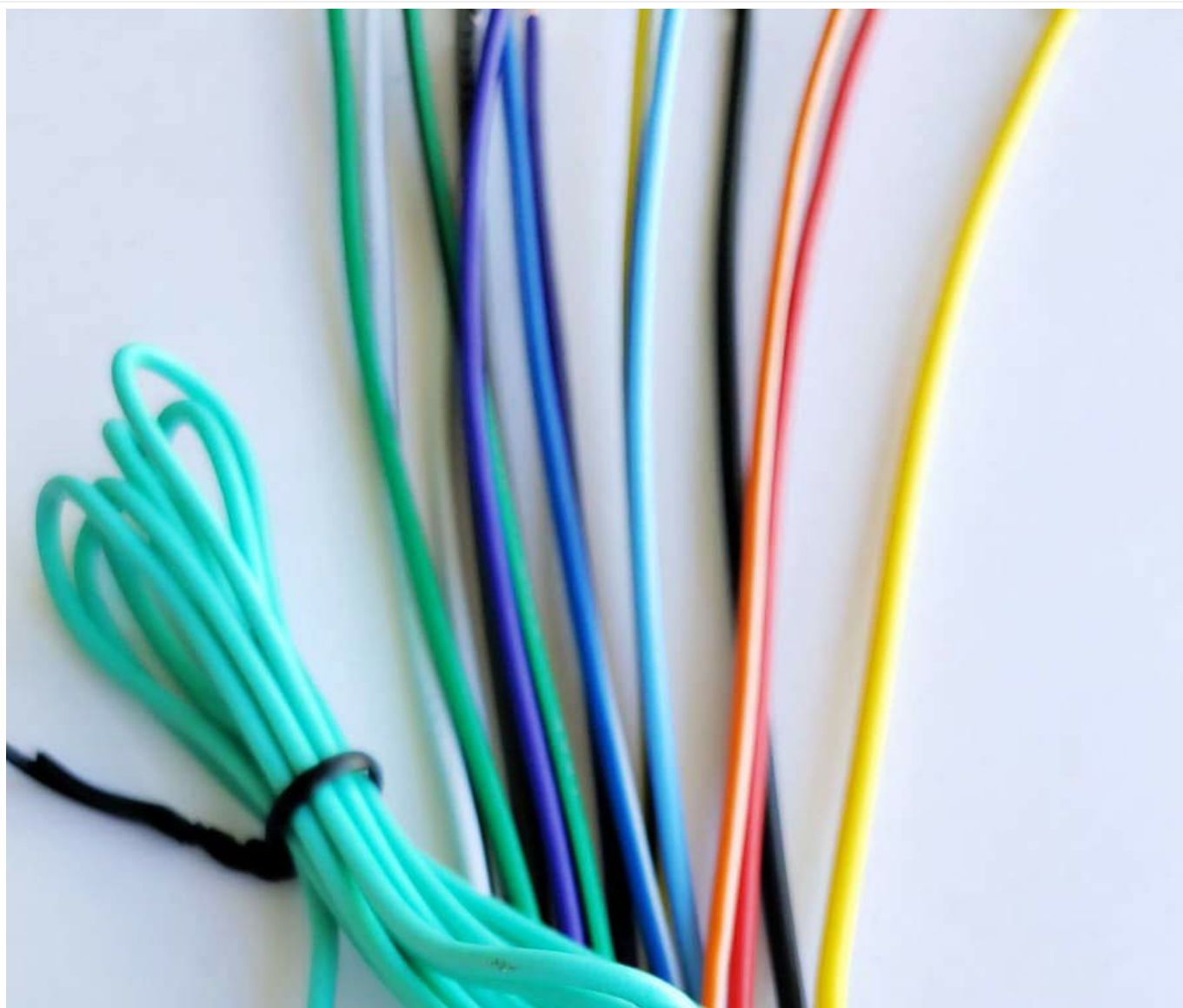
PIO-KEH

Generic 16-Pin Auto Stereo Wiring Harness Plug

Installation and Usage Guide for Pioneer KEH Series

1. INTRODUCTION

This manual provides instructions for the proper installation and use of the Generic 16-Pin Auto Stereo Wiring Harness Plug. This harness is designed to simplify the connection of an aftermarket car stereo to your vehicle's existing wiring, specifically for compatible Pioneer KEH series models. It ensures a secure and correct electrical connection, facilitating audio and power functions.



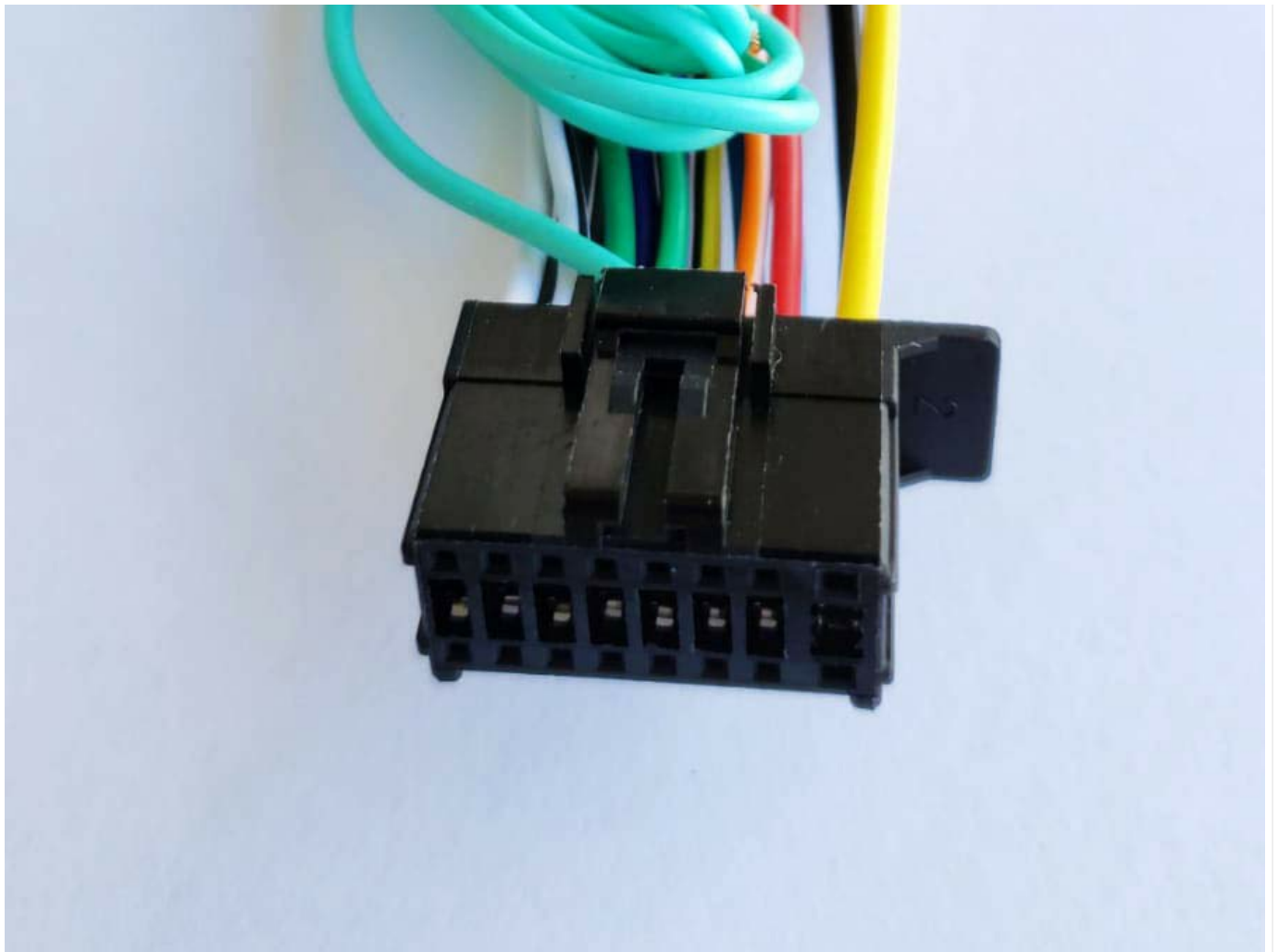


Image 1: The 16-pin auto stereo wiring harness plug, showing the connector and various colored wires.

2. SETUP AND INSTALLATION

2.1 Safety Precautions

- Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits and electrical shock.
- Ensure all connections are secure and properly insulated to prevent electrical shorts.
- If you are unsure about any step, consult a professional car audio installer.
- Refer to your vehicle's service manual for specific wiring diagrams and instructions.

2.2 Identifying Wires

The wiring harness simplifies installation by providing color-coded wires that correspond to standard car audio connections. Match the wires from this harness to the corresponding wires on your vehicle's wiring harness and your Pioneer stereo's wiring diagram.

Table 1: Common Wiring Color Codes and Functions

Wire Color	Function
Yellow	Constant 12V (Battery)
Red	Switched 12V (Accessory)

Wire Color	Function
Black	Ground
Blue	Power Antenna / Remote Turn-On
Orange	Illumination
White / White-Black	Front Left Speaker (+/-)
Gray / Gray-Black	Front Right Speaker (+/-)
Green / Green-Black	Rear Left Speaker (+/-)
Purple / Purple-Black	Rear Right Speaker (+/-)

2.3 Installation Steps

1. **Prepare the Vehicle:** Disconnect the negative battery terminal. Remove the existing car stereo from the dashboard to access the wiring.
2. **Identify Vehicle Wiring:** Consult your vehicle's wiring diagram to identify the functions of each wire in the factory harness.
3. **Connect Harness to Stereo:** Match the wires from the Generic 16-Pin harness to the corresponding wires on your new Pioneer KEH series stereo's wiring harness. Solder or crimp connections for reliability and insulate them with heat shrink tubing or electrical tape.
4. **Connect Harness to Vehicle:** Plug the 16-pin connector of the Generic harness into the compatible port on your Pioneer KEH series stereo. Then, connect the other end of the Generic harness (which you've wired to your stereo) to the vehicle's factory wiring harness.
5. **Test Connections:** Before fully reassembling the dashboard, reconnect the vehicle's negative battery terminal. Turn on the ignition and test the stereo's functions (power, audio from all speakers, radio, etc.).
6. **Secure and Reassemble:** Once all functions are verified, disconnect the battery again. Secure all wiring to prevent pinching or damage. Reinstall the stereo and dashboard components. Reconnect the battery.

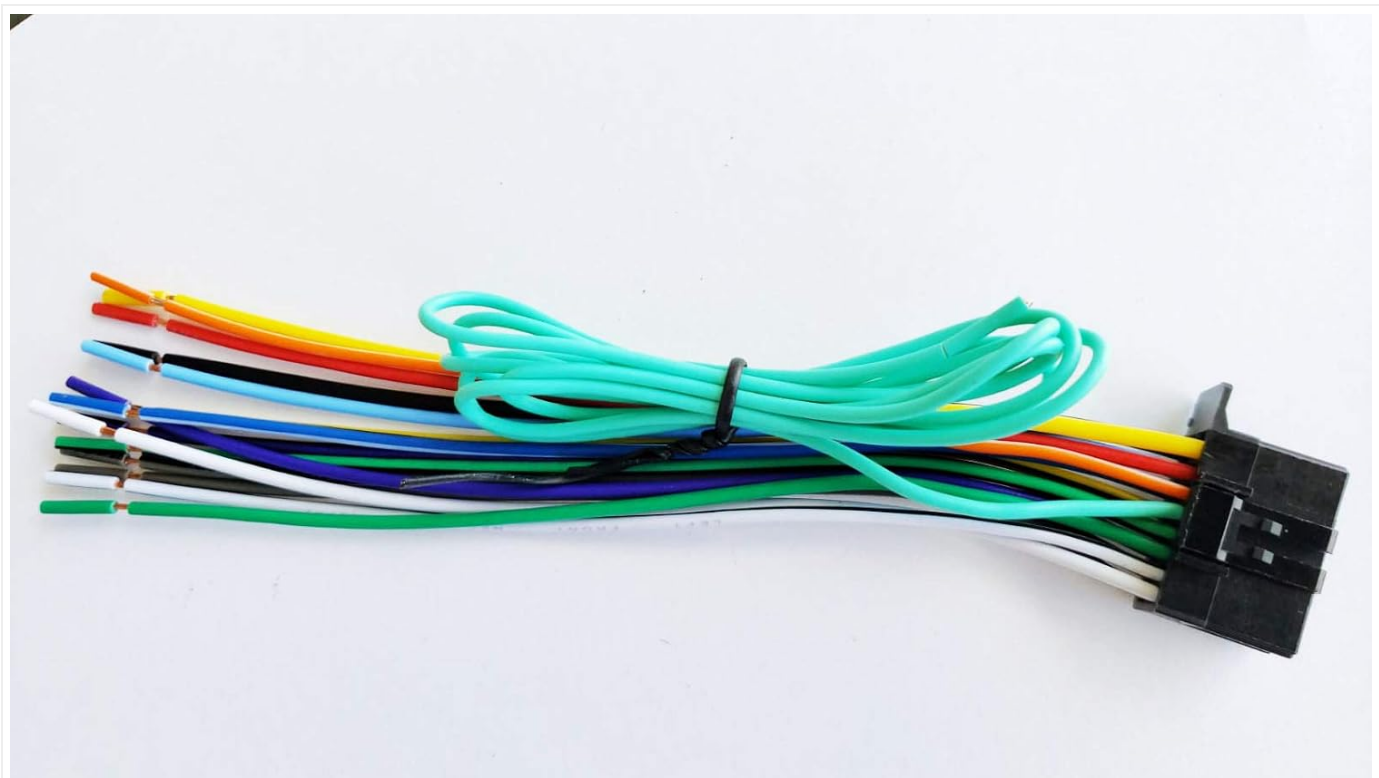


Image 2: The 16-pin auto stereo wiring harness plug with wires spread out, illustrating the individual color-coded wires.

3. OPERATION

The wiring harness itself is a passive component and does not have operational controls. Its function is to provide the necessary electrical connections for your Pioneer KEH series stereo to operate correctly within your vehicle. Once installed, the stereo should function according to its own user manual. Ensure all stereo features (power, audio, illumination, etc.) work as expected after installation.

4. MAINTENANCE

The Generic 16-Pin Auto Stereo Wiring Harness Plug requires minimal maintenance. Ensure that all connections remain secure and free from corrosion. Avoid pulling or straining the wires, which could lead to damage or intermittent connections. Periodically inspect the wiring if you experience any issues with your stereo's performance.

5. TROUBLESHOOTING

If you encounter issues after installing the wiring harness, consider the following troubleshooting steps:

- **No Power to Stereo:**
 - Check the vehicle's fuse box for blown fuses related to the stereo or accessory power.
 - Verify that the yellow (constant 12V) and red (switched 12V) wires are correctly connected and receiving power.
 - Ensure the black (ground) wire has a secure connection to the vehicle's chassis.
- **No Sound from Speakers:**
 - Confirm that all speaker wires (white, gray, green, purple, and their black-striped counterparts) are correctly matched and securely connected to the stereo and speakers.
 - Check the stereo's balance and fader settings.
- **Stereo Not Turning Off with Ignition:**
 - Ensure the red (switched 12V) wire is connected to a circuit that turns off with the ignition. It might be incorrectly connected to a constant power source.
- **Intermittent Issues:**
 - Inspect all connections for looseness or poor insulation.
 - Check for any pinched or damaged wires.

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional car audio technician.

6. SPECIFICATIONS

- **Product Type:** 16-Pin Auto Stereo Wiring Harness Plug
- **Brand:** Generic
- **Model Number:** PIO-KEH
- **Material:** Copper
- **Number of Items:** 1

- **Recommended Use:** Auto Stereo Installation
- **Compatible Pioneer Models:** KEH-1060, KEH-1080, KEH-1100, KEH-1400, KEH-1500, KEH-1550, KEH-1700, KEH-1800, KEH-1818, KEH-1900, KEH-2929, KEH-3400

7. WARRANTY AND SUPPORT

This product comes with a **60-day warranty** from the date of purchase. This warranty covers manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support or warranty inquiries, please contact your retailer or the manufacturer directly. Provide your product model number (PIO-KEH) and a detailed description of the issue when seeking assistance.

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