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Strpump SP-CAB-ISO-Female

Strpump Universal Standard ISO Car Radio Wiring Harness Adapter

Model: SP-CAB-ISO-Female (ISO Female 8+8Pin)

1. Product Overview

This Strpump Universal Standard ISO Car Radio Wiring Harness Adapter is designed to facilitate the connection of car radio, stereo, DVD, or CD units. It provides a standardized interface for power and loudspeaker connections, simplifying the installation process for various car models. The adapter features ISO Female (8+8Pin) connectors, ensuring compatibility with corresponding male ISO plugs found on many aftermarket car audio systems.

2. What's in the Box

- 1 x Strpump ISO Female (8+8Pin) Wiring Harness Adapter

3. Installation and Wiring Instructions

Before beginning installation, ensure the vehicle's battery is disconnected to prevent electrical shorts or damage. This harness is designed for connecting an aftermarket car radio or stereo to the vehicle's existing wiring system via ISO connectors.



Image: The Strpump ISO Female (8+8Pin) wiring harness adapter, showing two black plastic connectors with multiple colored wires extending from them. These wires are designed for connecting a car radio or stereo system.

3.1 Wiring Connection Guidelines

1. **Verify Pin Definitions:** The ISO socket on this adapter is fully pinned. It is crucial to refer to the pin definitions provided in your specific car radio's instruction manual and compare them with the standard ISO wiring color codes.
2. **Speaker Connections:** The car radio speaker cord uses a standard color code. Wires of the same color, often paired with a stripe, typically belong to a single speaker channel (e.g., solid green and green/black for one speaker). Connect these to your vehicle's speakers according to the radio's wiring diagram.
3. **Power Connections (BATT+ and ACC):** In some ISO definitions, the BATT+ (constant power) and ACC (accessory/switched power) wires may be opposite. If your radio does not power on or retain settings after installation, you may need to switch these two wires. Consult your radio's manual for correct identification.
4. **Additional Wires:** The three additional wires typically found on the left side of the ISO connector are often designated for specific functions such as:
    - **Back Camera Control:** For activating a reverse camera display.

- **Key1, Key2 (Steering Wheel Control):** For connecting to the vehicle's steering wheel control interface.

Refer to your car radio's ISO definition for the exact function of these wires.

5. **Retrofitting:** Carefully compare the pin definitions of this adapter with your radio's pin definitions to ensure correct retrofitting. Incorrect connections can lead to malfunction or damage.

3.2 General Safety Precautions

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- If you are unsure about any wiring step, consult a professional car audio installer.

4. Operating Instructions

Once the Strpump ISO Wiring Harness Adapter is correctly installed and connected to your car radio and vehicle's wiring, its operation is passive. The harness facilitates the flow of power and audio signals. The functionality of your car radio will depend on its own features and controls. Ensure all connections are firm for consistent performance.

5. Troubleshooting

- **Radio Not Powering On:**
  Check the BATT+ (constant power) and ACC (accessory/switched power) connections. These wires may be reversed in some vehicle or radio configurations. Refer to your radio's manual and switch them if necessary. Ensure the vehicle's fuse for the radio is intact.
- **Radio Powers On but Loses Settings:**
  This typically indicates an issue with the BATT+ (constant power) connection. The radio is not receiving continuous power to retain memory. Verify the BATT+ wire connection and ensure it is receiving constant 12V power.
- **No Sound from Speakers:**
  Verify all speaker wire connections. Ensure positive and negative terminals are correctly matched for each speaker. Check the radio's fader and balance settings. Confirm that the speaker wires are not shorted or damaged.
- **Steering Wheel Controls Not Working:**
  Ensure the Key1 and Key2 wires (if present and used) are correctly connected to your steering wheel control interface module (if applicable) and configured in your radio's settings.
- **General Connection Issues:**
  Always verify the point-to-point wiring of the adapter against your specific radio's and vehicle's pin-out diagrams. Do not rely solely on generic diagrams; consult the owner's manuals for each unit. Incorrect wiring can cause electrical failure.

6. Specifications

Brand	Strpump
Model Number	SP-CAB-ISO-Female
Connector Type	ISO Female (8+8Pin), Loudspeaker Female
Material	Acrylonitrile Butadiene Styrene

Item Weight	0.05 Kilograms (1.76 ounces)
Package Dimensions	3 x 2 x 1 inches

7. Warranty and Support

For warranty information or technical support regarding your Strpump ISO Wiring Harness Adapter, please refer to the documentation provided with your purchase or contact Strpump customer service directly. Ensure you have your product model number (SP-CAB-ISO-Female) available when seeking support.

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