

ACV 1324-45

ACV 1324-45 ISO Radio Connection Cable User Manual

INTRODUCTION

This manual provides instructions for the installation and use of the ACV 1324-45 ISO Radio Connection Cable. This adapter is designed to facilitate the installation of an aftermarket radio in compatible Audi, Seat, Skoda, and Volkswagen vehicles, specifically those requiring phantom power for the antenna and utilizing a Quadlock connector system.

PRODUCT FEATURES

- Enables the installation of a replacement car radio.
- Includes an additional adapter for connecting antenna voltage supply to car radios.
- Compatible with all models featuring a Quadlock connector.
- Specifically designed for Audi vehicles from 2012 onwards.
- Also compatible with various Seat, Skoda, and Volkswagen models.
- Constructed from copper and plastic for durability.

SETUP AND INSTALLATION

The ACV 1324-45 cable simplifies the process of connecting an aftermarket car radio. Please follow these general steps for installation. Professional installation is recommended if you are unfamiliar with car audio wiring.

1. **Vehicle Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected before beginning any electrical work.
2. **Access Radio Compartment:** Carefully remove the existing car radio or blanking plate to access the vehicle's wiring harness.
3. **Identify Vehicle Connector:** Locate the vehicle's Quadlock connector. The ACV 1324-45 cable is designed to interface with this type of connector.
4. **Connect ACV Adapter:** Connect the ACV 1324-45 adapter's vehicle-side connector to the vehicle's

existing Quadlock harness. Ensure a secure fit.

5. **Connect to Aftermarket Radio:** Connect the other end of the ACV 1324-45 adapter to the ISO connector of your new aftermarket car radio.
6. **Antenna Power Connection:** The adapter includes a separate wire for antenna voltage supply. Connect this wire to the corresponding antenna power output on your aftermarket radio to ensure proper antenna function, especially for phantom-powered antennas.
7. **Wiring Verification:** Double-check all connections for security and correct polarity. Some aftermarket radios or vehicle models may require minor adjustments to the power wires (e.g., swapping constant and switched 12V lines). Refer to your aftermarket radio's manual for specific wiring diagrams.
8. **Test Functionality:** Reconnect the vehicle battery and test the radio's functionality, including power, audio, and antenna reception, before fully reassembling the dashboard.

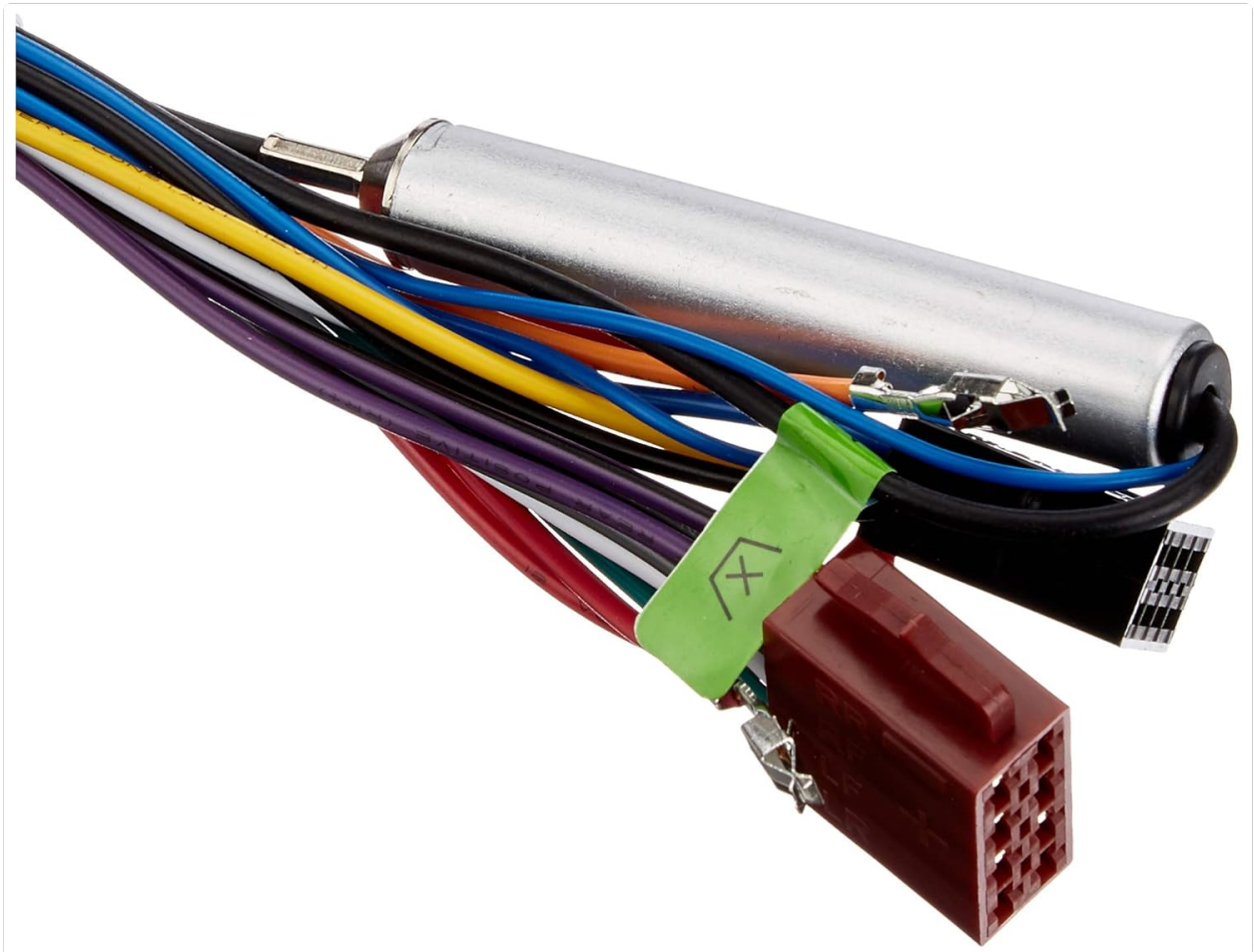


Figure 1: Overview of the ACV 1324-45 ISO Radio Connection Cable, showing the main harness and phantom power adapter.

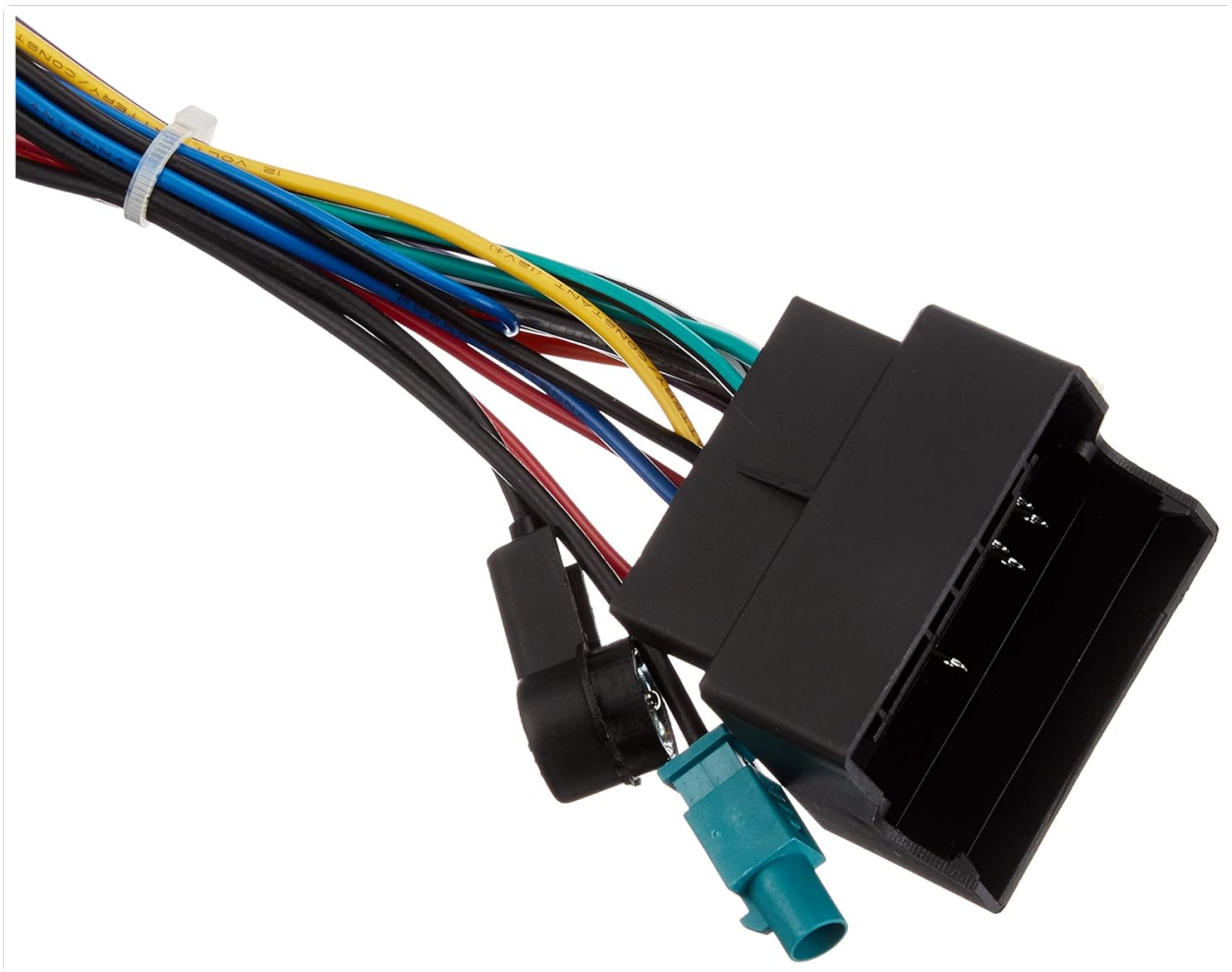


Figure 2: Detail of the Quadlock connector end of the ACV 1324-45 cable, which connects to the vehicle's wiring harness.



Figure 3: The ACV 1324-45 cable displaying both the vehicle-side Quadlock connector and the aftermarket radio's ISO connector, along with the antenna power line.

OPERATING INSTRUCTIONS

Once correctly installed, the ACV 1324-45 cable functions as a passive adapter, allowing your aftermarket

radio to operate as intended. There are no specific operating procedures for the cable itself. Refer to your aftermarket car radio's user manual for its operational instructions.

MAINTENANCE

The ACV 1324-45 radio connection cable requires minimal maintenance. Ensure all connections remain secure and free from moisture or physical damage. Avoid bending or crimping the wires excessively during installation or when routing the cable.

TROUBLESHOOTING

If you encounter issues after installing the ACV 1324-45 cable, consider the following:

- **No Power to Radio:** Verify that the vehicle's battery is properly connected and charged. Check all fuse connections. Ensure the constant 12V (yellow wire) and switched 12V (red wire) connections are correctly aligned between the vehicle harness, the ACV adapter, and the aftermarket radio. Some installations may require swapping these wires.
- **Poor Radio Reception:** Confirm that the antenna power wire from the ACV adapter is correctly connected to the aftermarket radio's antenna power output. This is crucial for phantom-powered antennas. Ensure the antenna itself is properly connected and undamaged.
- **No Audio Output:** Check all speaker wire connections for proper polarity and secure fit. Ensure the aftermarket radio is correctly configured for speaker output.
- **Intermittent Functionality:** Inspect all connections for looseness or corrosion. Ensure the cable is not pinched or damaged.

If problems persist, consult a professional car audio installer.

SPECIFICATIONS





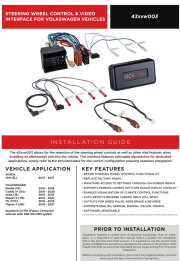
Feature	Detail
Brand	ACV
Model Number	1324-45
Product Dimensions (L x W x H)	23 x 7 x 4.7 cm (9.06 x 2.76 x 1.85 inches)
Weight	100 grams (0.22 lbs)
Material	Copper and Plastic
Connector Type	RF Connector (ISO to Quadlock adapter)
Recommended Use	Car Radio, Car Stereos
ASIN	B001K90KCS
International Article Code	04026724006810
Spare Parts Availability (EU)	1 Year

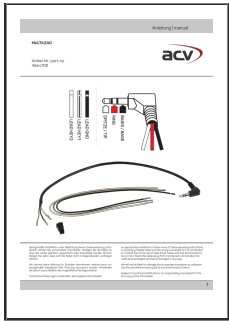
WARRANTY AND SUPPORT

This product is manufactured by ACV. Information regarding specific warranty terms is not provided in this manual. Please refer to your point of purchase or the manufacturer's official website for detailed warranty information.

Spare parts availability in the EU is indicated for 1 year from the date of purchase. For technical support or inquiries, please contact your retailer or ACV customer service.

Related Documents - 1324-45

	<p>ACV 42XAD002-0 Steering Wheel Control Interface for Audi Vehicles Installation Guide</p> <p>This guide provides installation instructions for the ACV 42XAD002-0 steering wheel control interface, enabling retention of factory steering wheel controls in Audi vehicles when installing an aftermarket stereo. It details vehicle application, key features, wiring, dipswitch configuration, and connection procedures.</p>
	<p>ACV 42a-1130-002-0 Steering Wheel Control Interface Installation Guide for Honda Vehicles</p> <p>Installation guide for the ACV 42a-1130-002-0 steering wheel control interface, designed for Honda vehicles. Provides wiring keys, dipswitch configurations, and step-by-step installation instructions for retaining steering wheel controls and other vital features.</p>
	<p>ACV 43xvw04 Steering Wheel Control & Video Interface for Volkswagen Vehicles - Installation Guide</p> <p>Installation guide for the ACV 43xvw04, a steering wheel control and video interface for Volkswagen, SEAT, and SKODA vehicles. Retain factory controls and features with aftermarket stereos.</p>
	<p>ACV 42XAD00C-0: Installation Guide for Audi Steering Wheel Control Interface</p> <p>Comprehensive installation guide for the ACV 42XAD00C-0 steering wheel control interface, enabling retention of factory controls in Audi vehicles with aftermarket stereos. Includes wiring, dipswitch settings, and connection diagrams.</p>
	<p>ACV 43xvw003 Steering Wheel Control & Video Interface for Volkswagen Vehicles - Installation Guide</p> <p>Comprehensive installation guide for the ACV 43xvw003, a steering wheel control and video interface for Volkswagen and Skoda vehicles. This interface allows retention of factory steering wheel controls and integration with aftermarket stereos, while maintaining access to vehicle settings and supporting parking cameras.</p>

 The image shows the cover of a technical manual titled "ACV MULTILEAD Wiring Adapter Installation Guide for Various Head Units". The cover features the ACV logo, a diagram of the wiring adapter, and a list of compatible car audio head units including Alpine, Clarion, JVC, Kenwood, Pioneer, Sony, Digital Dynamic, and Zenec. The manual is part number 42arc100.	<p>ACV MULTILEAD Wiring Adapter Installation Guide for Various Head Units</p> <p>Detailed installation manual for the ACV MULTILEAD adapter (part no. 42arc100), providing wiring pinouts and DIP switch settings for China Headunits, Alpine, Clarion, JVC, Kenwood, Pioneer, Sony, Digital Dynamic, and Zenec car audio systems.</p>
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