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› YTRIO Android Car Radio Canbus Box and 16-Pin Wiring Harness User Manual for Peugeot and Citroen Vehicles

YTRIO YTRIO717

YTRIO Android Car Radio Canbus Box and 16-Pin Wiring Harness User Manual

Model: YTRIO717

1. PRODUCT OVERVIEW

The YTRIO Android Car Radio Canbus Box and 16-pin wiring harness is designed to facilitate the installation of an aftermarket Android head unit in compatible Peugeot and Citroen vehicles. This kit ensures proper communication between the vehicle's existing systems (such as steering wheel controls, door status, and climate control information) and the new Android head unit, providing seamless integration and functionality.

The harness is constructed from high-quality copper and Polyvinyl Chloride (PVC) materials, ensuring durability and reliable electrical connections. It is designed for direct replacement installation, simplifying the upgrade process.

2. COMPATIBILITY

This wiring harness and Canbus box are specifically designed for use with 16-pin port Android head units and are compatible with the following vehicle models:

- For Peugeot 308 (2017 models)
- For Peugeot 208 (2018 models)
- For Peugeot 2008 (2018 models)
- For Peugeot 4008 (2017 models)
- For Peugeot 408 (2017-2019 models)
- For Peugeot 508L (2019 models)
- For Citroen C3 XR (2019 models)
- For Citroen C5 AIRCROSS (2018 models)

Ensure your Android head unit has a 16-pin port for proper connection.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The package typically includes:

- 1x YTRIO Android Car Radio Canbus Box
- 1x 16-Pin Wiring Harness
- Associated connection cables (e.g., RCA, USB, antenna adapters)



Figure 1: Overview of the YTRIO 16-pin wiring harness and Canbus box. This image displays the main wiring harness with its various connectors, including the 16-pin main connector, RCA cables, antenna adapters, and the Canbus box module.

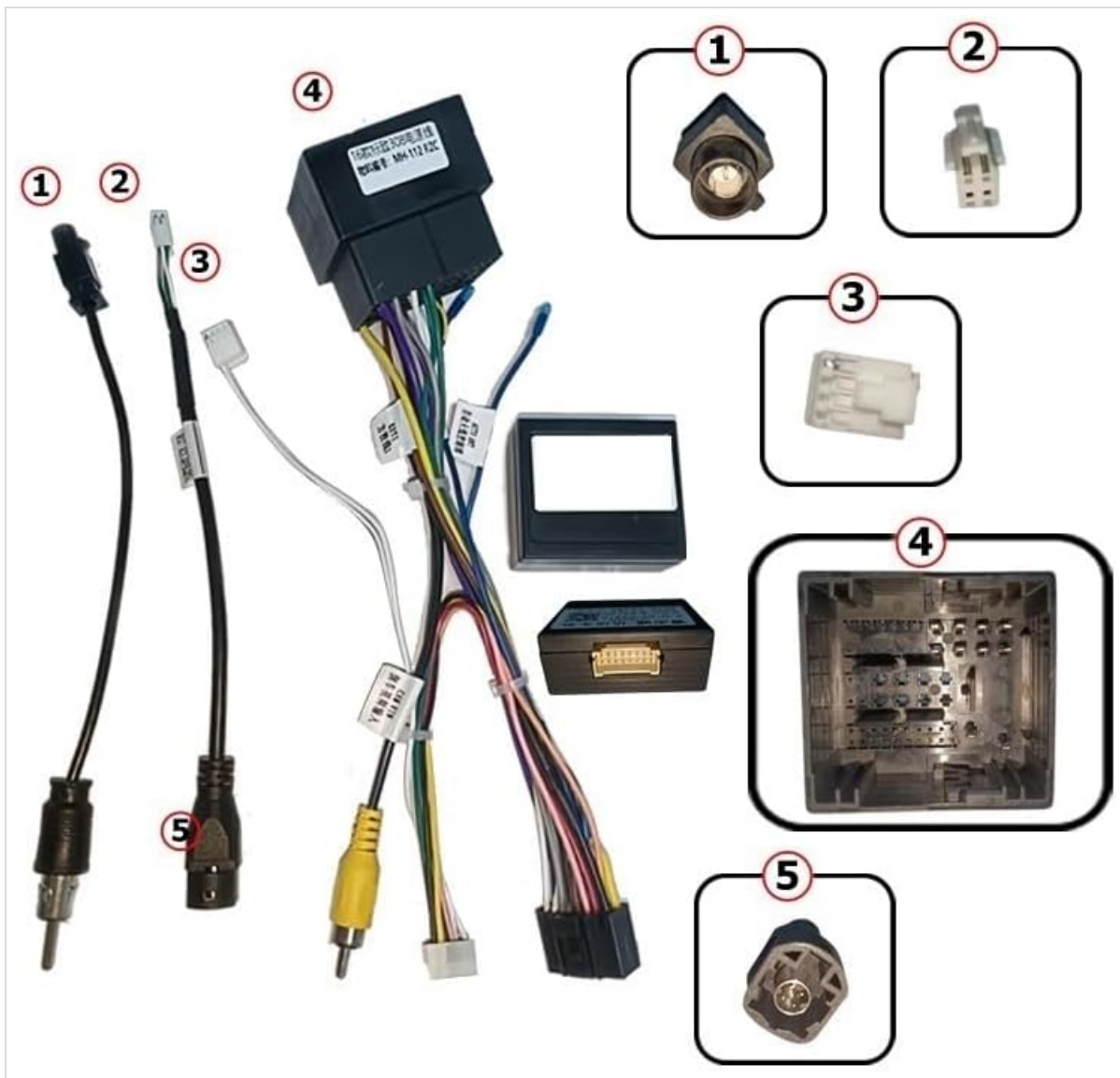


Figure 2: Detailed view of the wiring harness components. This image highlights specific connectors: (1) Antenna adapter, (2) USB connector, (3) Auxiliary input connector, (4) Canbus box module, and (5) Main power/speaker connector.

4. SETUP AND INSTALLATION

Installation of the YTRIO wiring harness and Canbus box requires basic automotive electrical knowledge. If you are unsure about any steps, it is recommended to seek professional installation.

4.1 Safety Precautions

- Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits and damage.
- Ensure the vehicle is turned off and the ignition key is removed.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Do not force connectors. Ensure proper alignment before pushing them together.

4.2 Installation Steps

1. **Remove Existing Head Unit:** Carefully remove the factory car radio from your vehicle. Refer to your vehicle's service manual for specific instructions on dash panel and radio removal.
2. **Disconnect Factory Wiring:** Disconnect all wiring harnesses and antenna cables from the back of the factory radio.

3. **Connect Canbus Box:** Connect the YTRIO Canbus box to the main wiring harness as indicated by the connectors. Ensure a secure fit.
4. **Connect to Vehicle:** Plug the vehicle-specific end of the YTRIO 16-pin wiring harness into the corresponding factory harness in your vehicle's dashboard.
5. **Connect to Android Head Unit:** Connect the 16-pin connector from the YTRIO harness to the 16-pin port on your new Android head unit. Connect any additional cables such as RCA for audio/video, USB, and antenna adapters.
6. **Test Functionality:** Before fully reassembling the dashboard, reconnect the vehicle's negative battery terminal. Turn on the vehicle and the Android head unit. Test basic functions such as power, audio, steering wheel controls, and any other integrated features (e.g., reverse camera, door status display).
7. **Secure Wiring and Reassemble:** Once all functions are verified, carefully route and secure all wiring to prevent pinching or interference. Reinstall the Android head unit and reassemble the dashboard panels.

5. OPERATING THE CANBUS SYSTEM

The Canbus box acts as an interface between your vehicle's digital communication network and your Android head unit. Once installed, it enables the following functionalities (depending on vehicle and head unit capabilities):

- **Steering Wheel Control Integration:** Allows the existing steering wheel buttons to control the Android head unit's volume, track skipping, mode selection, and other functions.
- **Vehicle Information Display:** May transmit vehicle data such as door open/close status, climate control settings, parking sensor data, or vehicle speed to the Android head unit for display.
- **Ignition (ACC) and Illumination Signals:** Provides correct ignition (ACC) and illumination signals to the Android head unit, ensuring it powers on/off with the vehicle and dims with the headlights.
- **Reverse Gear Signal:** Supplies a reverse gear signal, which is essential for automatic switching to a reverse camera display.

Configuration of these features is typically done within the settings menu of your Android head unit. Refer to your Android head unit's user manual for specific software configuration steps related to Canbus settings.

6. MAINTENANCE

The YTRIO wiring harness and Canbus box are designed for long-term, maintenance-free operation. No regular maintenance is required for these components. However, consider the following:

- **Secure Connections:** Ensure all connections remain secure and free from corrosion. If you experience intermittent issues, check the physical connections.
- **Avoid Physical Damage:** Protect the wiring from excessive heat, sharp edges, or crushing during and after installation.
- **Cleaning:** If the Canbus box or wiring becomes dusty, gently wipe it with a dry, soft cloth. Do not use liquid cleaners directly on electronic components.

7. TROUBLESHOOTING

If you encounter issues after installation, refer to the following troubleshooting guide:

- **No Power to Android Head Unit:**

- Check the vehicle's fuse box for any blown fuses related to the radio or accessory power.
- Ensure the 16-pin connector from the harness is fully seated into the Android head unit.
- Verify the main power connection from the YTRIO harness to the vehicle's factory harness is secure.
- Confirm the vehicle's negative battery terminal is properly reconnected.

- **Steering Wheel Controls Not Working:**

- Ensure the Canbus box is correctly connected to the main harness.
- Check the Canbus settings within your Android head unit's software. You may need to select the correct Canbus protocol or perform a learning function for the steering wheel controls.
- Verify compatibility of your Android head unit with Canbus steering wheel control integration.

- **No Sound or Intermittent Audio:**

- Check all speaker wire connections on the 16-pin harness.
- Ensure the RCA audio cables (if used) are securely connected.
- Verify the Android head unit's audio settings.

- **Vehicle Information Not Displaying:**

- Confirm the Canbus box is properly connected and recognized by the Android head unit.
- Check the Android head unit's settings for vehicle information display options.
- Ensure your specific vehicle model and year are fully supported for the desired Canbus features.

If these steps do not resolve the issue, contact YTRIO customer support or a qualified automotive electronics technician.

8. SPECIFICATIONS

Feature	Detail
Brand	YTRIO
Model Number	YTRIO717
Connector Type	16-pin
Material	Copper, Polyvinyl Chloride (PVC)
Item Weight	50 Grams (1.76 ounces)
Package Dimensions	1.18 x 0.79 x 0.39 inches
Number of Pieces	1 (Canbus Box and Harness Assembly)
Assembly Required	No (for the harness itself, but installation into vehicle is required)

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your YTRIO Android Car Radio Canbus Box and Wiring Harness, please refer to the documentation provided with your purchase or contact the seller directly. Ensure you have your product model number (YTRIO717) and purchase details available when

seeking support.

For general inquiries or to report issues, you may also visit the YTRIO brand page on Amazon or contact Amazon customer service for assistance with your order.