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› [QSZN](#) /

› [QSZN RP5-FT-001/FT-SS-02A Canbus Decoder and Wiring Harness for Fiat Ducato \(2006-2016\) Car Radio Installation](#)

QSZN RP5-FT-001/FT-SS-02A

QSZN RP5-FT-001/FT-SS-02A Canbus Decoder and Wiring Harness User Manual

For Fiat Ducato (2006-2016) Car Radio Installation

1. INTRODUCTION

This manual provides essential instructions for the proper installation and use of the QSZN RP5-FT-001/FT-SS-02A Canbus Decoder and 16-pin Wiring Harness. This product is designed to facilitate the installation of an aftermarket car radio in Fiat Ducato vehicles manufactured between 2006 and 2016, ensuring proper communication and power supply.

Please read this manual thoroughly before installation to ensure correct operation and to prevent damage to your vehicle or the product.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before beginning any electrical installation to prevent short circuits and electrical shock.
- Ensure all connections are secure and properly insulated to avoid electrical hazards.
- If you are unsure about any part of the installation process, consult a qualified automotive technician.
- Do not modify the wiring harness or Canbus decoder. Unauthorized modifications can lead to malfunction or damage.
- Verify vehicle compatibility before installation. This product is specifically for Fiat Ducato models from 2006-2016.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1x QSZN RP5-FT-001/FT-SS-02A Canbus Decoder Box
- 1x 16-Pin Power Wiring Harness

QSZN

For 2006-2016 FIAT DUCATO



Cable and Canbus



Image 3.1: Overview of the QSZN Canbus Decoder (RP5-FT-001) and the accompanying 16-pin wiring harness. This image displays the main components included in the package, highlighting the decoder box and the various wires of the harness.

4. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Prepare the Vehicle:** Ensure the vehicle's ignition is off and disconnect the negative terminal of the car battery.
2. **Remove Existing Radio:** Carefully remove the factory car radio from the dashboard. Refer to your vehicle's service manual for specific instructions on removing the radio.
3. **Connect Canbus Decoder:** Connect the Canbus decoder box (RP5-FT-001) to the designated connector on the wiring harness. Ensure it clicks securely into place.



Image 4.1: Detailed view of the RP5-FT-001 Canbus Decoder box, showing its various sides and the connector port. This helps in identifying the correct orientation for connection.

4. **Connect Wiring Harness to Aftermarket Radio:** Connect the 16-pin power wiring harness to your aftermarket car radio. Match the corresponding connectors. This harness provides power, ground, and speaker connections, as well as CANbus data signals.

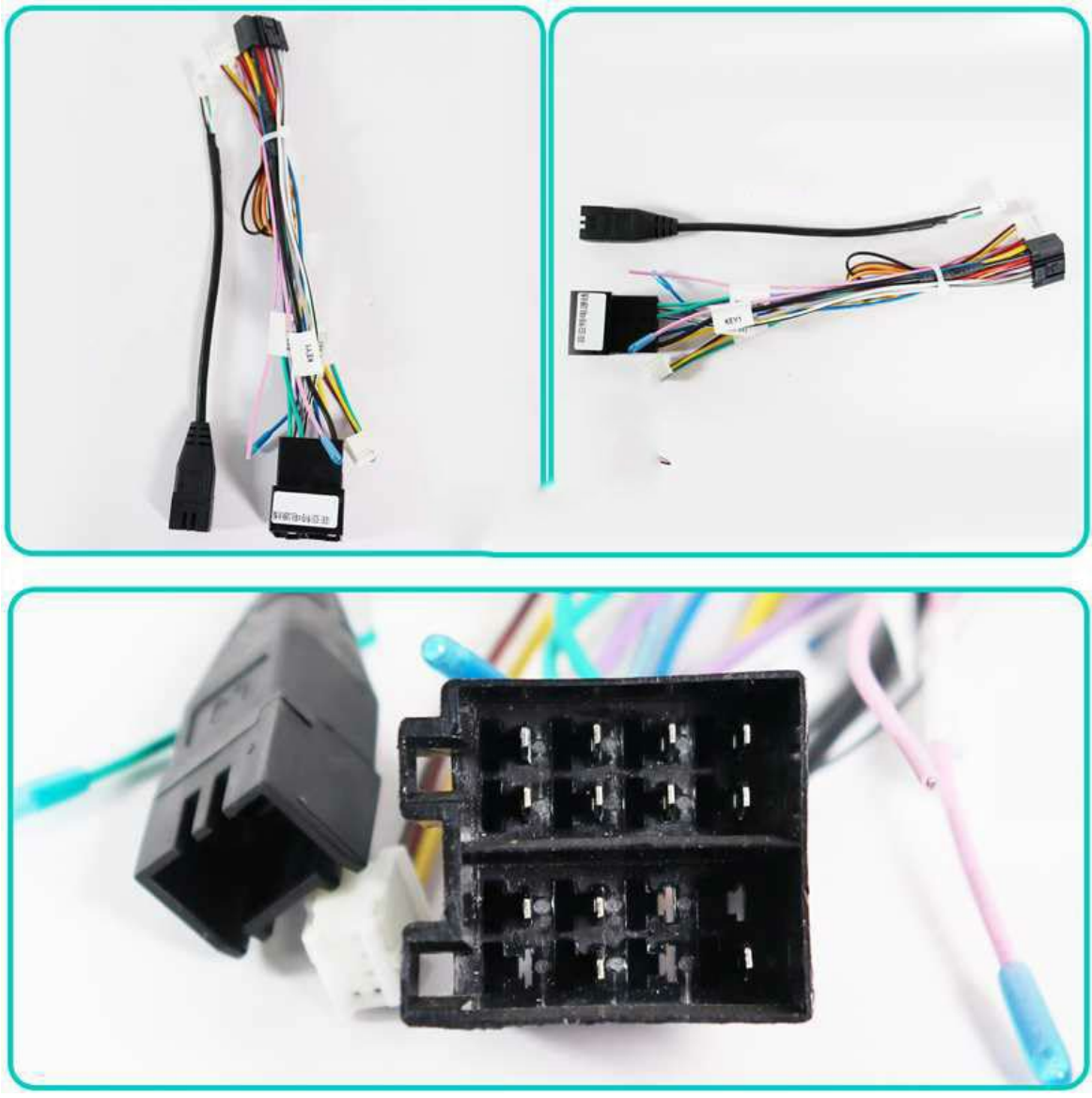


Image 4.2: Close-up of the wiring harness connectors, illustrating the various colored wires and their respective terminals. This image assists in identifying the correct connections for the aftermarket radio.

5. **Connect Wiring Harness to Vehicle:** Connect the vehicle-specific end of the wiring harness to the factory wiring harness in your Fiat Ducato.
6. **Reconnect Battery:** Once all connections are secure, reconnect the negative terminal of the car battery.
7. **Test Functionality:** Turn on the vehicle's ignition and test the aftermarket radio's functionality, including power, audio, steering wheel controls (if supported by the radio and vehicle), and other features that rely on CANbus data.
8. **Secure Radio:** Carefully re-install the aftermarket radio into the dashboard, ensuring no wires are pinched.

5. OPERATING INSTRUCTIONS

The QSZN Canbus Decoder and Wiring Harness operate automatically once correctly installed. Its primary function is to translate CANbus data from your Fiat Ducato into signals compatible with your aftermarket car radio, and to provide the necessary power connections.

- **Power On/Off:** The aftermarket radio should power on and off with the vehicle's ignition.
- **Steering Wheel Controls:** If your aftermarket radio supports steering wheel controls and your vehicle is

equipped with them, the Canbus decoder will typically enable these functions. Configuration may be required within your aftermarket radio's settings.

- **Illumination:** The harness provides illumination signals to the radio, allowing it to dim with the vehicle's dashboard lights.

6. MAINTENANCE

This product requires minimal maintenance. Ensure that all connections remain secure and free from moisture or corrosion. Periodically check for any loose wires or damaged insulation, especially if you experience intermittent issues with your car radio.

Do not attempt to open or repair the Canbus decoder box. Doing so will void any potential warranty and may cause damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Loose power connection, blown fuse, incorrect wiring.	Check all power connections. Verify vehicle and radio fuses. Ensure the harness is correctly connected to both the radio and the vehicle.
No sound from speakers.	Loose speaker connections, incorrect speaker wiring.	Check all speaker wire connections at both the radio and the vehicle harness. Ensure speaker wires are not shorting.
Steering wheel controls not working.	Radio not configured for SWC, incorrect CANbus connection, radio does not support SWC.	Refer to your aftermarket radio's manual for steering wheel control setup. Verify the CANbus decoder is properly connected. Confirm your radio model supports SWC.
Intermittent power or functionality.	Loose connections, faulty wiring.	Inspect all connections for looseness or corrosion. Ensure wires are not damaged or pinched.

8. SPECIFICATIONS

- **Model:** RP5-FT-001 / FT-SS-02A
- **Compatibility:** Fiat Ducato (2006-2016)
- **Input Voltage:** 12V DC
- **Item Weight:** Approximately 0.2 kg
- **Item Dimensions:** Approximately 10 x 10 x 10 cm (Canbus box)
- **Function:** CANbus data decoding, 16-pin power and speaker wiring

9. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For warranty claims or technical support, please contact the retailer or manufacturer directly with your purchase details.

Always retain your proof of purchase for any warranty or support inquiries.

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