MekedeTech Power Cable Wire Harness with Canbus Decoder

MekedeTech Power Cable Wire Harness with Canbus Decoder

For Ford Transit 2013-2019 (with Screen)

Model: FORD-R2-09

Introduction

This manual provides essential instructions for the proper installation and use of the MekedeTech Power Cable Wire Harness with Canbus Decoder. This product is designed to facilitate the integration of an aftermarket car stereo into Ford Transit vehicles manufactured between 2013 and 2019 that are equipped with a factory screen. The Canbus decoder ensures compatibility with the vehicle's electronic systems, allowing for the retention of certain factory features.

Product Overview

The MekedeTech Power Cable Wire Harness kit includes the main wiring loom, various connectors for vehicle and stereo integration, and a dedicated Canbus decoder module. The harness simplifies the wiring process by providing a plug-and-play solution for power, speaker connections, and data communication.



This image displays the complete MekedeTech power cable wire harness kit, including the main wiring loom with various connectors, the Canbus decoder module (labeled P/N:FORD-R2-09), and auxiliary cables such as an RCA connector and USB extension cables.

The Canbus decoder module, identified by P/N:FORD-R2-09, is crucial for translating vehicle data signals, ensuring functions like ignition power, illumination, and potentially steering wheel controls are correctly transmitted to the aftermarket stereo.

Setup and Installation

Safety Precaution: Before beginning any installation, ensure the vehicle's battery is disconnected to prevent electrical shorts or damage to components.

1. **Remove Factory Stereo:** Carefully remove the existing factory car stereo and any associated trim panels from the dashboard. Refer to your vehicle's service manual for specific instructions on panel removal.
2. **Identify Vehicle Connectors:** Locate the factory wiring harnesses that were connected to the original stereo.
3. **Connect Aftermarket Stereo Harness:** Connect the appropriate end of the MekedeTech wire harness to your aftermarket car stereo's wiring loom. Ensure all connections are secure and match the stereo's wiring diagram.
4. **Integrate Canbus Decoder:** Connect the Canbus decoder module into the designated connectors on the

MekedeTech wire harness. The decoder is typically integrated inline with the main power and data wires.

5. **Connect to Vehicle:** Plug the vehicle-specific connectors of the MekedeTech harness into the corresponding factory wiring harnesses in your Ford Transit. Ensure a firm and complete connection.
6. **Test Connections:** Before fully reassembling the dashboard, reconnect the vehicle battery and perform a preliminary test of the aftermarket stereo's functions, including power, audio output, steering wheel controls (if applicable), and any other integrated features.
7. **Secure Wiring and Reassemble:** Once all functions are verified, carefully route and secure all wiring to prevent pinching or interference. Reinstall the trim panels and the aftermarket stereo into the dashboard.

Operating Instructions

The MekedeTech Power Cable Wire Harness with Canbus Decoder operates automatically once correctly installed. Its primary function is to provide the necessary power, ground, and data signals from your Ford Transit to your aftermarket car stereo. This includes:

- **Ignition Power:** Provides a switched 12V power source, allowing the stereo to turn on and off with the vehicle's ignition.
- **Illumination:** Supplies a signal for stereo illumination to dim or brighten with the vehicle's dashboard lights.
- **Steering Wheel Controls:** Retains the functionality of factory steering wheel audio controls (volume, track, mode) with compatible aftermarket stereos.
- **Reverse Signal:** Provides a reverse gear signal for automatic camera activation or navigation system integration.

No user interaction is required with the harness or decoder after installation. All operations are managed through your aftermarket car stereo.

Maintenance

The MekedeTech Power Cable Wire Harness is designed for long-term reliability and requires minimal maintenance. Follow these guidelines:

- **Secure Connections:** Periodically check that all connections remain secure and free from corrosion, especially if the dashboard has been accessed for other reasons.
- **Inspect for Damage:** If any issues arise, inspect the visible portions of the harness for signs of physical damage, such as frayed wires or cracked insulation.
- **Keep Dry:** Ensure the harness and decoder are kept dry and away from excessive moisture.

Do not attempt to open or modify the Canbus decoder module, as this may void any potential warranty and could damage the device or vehicle electronics.

Troubleshooting

If you encounter issues after installation, consider the following troubleshooting steps:

- **No Power to Stereo:**
  - Verify the vehicle battery is fully charged and properly connected.
  - Check all harness connections for looseness or improper insertion.
  - Ensure the vehicle's ignition is on.
- **No Sound:**
  - Confirm speaker wires are correctly connected to the aftermarket stereo.
  - Check the stereo's volume and audio settings.

- **Steering Wheel Controls Not Working:**
  - Ensure your aftermarket stereo is compatible with steering wheel control interfaces.
  - Check the stereo's settings for steering wheel control configuration. Some stereos require manual programming.
  - Verify the Canbus decoder is properly connected and functioning.
- **Reverse Camera Not Activating:**
  - Confirm the reverse camera input wire on the aftermarket stereo is connected to the reverse signal output from the harness.
  - Check the stereo's settings for camera input activation.

If problems persist after attempting these steps, it is recommended to consult with a professional car audio installer or contact MekedeTech customer support.

Specifications

Feature	Detail
Brand	MekedeTech
Model / Part Number	FORD-R2-09
Compatibility	Ford Transit 2013-2019 (vehicles with factory screen)
Function	Power Cable Wire Harness with Canbus Decoder for Aftermarket Car Stereo
Connector Type	Automotive Connector
Package Dimensions	5 x 3 x 2 inches
Package Weight	8 ounces

What's in the Box:

- Power cable with integrated Canbus decoder

Warranty and Support

For warranty information or technical assistance, please refer to the purchase documentation or contact MekedeTech customer support directly. Keep your proof of purchase for any warranty claims.

Contact Information: Please visit the official MekedeTech website or your retailer's support page for the most current contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question