

Connects2 CTSFO003.2

Connects2 CTSFO003.2 Steering Wheel Control Interface Manual

Model: CTSFO003.2

1. INTRODUCTION

The Connects2 CTSFO003.2 is an interface designed to integrate an aftermarket car audio system with your vehicle's existing steering wheel controls. This device allows you to retain the functionality of your steering wheel buttons, such as volume control, track changes, and mode selection, when upgrading your car radio to a non-original equipment manufacturer (OEM) unit. This manual provides essential information for the correct installation and operation of the interface.

2. VEHICLE COMPATIBILITY

This interface is compatible with the following Ford vehicle models. Please ensure your vehicle is listed and falls within the specified year range. This unit is specifically for vehicles without 12V ignition power supplied directly on the vehicle's wiring harness.

- **Ford C-Max:** 2003 - 2010
- **Ford Fiesta:** 2005 - 2008
- **Ford Focus:** 2004 - 2011
- **Ford Fusion:** 2005 - 2012
- **Ford Galaxy:** 2006 - 2014
- **Ford Mondeo:** 2007 - 2014
- **Ford S-Max:** 2006 - 2014
- **Ford Transit:** 2006 - 2013
- **Ford Kuga:** 2008 - 2012
- **Ford Transit Connect:** 2004 - 2013

3. PACKAGE CONTENTS

The Connects2 CTSFO003.2 package typically includes:

- Connects2 CTSFO003.2 Interface Module

- Vehicle-specific Wiring Harness
- Universal Patch Lead (for connecting to aftermarket head unit)



Image 1: Connects2 CTSFO003.2 interface module and associated wiring harness. This image displays the main components included in the package, showing the central module and the various connectors for vehicle and head unit integration.

4. SETUP AND INSTALLATION

Important: Installation should be performed by a qualified professional. Disconnect the vehicle's battery before beginning any electrical work to prevent short circuits or damage.

1. **Prepare Vehicle:** Ensure the vehicle's ignition is off and disconnect the negative terminal of the vehicle battery.
2. **Remove OEM Head Unit:** Carefully remove the factory-installed car radio from the dashboard. Refer to your vehicle's service manual for specific instructions on trim panel and head unit removal.
3. **Connect Interface to Vehicle:** Connect the vehicle-specific wiring harness from the CTSFO003.2 kit to the corresponding connectors in your vehicle's dashboard. Ensure all connections are secure.
4. **Connect Interface to Aftermarket Head Unit:** Connect the universal patch lead from the CTSFO003.2 interface module to the steering wheel control input (usually a 3.5mm jack or a specific wire labeled 'SWC' or 'Key1/Key2') on your aftermarket head unit. Then, connect the main harness from the CTSFO003.2 module to your aftermarket head unit's ISO connectors.
5. **Power Connection (if applicable):** For vehicles without 12V ignition power on the harness, ensure the interface receives a switched 12V power supply from an alternative source (e.g., fuse box). Consult a wiring diagram or professional installer if unsure.
6. **Secure Module:** Once all connections are made, secure the CTSFO003.2 interface module in a safe

location behind the dashboard, away from moving parts or heat sources.

7. **Test Functionality:** Reconnect the vehicle battery. Turn on the ignition and the aftermarket head unit. Test all steering wheel control buttons to ensure they function correctly with the new head unit.
8. **Reassemble:** If all functions are confirmed, carefully reassemble the dashboard and secure the aftermarket head unit.

5. OPERATING INSTRUCTIONS

Once the Connects2 CTSFO003.2 interface is correctly installed and configured, it operates automatically. Your vehicle's steering wheel controls will now communicate with your aftermarket head unit. The specific functions available will depend on your vehicle's original steering wheel buttons and the capabilities of your aftermarket head unit.

- **Volume Up/Down:** Adjusts the audio volume.
- **Track Up/Down:** Changes to the next or previous track/station.
- **Mode/Source:** Switches between audio sources (e.g., Radio, USB, Bluetooth).
- **Mute:** Mutes the audio output.

Refer to your aftermarket head unit's manual for instructions on how to program or assign steering wheel control functions, if necessary.

6. MAINTENANCE

The Connects2 CTSFO003.2 interface is a sealed electronic unit and requires no routine maintenance. To ensure optimal performance and longevity:

- Ensure the module is securely mounted and not exposed to excessive vibration.
- Keep the module and its connections free from moisture and extreme temperatures.
- Do not attempt to open or modify the interface module, as this will void any warranty.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Steering wheel controls do not work.	Incorrect wiring connections. Aftermarket head unit not configured or incompatible.	Verify all wiring connections are secure and correct according to the installation guide. Check your aftermarket head unit's manual for steering wheel control setup or programming instructions. Ensure the patch lead is correctly connected to the head unit's SWC input.
Some buttons work, others do not.	Limited compatibility with specific head unit models or vehicle functions.	Not all steering wheel buttons may be supported by every aftermarket head unit. Consult your head unit's manual. Ensure the head unit's firmware is up to date.

Problem	Possible Cause	Solution
Delayed response from controls.	Compatibility issue between interface and head unit, or head unit processing speed.	This can sometimes occur. Ensure all connections are tight. Check for any available firmware updates for your aftermarket head unit.
No power to the head unit after installation.	Incorrect power connection, especially for vehicles without 12V ignition on harness. Blown fuse.	Verify the 12V ignition and constant power connections. Check vehicle fuses related to the radio and accessory power. Ensure the interface is receiving proper power.

8. SPECIFICATIONS

- **Manufacturer:** Connects2
- **Model:** CTSFO003.2
- **Item Weight:** 140 g
- **Product Dimensions (L x W x H):** 30 x 25 x 5 cm
- **Material:** Plastic
- **Connector Type:** Fakra 40 pins

9. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the documentation provided at the time of purchase or contact your retailer directly. Keep your proof of purchase for any warranty claims. For technical support or further assistance with installation and troubleshooting, please contact the manufacturer, Connects2, or your authorized dealer. Contact details can typically be found on the manufacturer's official website.