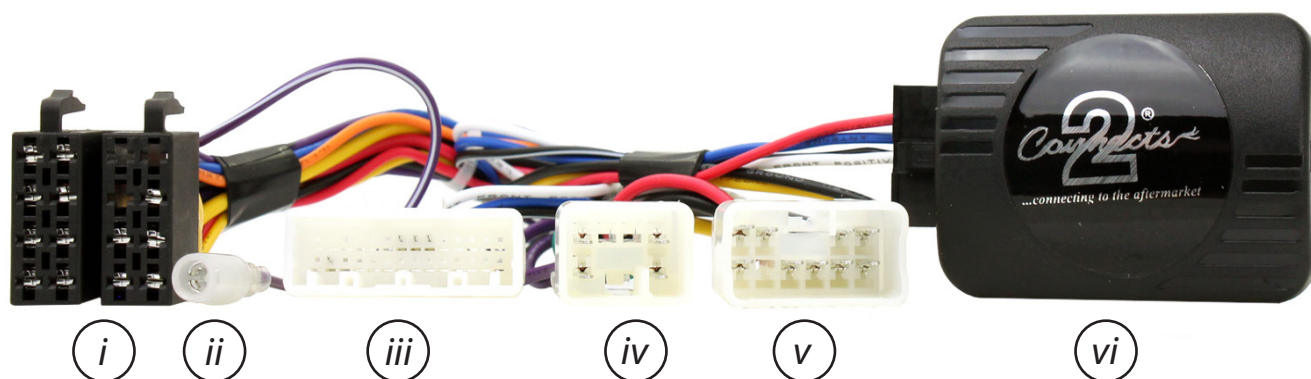




CTSTY002.2

# Steering Wheel Control Interface for Toyota vehicles



i. ISO Connector (16-pin)

ii. Flying Wire (Reverse Gear)

iii. Vehicle Specific Connector (28-pin)

iv. Vehicle Specific Connector (8-pin)

v. Vehicle Specific Connector (12-pin)

vi. Interface Box

Designed and  
Engineered  
in the UK. 

## APPLICATION

Note: Application data is subject to change at any time

|                        |             |                        |             |
|------------------------|-------------|------------------------|-------------|
| Toyota 4Runner         | 2002 - 2014 | Toyota Auris (E15J)    | 2007 - 2015 |
| Toyota Avensis (T270)  | 2011 - 2015 | Toyota Corolla (E140)  | 2009 - 2016 |
| Toyota Fortuner (AN50) | 2011 - 2015 | Toyota Hilux           | 2012 - 2019 |
| Toyota Innova (AN40)   | 2011 - 2015 | Toyota Prius (XW20/30) | 2004 - 2017 |
| Toyota Prius+          | 2012 - 2014 | Toyota RAV4 (XA30/40)  | 2006 - 2018 |
| Toyota Rush            | 2006 - 2017 | Toyota Yaris (XP150)   | 2011 - 2019 |

## FEATURES

- Retains steering wheel control functionality
- Retains phone button functionality (if vehicle is equipped)
- Provides output for reverse gear

### DISCLAIMER

The information provided in this document is subject to change without notice due to manufacturer changes and/or improvements to the product/s. This instruction manual is based on documented data and research. The manufacturer of this product cannot be held responsible for any changes made to the vehicle by the manufacturer or damages that may occur through the installation of this product in accordance with the steps outlined herein.

# PRODUCT INFORMATION

The CTSTY002.2 is an analogue steering wheel control interface for select Toyota vehicles. This interface helps to retain the steering wheel controls and phone button functionality when upgrading to an aftermarket stereo.

## WIRING KEY

### IN WIRING HARNESS

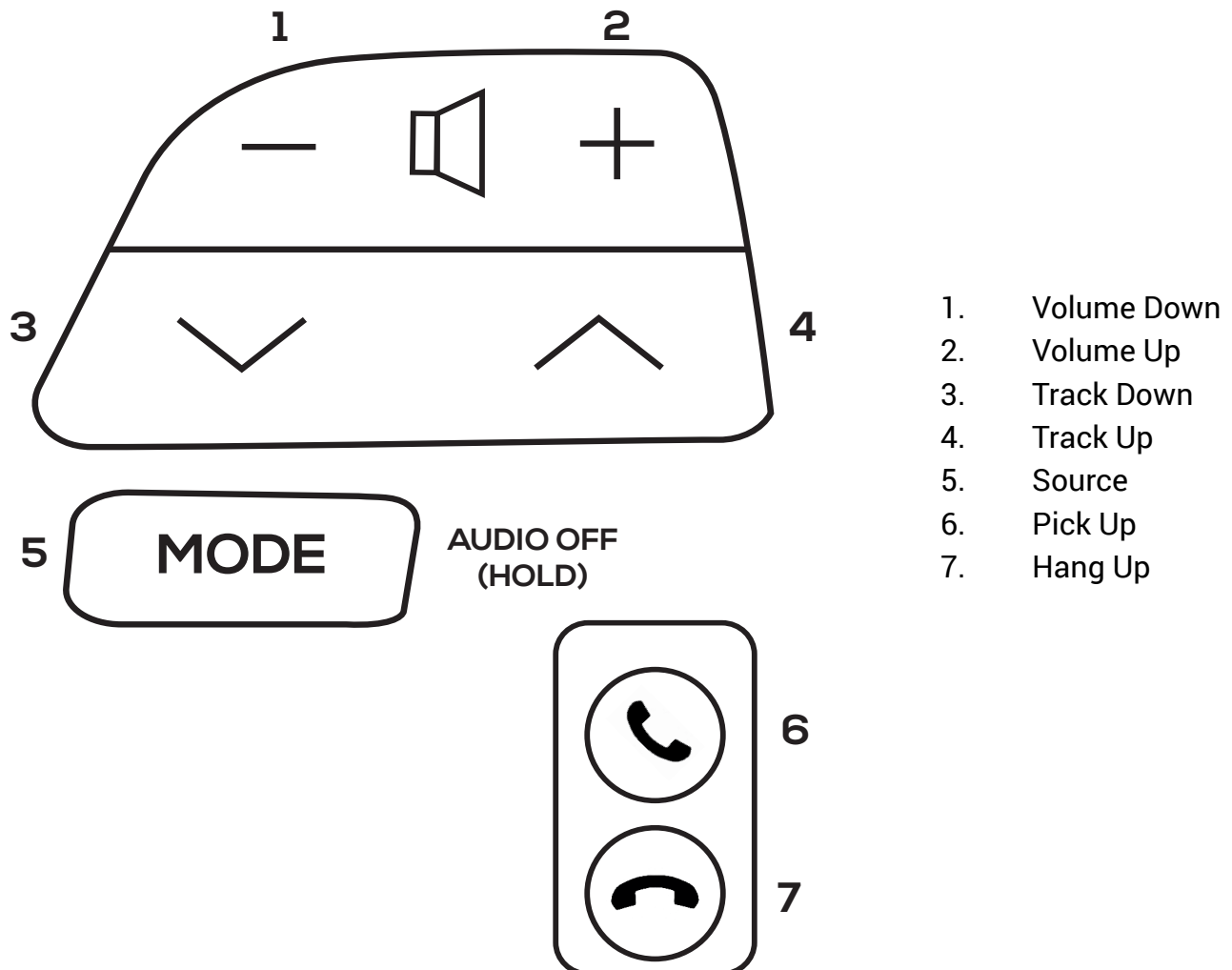
|              |                       |        |               |
|--------------|-----------------------|--------|---------------|
| Purple       | Right Rear Speaker +  | Yellow | Permanent 12V |
| Purple/Black | Right Rear Speaker -  | Black  | Ground        |
| Green        | Left Rear Speaker +   | Red    | Ignition 12V  |
| Green/Black  | Left Rear Speaker -   | Orange | Illumination  |
| Grey         | Right Front Speaker + |        |               |
| Grey/Black   | Right Front Speaker - |        |               |
| White        | Left Front Speaker +  |        |               |
| White/Black  | Left Front Speaker -  |        |               |

### ADDITIONAL CONNECTIONS

Purple/White      Reverse Gear

## STEERING WHEEL CONTROL FUNCTIONALITY

The following diagram, though based on careful research, is an example only. Individual steering wheel control configurations may differ.



# PRIOR TO INSTALLATION

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Please ensure that the correct tools are used during the installation to avoid damage to the vehicle or product. **Connects2 can not be held responsible for the installation of this product.**

## INSTALLATION GUIDE

See wiring diagram on Pg.4 for more information

Before installing the interface, the factory stereo must be removed and disconnected. To do this, please consult the vehicle owner's manual/handbook or contact a fitting professional.

A stereo connection (patch) lead is also required for the installation of this interface (supplied separately). Please ensure that you have the correct lead before proceeding. For universal patch leads, prepare the wiring loops in accordance with the instruction manual supplied with the product before installation.

1. Connect the 12 Pin connector from the stereo connection (patch) lead to the interface box.
2. Connect the opposite end of the stereo connection (patch) lead to the steering wheel control input on the back of the aftermarket stereo.

*NOTE: This may be a 3.5mm jack connector or a wired input depending on the brand of aftermarket stereo being fitted. Please consult the aftermarket stereo installation manual for further information on where to make the connection*

**IMPORTANT: THIS STEP MUST BE COMPLETED BEFORE CONNECTING POWER TO THE INTERFACE.  
FAILURE TO DO SO MAY RESULT IN A LACK OF FUNCTIONALITY AND THE NEED TO REINSTALL THE PRODUCT**

3. Connect the 14 Pin connector from the supplied wiring loom to the interface box.
  4. Connect the male power/speaker ISO connector to the female power/speaker ISO connector from the aftermarket stereo.
- NOTE: For aftermarket stereos which do not have an ISO connector, please see "Wiring Key" on Pg.2 for information on which wires to connect. Some interfaces may also have additional 'flying' wires which can be connected to the vehicle to support various features ie. parking brake trigger, reverse gear and speed pulse. Details of these can be found under 'Additional Connections'.*
5. Connect the vehicle specific connectors on the supplied harness to the corresponding male vehicle specific connectors from the vehicle.
  6. Test stereo and steering wheel control functionality for correct operation before reassembling the vehicle dashboard. If steering wheel control functions are unresponsive, please uninstall the interface and wiring and reinstall carefully in accordance with the above steps.

*For further help, please contact and fill out a support ticket with the full details of your issue at:  
**[support.connects2.com/tickets/technical](https://support.connects2.com/tickets/technical)***

# WIRING DIAGRAM

## Vehicle Specific Connectors [28/12 & 8-pin]

Connect to relevant connectors from vehicle

