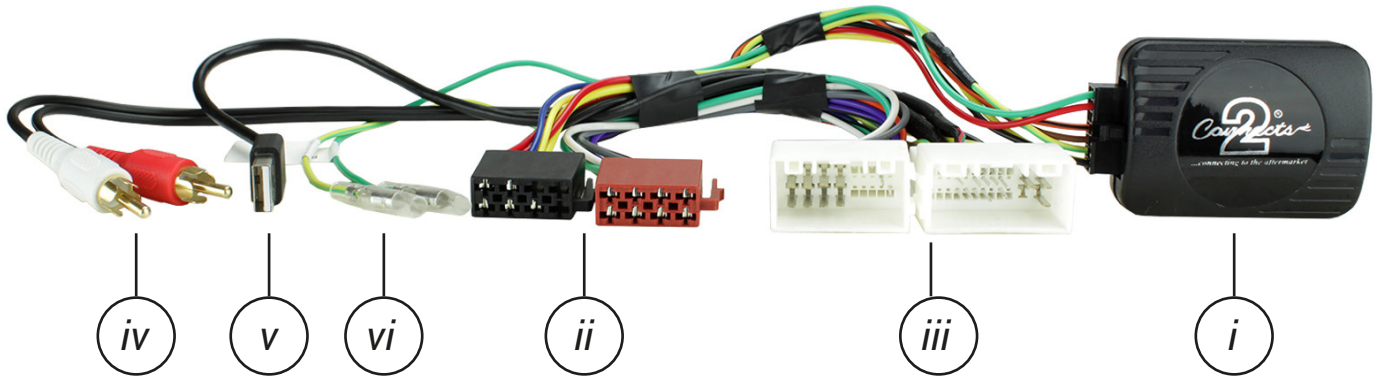




# CTSHY019.2

## Steering Wheel Control Interface for Hyundai Vehicles



- i. Interface Box
- ii. ISO Connector (16 Pin)
- iii. Vehicle Specific Connectors
- iv. 3.5mm Jack (AUX Retention)
- v. USB Connector (USB Retention)
- vi. Flying Wires (Speed Pulse, Park Brake)

Designed and  
Engineered  
in the UK. 

## APPLICATION

*Note: Application data is subject to change at any time*

Hyundai i40 (VF)	2011 - 2016	Hyundai Sonata (YF, 6th Gen)	2009 - 2016
Hyundai ix35 (LM)	2010 - 2016	Hyundai i45	2009 - 2016
Hyundai Santa Fe (DM)	2013 - 2013	Hyundai Azera	2011 - 2016
Hyundai i800	2007 - 2016	Hyundai Elantra	2011 - 2016
Hyundai ix45	2013 - 2016	Hyundai Tucson	2010 - 2016
Hyundai i10 (2nd Gen)	2014 - 2016	Hyundai H1 (2nd Gen)	2010 - 2016

For non-amplified vehicles only

## FEATURES

- Retains Steering Wheel Control Functionality
- Retains Phone Buttons
- Retains USB Input
- Retains AUX Input
- Provides Wiring Outputs for Speed Pulse and Park Brake
- Supports Voice Assistant (with software update and SWCREFLASHER tool)
- Updatable via USB (contact supplier for more information)

### 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.

# 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 using during the installation to avoid damage to the vehicle or product. Connects2 can not be held responsible for the installation of this product.

## WIRING KEY

### IN WIRING HARNESS

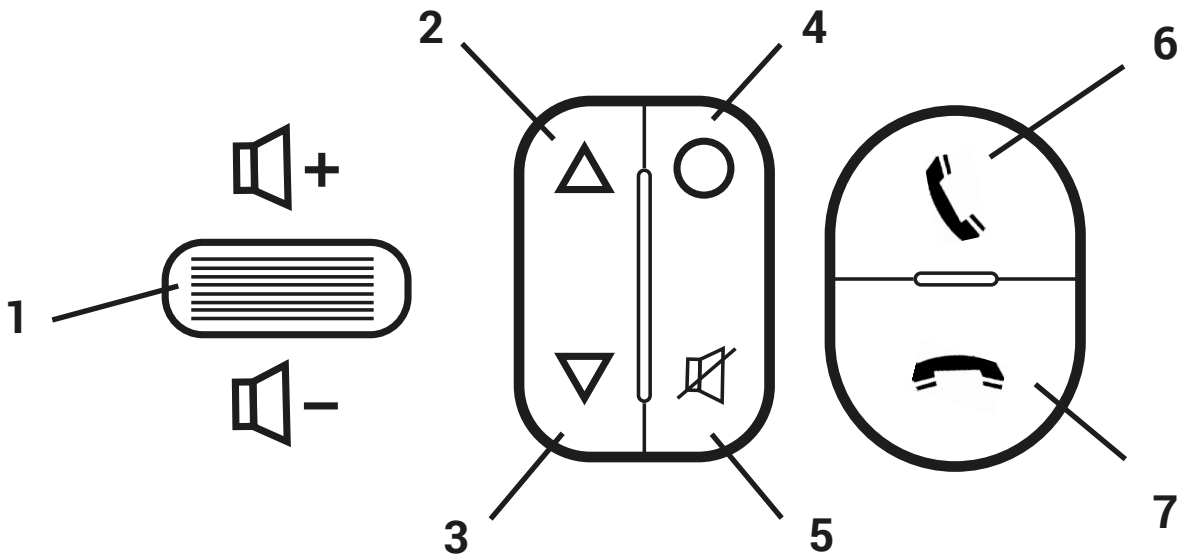
Purple	Right Rear Speaker +	Yellow	Permanent 12V
Purple/Black	Right Rear Speaker -	Black	Ground
Green	Left Rear Speaker +	Red	Ignition 12V
Green/Black	Left Rear Speaker -	Orange	Illumination
Grey	Right Front Speaker +		
Grey/Black	Right Front Speaker -		
White	Left Front Speaker +		
White/Black	Left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

### ADDITIONAL CONNECTIONS

Green/Yellow	Speed Pulse
Light Green	Park Brake
USB Connector	Connect to Aftermarket Head Unit
RCA (Red/White)	Connect to Aftermarket Head Unit

## STEERING WHEEL CONTROL FUNCTIONALITY

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



1. Volume +/- (Scroll)
2. Track +
3. Track -
4. Source

5. Mute
6. Pick Up
7. Hang Up

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 power/speaker ISO connector to the 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 vehicle specific connectors from the vehicle. Please refer to wiring diagram on Pg.4, or cover photo on Pg.1 for more information on the connector style of this interface.
6. Connect the USB connector to the back of the aftermarket stereo to retain the vehicle's USB input (if vehicle is equipped).
7. Connect the red/white RCA connectors to the back of the aftermarket head unit to retain the vehicle's AUX input (if equipped).
8. 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 and support, please contact us directly at [support.connects2.com/tickets/technical](https://support.connects2.com/tickets/technical) and fill out a support ticket with the full details of your issue.

# WIRING DIAGRAM

## Vehicle-Specific Connectors (x2)

Connect to vehicle speakers connectors from vehicle



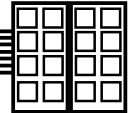
## Flying Wires

Green - Park Brake  
Green/Yellow - Speed Pulse



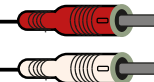
## Male ISO Connector

Connect to aftermarket stereo



## Red/White RCA Connectors

Connect to Aftermarket stereo



## USB Connector

Connect to Aftermarket stereo

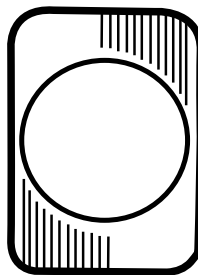


## Main Wiring Loom Connector [14 Pin]

Connect to Interface Box



## Interface Box



## Stereo Connection (Patch) Lead Connector [12 Pin]

Connect to Interface Box



Note: Must be connected first, before power connection is made to the interface