CONNECTS2 ®

CTHVX01
Vauxhall/Opel Steering Wheel Control Interface
With Built-In Speaker

plug & play | CAN-Bus | Updateable
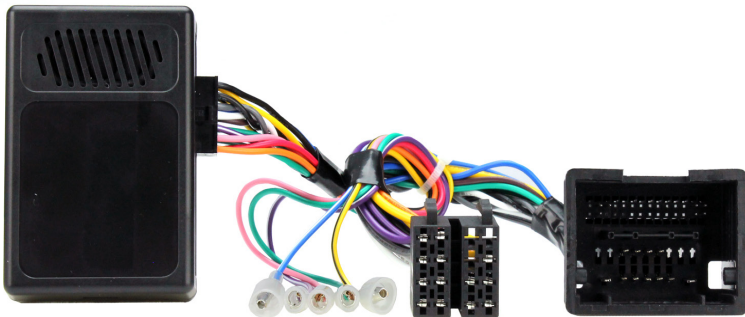
Vehicle Application

Vauxhall Astra (J) 2010 - 2015
Vauxhall Meriva (B) 2010>
Vauxhall/Opel Mokka 2012>
Vauxhall/Opel Zafira Tourer 2012>

Key Features

• Retains Steering Wheel Controls (if equipped)
• Retains Vehicle Settings Menu (if equipped)
• Retains OEM Phone Buttons (if equipped)
• Retains Vehicle Chimes (if equipped)

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Designed and Engineered in the UK.

The information provided in this document is subject to change without notice due to changes and/or improvements to the product/s.

ABOUT THIS PRODUCT

CTHVX01

CAN-Bus Steering Wheel Control Interface with built-in speaker for Vauxhall/Opel vehicles.
Retains vehicle settings menu, vehicle chimes and OEM phone buttons (if equipped)

WIRING COLOUR CODES

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 -	Pink	Speed Pulse
Grey	Right Front Speaker +	Purple/White	Reverse Gear
Grey/Black	Right Front Speaker -	Green	Park Brake
White	Left Front Speaker +	Yellow/Black	Telephone Mute
White/Black	Left Front Speaker -	Blue/White	Antenna Remote

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.***

❗ **For Installation into Vauxhall Meriva Vehicles**
If steering wheel control functions are unresponsive after installation, press the 'Track Down' repeatedly 8 times until an audible beep is heard. This confirms the interface has switched to the Meriva protocol. To reverse this back to non Meriva protocol, repeat the process above.

TECHNICAL SUPPORT

Connects2 Ltd. want to provide a fast and suitable resolution to any problems encountered during installation of this product. To get in touch with our dedicated technical support team, please fill in a ticket at **support.connects2.com** and provide as much information as possible.

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SETTING THE DIPSWITCHES

Before installation, make sure that the dipswitches on the interface are set according to the below information:

Set Dipswitch 1 to 'On' if installing a Pioneer aftermarket stereo, and 'Off' if installing a Sony aftermarket stereo. If installing any other brand of stereo, Dipswitch 1 can be set to any position

Set Dipswitch 2 to 'On' if installing the product into a vehicle with 2 Line Display, and 'Off' if installing into a vehicle with 4 Line Display

Dipswitches 3 & 4 have no functionality with this product and can be left in their default positions

FITTING GUIDE

1. Remove and disconnect the original head unit.

2. Connect the 12 way molex connector of the head unit patch lead (supplied separately) to the interface.

3. Connect the opposite end of head unit patch lead to the head unit steering wheel control input on the back of the aftermarket head unit.

NB: This may be a 3.5mm jack plug or a wire input depending upon the head unit brand being fitted. Please see the head unit installation manual for further information on where to connect.

Important: This step must be completed before connecting power to the interface. Failure to so do may result in no steering wheel control function.
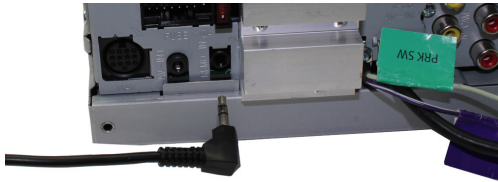
4. Connect the 14 way molex connector to the interface

5. Connect the male power/speaker ISO harness to the female power/speaker ISO harness from the aftermarket head unit. For aftermarket head units without an ISO connector, please refer to "Wiring Colour Codes" on Pg. 2.
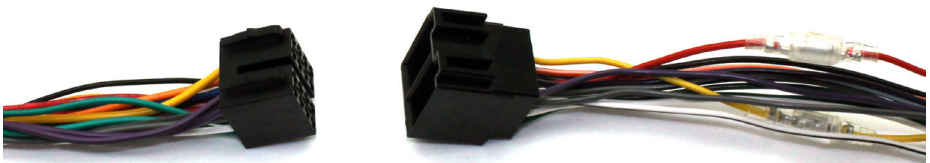
6. Connect the female vehicle specific connectors on the harness to the male vehicle connector from the vehicle. Test head unit for correct operation.

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STEERING WHEEL CONTROL FUNCTIONALITY

Original Button	Function
Volume +	Volume +
Volume -	Volume -
Up Arrow	Track +
Down Arrow	Track -
SRC	Source (Short Press)
SRC	Enter Settings Menu (Long Press)
Pick Up/Speech	Pick Up
Mute/Hang Up	Hang Up

Navigating the Settings Menu

1. Long press "SRC" to enter Settings Menu.

2. Use "Up Arrow" and "Down Arrow" to scroll through the menu options.

3. Short Press "SRC" to enter a sub-menu.

4. Short Press "SRC" to select the desired option.

5. Press "Mute/Hang Up" to go back.

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