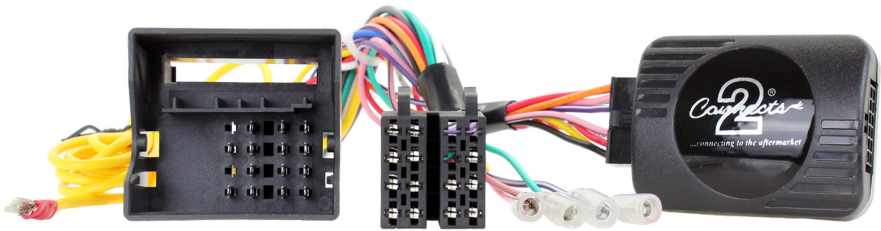




...connecting to the aftermarket

## CTSBM005.2

### BMW Steering Wheel Control Interface



#### Vehicle Application

- BMW 1 Series (E81, E82, E87) 2004 - 2013
- BMW 3 Series (E90, E91, E92) 2006 - 2013
- BMW 5 Series (E60, E61) 2004 - 2010
- BMW 6 Series (E36, E64) 2003 - 2010
- BMW 7 Series (E6\* Variants) 2001 - 2008
- BMW Mini 2006 - 2013
- BMW Z4 (E89) 2009 - 2016
- BMW X1 (E84) 2009>

#### Key Features

- Retains Steering Wheel Controls (if equipped)
- Retains OEM Phone Buttons (if equipped)
- Provides Speed Pulse, Park Brake, Reverse Gear, 12V Permanent, Telephone Mute

[www.connects2.com](http://www.connects2.com)

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

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### CTSBM005.2

CAN-Bus Steering Wheel Control Interface for BMW vehicles with BMW Business Professional stereos and Quadlock connectors.

### WIRING COLOUR CODES

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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 +	Green	Park Brake
Grey/Black	Right Front Speaker -	Purple/White	Reverse Gear
White	Left Front Speaker +	Pink/Black	Telephone Mute
White/Black	Left Front Speaker -		*Connect to Battery

### PRIOR TO INSTALLATION

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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.**

### TECHNICAL SUPPORT

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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](http://support.connects2.com) and provide as much information as possible.

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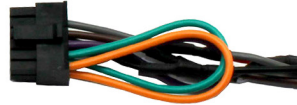


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## FITTING GUIDE

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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.



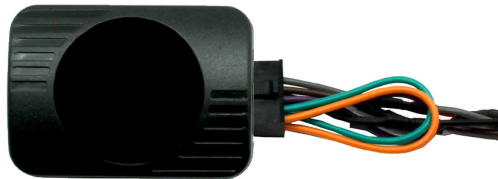
3. Connect the opposite end of head unit patch lead to the head unit steering wheel control input on the back of the aftermarket head unit.

*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.



## **FITTING GUIDE**

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6. Connect the black female vehicle specific connectors on the harness to the male vehicle connector from the vehicle. Test head unit for correct operation.

## **STEERING WHEEL CONTROL FUNCTIONALITY**

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<b>Original Button</b>	<b>Function</b>
Plus Icon	Volume +
Minus Icon	Volume -
Up Arrow	Track +
Down Arrow	Track -
Source	Source
Speech	Mute
Phone Icon	Pick Up (Short Press)
Phone Icon	Hang Up (Long Press)