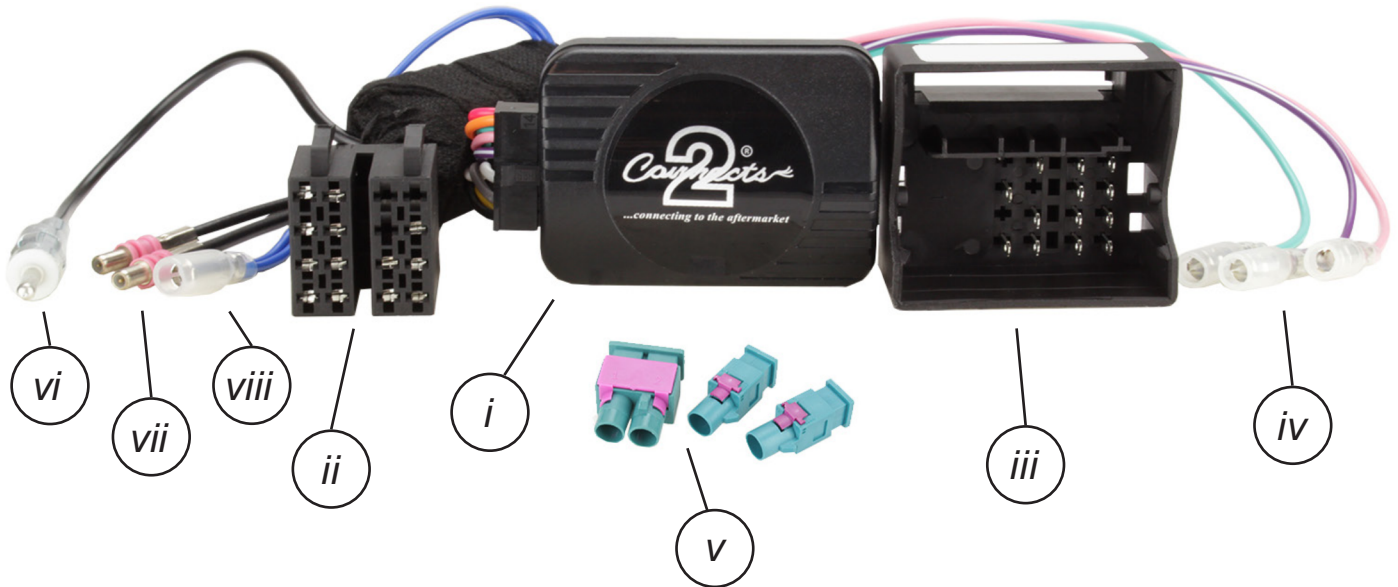


# CHW17C

## Steering Wheel Control Interface for select Volkswagen vehicles



- i. Interface Box
- ii. ISO Connector
- iii. Quadlock Connector
- iv. Flying Wires (Speed Pulse, Park Brake, Reverse Gear)

- Antenna Adapter
- v. Fakra Connector Housings (Single/Twin Options)
- vi. DIN Connector
- vii. Fakra Connectors
- viii. Antenna Power

## APPLICATION

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

Passat (B6/C7, B7/3C36)	2005 - 2015	Amarok (2H)	2010 - Up
Golf (Mk5, Mk6)	2003 - 2013	Suran	2009 - Up
Touran	2003 - 2015	Vento (Mexico)	2005 - 2011
Transporter	2003 - 2015	Sagitar (China)	2005 - 2011
Polo (9N, 9N3, 6R)	2005 - 2014	Magotan (Asia)	2005 - 2011
Jetta	2005 - 2015	Fusca (Brazil)	2005 - 2011
EOS (1F)	2006 - 2015	Touareg	2010 - Up
Tiguan (5N)	2007 - 2015	UP! (VW120)	2011 - 2016
Scirocco	2008 - 2015		

For Vehicles with RCD200, RCD300, RCD310, RCD500, RCD510 OEM Stereo

## FEATURES

- Retains Steering Wheel Control Functionality
- Retains Phone Buttons
- Retains Vehicle Antenna via Integrated Adapter
- Provides Wiring Outputs for Speed Pulse, Park Brake & Reverse Gear
- Supports Voice Assistant (With software update and reflasher tool - Part Number: SWCReflasher)

### 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 used 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

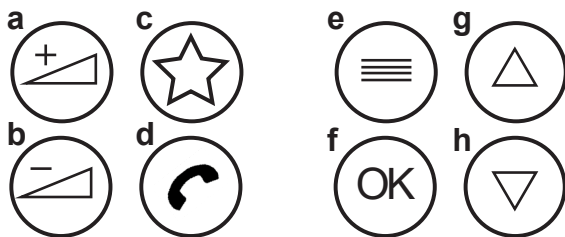
Pink	Speed Pulse
Light Green	Park Brake
Purple/White	Reverse Gear

### Antenna Adapter

DIN Connector	Connect to Aftermarket Stereo
Blue	Antenna Power
Fakra Connector	Connect to OEM Vehicle Connector (choose housing style - twin or single)

## STEERING WHEEL CONTROL FUNCTIONALITY

The following diagrams, though based on careful research, are examples only. Individual steering wheel control configurations may differ.

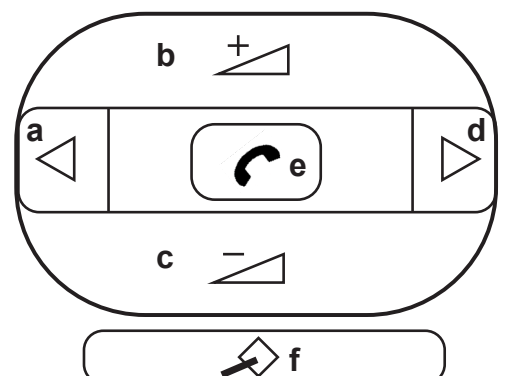


### CONFIG 1

- a Volume Up
- b Volume Down
- c Mute
- d Pick Up (Short Press) Hang Up (Long)
- e Vehicle Menu
- f Source
- g Track Up
- h Track Down

### CONFIG 2

- a Track Down
- b Volume Up
- c Volume Down
- d Track Up
- e Pick Up (Short Press) Hang Up (Long Press)
- f Mute



*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 ISOconnector to the power/speaker ISOconnector from the aftermarket stereo.
- NOTE: For aftermarket stereos which do not have an ISOconnector, 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 quadlock connector on the supplied harness to the quadlock connector from the vehicle.
  6. To retain the vehicle antenna, attach the appropriate fakra housing (2x single or 1x twin) to the fakra bullet connectors, and then connect to the OEM vehicle antenna connector.
  7. Connect the male DIN connector to the aftermarket stereo and ensure that the blue flying wire is connected to antenna power
  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.

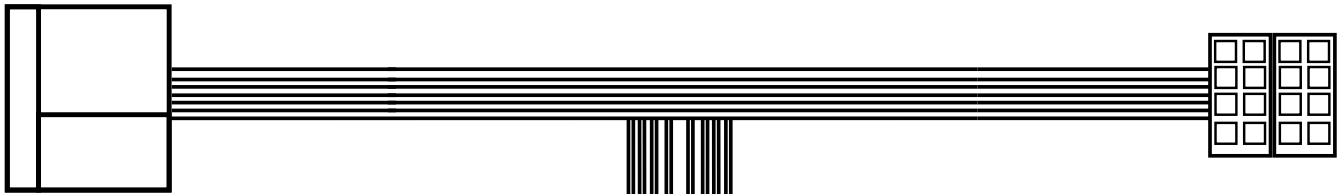
## Technical Support

If you need assistance setting up or using your Aerpro product now or in the future, call Aerpro Support Australia  
TEL: 03 – 8587 8898 FAX: 03 – 8587 8866 Mon-Fri 9am – 5pm AEST. If you would like to download a digital copy of this manual, or other Aerpro manuals/software, please visit the <http://aerpro.com> website.

# WIRING DIAGRAM

**Quadlock Connector**  
 Connect to corresponding connector from vehicle
 

**ISO Connector**  
 Connect to aftermarket stereo



**Flying Wires**

- Green Connect to Park Brake
- Pink Connect to Speed Pulse
- Purple/White Connect to Reverse Gear
- Blue Connect to Antenna Power

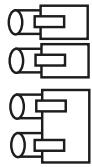


**DIN (Male) Connector**  
 Connect to aftermarket stereo



**Fakra Connectors**

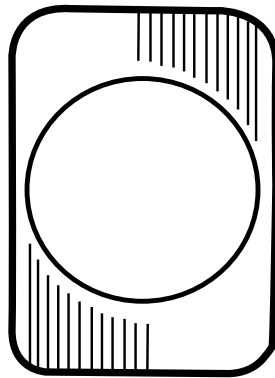
Attach either twin or single housing/s and connect to OEM vehicle connector/s



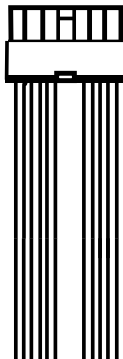
**Main Wiring Loom Connector [14 Pin]**  
 Connect to Interface Box



**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*