Manuals+ — User Manuals Simplified.

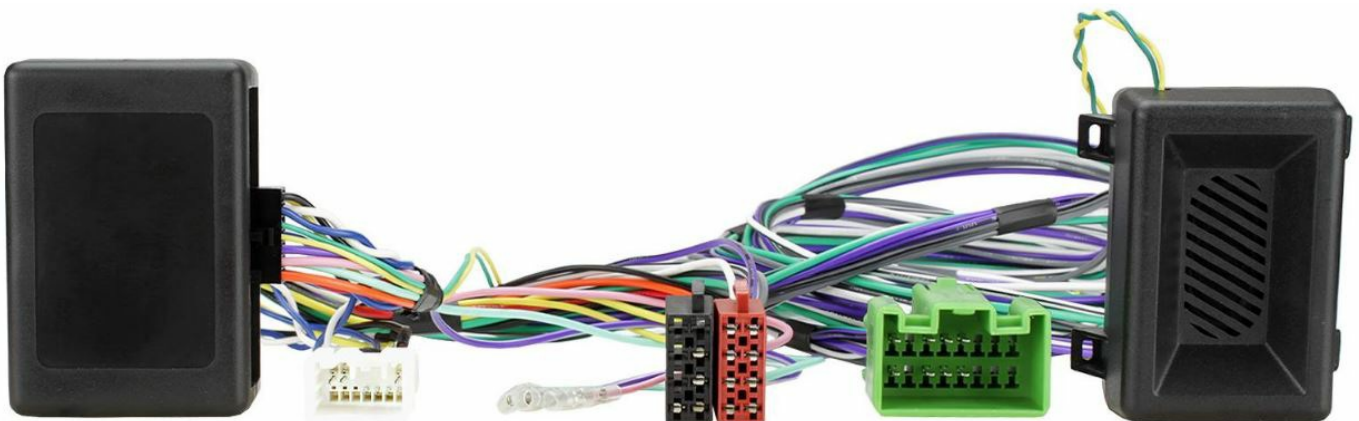# CONNECTS2 CHVL5C Steering Wheel Control Interface Instruction Manual

Contents

CONNECTS2 CHVL5C Steering Wheel Control Interface

Product Information

- **Product Name**: CHVL5C Steering Wheel Control Interface
- **Interface Components:**
    1. Interface Box
    2. Vehicle Specific Power Connector
    3. Additional Wiring Outputs
    4. ISO Power/Speaker Connector
    5. Volvo Amplifier Connector
    6. Speaker Module
- **Application:**
    - **Compatible Vehicles:**
        - Volvo C30 (P14 Hatchback) – 2007 to 2013
        - Volvo C70 II (P15 Convertible) – 2006 to 2013
        - Volvo S40 II (P11 Saloon) – 2004 to 2012
        - Volvo V50 (P12 Estate) – 2004 to 2012
    - **Note**: Application data is subject to change at any time
- **Features:**
    - Bypasses the vehicle's original amplifier
    - Steering wheel control functionality
- **Disclaimer**: The information provided in this document is subject to change without notice. The manufacturer is not responsible for any changes made to the vehicle or damages that may occur through the installation of this product.

Product Usage Instructions

Before Installation:

- Read the manual before installation
- Technical knowledge is necessary for the installation
- Ensure the installation location is free of moisture and away from heat sources
- Use the correct tools to avoid damage to the vehicle or product
- Aerpro cannot be held responsible for the installation of this product

Wiring Key (In ISO Connector):

- Purple – Right Rear Speaker +
- Purple/Black – Right Rear Speaker –
- Green – Left Rear Speaker +
- Green/Black – Left Rear Speaker –
- Grey – Right Front Speaker +
- Grey/Black – Right Front Speaker –
- White – Left Front Speaker +
- White/Black – Left Front Speaker –

Additional Connections:

- Pink – Speed Pulse
- Green-Park Brake
- Purple/White – Reverse Gear
- Yellow – Permanent 12V
- Black – Ground
- Red – Ignition 12V
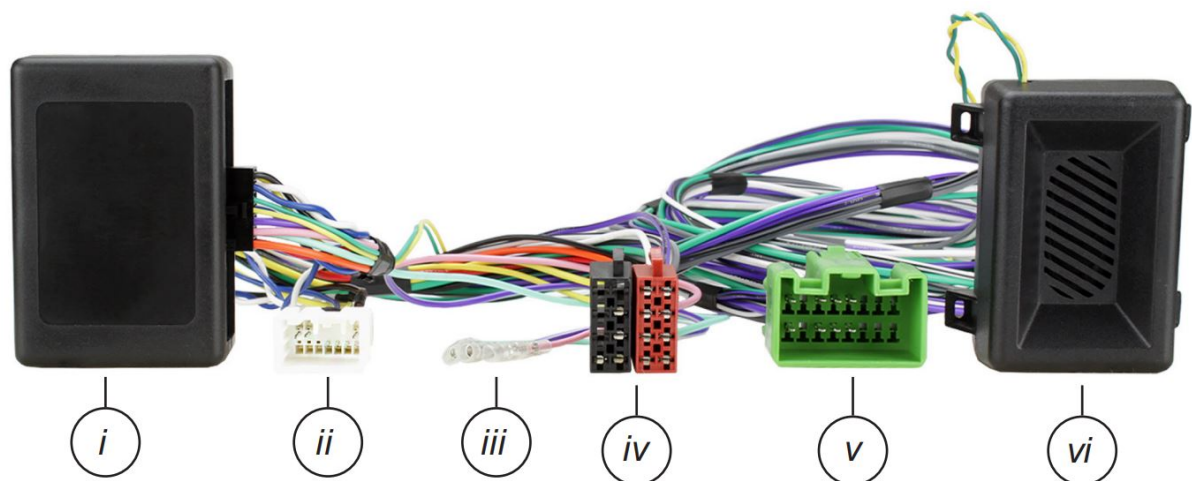- Orange – Illumination

Steering Wheel Control Functionality:
The following diagram shows an example configuration for steering wheel controls. Individual configurations may differ. (Diagram not provided in the text)

Installation Guide:
Before installing the interface, remove and disconnect the factory stereo. Consult the vehicle owner's manual or contact a fitting professional for guidance. A stereo connection lead is required for the installation (supplied separately). Ensure you have the correct lead before proceeding.

1. Connect the 12 Pin connector from the stereo connection lead to the interface box
2. Connect the opposite end of the stereo connection lead to the steering wheel control input on the back of the aftermarket stereo
3. **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

Steering Wheel Control Interface for select Volvo vehicles

- Interface Box
- Vehicle Specific Power Connector
- Additional Wiring Outputs
- ISO Power/Speaker Connector
- Volvo Amplifier Connector
- Speaker Module

APPLICATION

- Volvo C30 (P14 Hatchback) 2007 – 2013
- Volvo C70 II (P15 Convertible) 2006 – 2013
- Volvo S40 II (P11 Saloon) 2004 – 2012
- Volvo V50 (P12 Estate) 2004 – 2012

FEATURES

- Retains factory steering wheel control functionality
- Retains factory phone button functionality
- Bypasses amplified system
- Retains original climate button functionality
- Retains warning chimes/parking sensor audio
- Provides outputs for the parking brake, reverse gear, and speed pulse
- Software updatable (contact supplier for more information)

BEFORE INSTALLATION

Read the manual before 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. Aerpro can not be held responsible for the installation of this product.
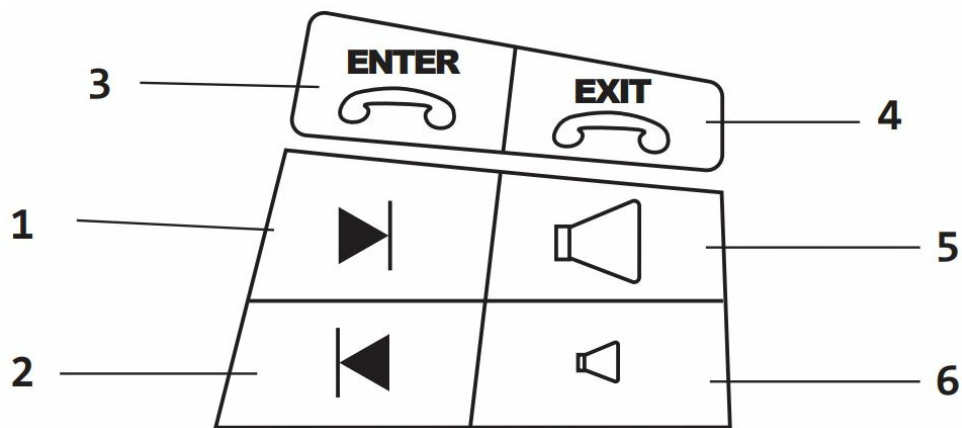
WIRING KEY

IN ISO CONNECTOR

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

ADDITIONAL CONNECTIONS

- Pink Speed Pulse
- Green Park Brake

- Purple/White Reverse Gear

STEERING WHEEL CONTROL FUNCTIONALITY

1. Track Up
2. Track Down
    - Source (Hold Both)
3. Pick Up
4. Hang Up
5. Volume Up
6. Volume Down
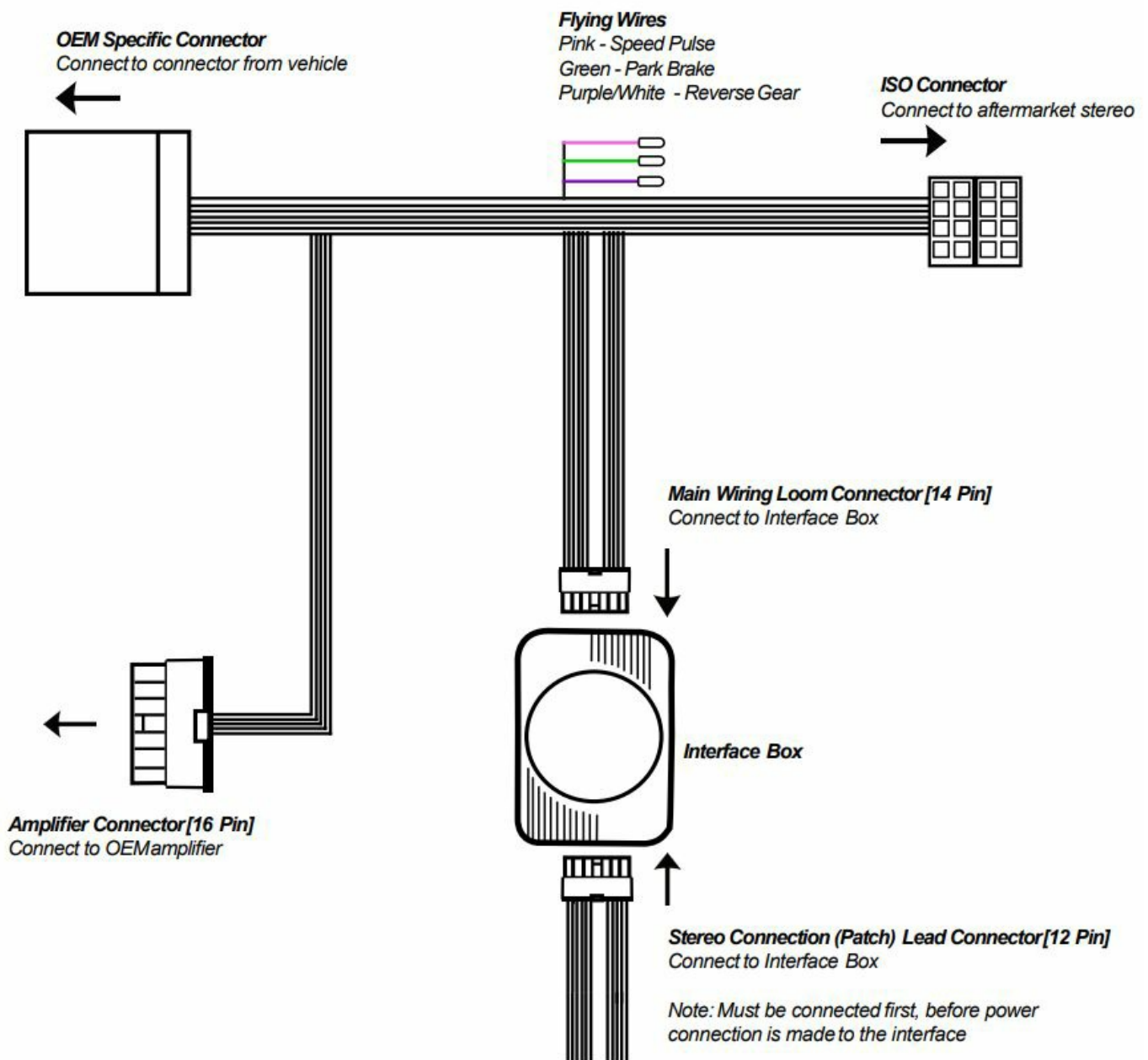   - Mute (Hold Both)

INSTALLATION GUIDE

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 by 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 + 2-pin speaker wire to the interface box
4. Connect the power/speaker ISO connector to the power/speaker ISO connector at the rear of the aftermarket stereo
    - **NOTE**: For aftermarket stereos that 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 additional flying wires to the aftermarket head unit's wiring harness as required

6. Connect the Amplifier connector to the vehicle OEM amplifier (for these models, the amplifier is located within the trunk)

7. Connect the vehicle specific power connector on the supplied harness to the OEM connector from the vehicle

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 by the above steps

WIRING DIAGRAM

OEM Specific Connector
Connect to connector from vehicle

Flying Wires
Pink - Speed Pulse
Green - Park Brake
Purple/White - Reverse Gear

ISO Connector
Connect to aftermarket stereo

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

Interface Box

Amplifier Connector [16 Pin]
Connect to OEM amplifier

Stereo Connection (Patch) Lead Connector [12 Pin]
Connect to Interface Box

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

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 9 am – 5 pm 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.

Documents / Resources

	CONNECTS2 CHVL5C Steering Wheel Control Interface [pdf] Instruction Manual CHVL5C Steering Wheel Control Interface, CHVL5C, Steering Wheel Control Interface, Wheel Control Interface, Control Interface, Interface

References

- **Home | Aerpro**