# Aerpro
## First Choice

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# CHMC7C

## Mercedes Benz Steering Wheel Control Interface

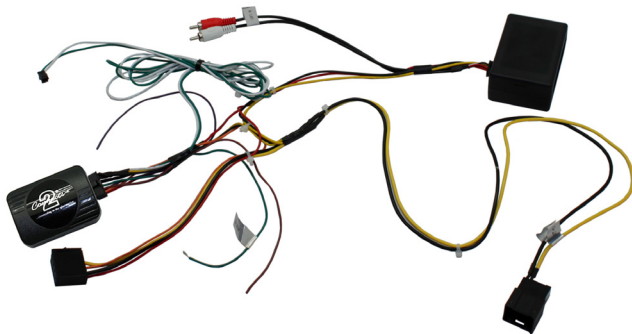| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PLUG 'N' PLAY | USB | CAN-Bus | (P) | R | | | |
| Plug and Play | USB Updateable | Works with CAN-Bus | Park Brake | Reverse Gear | Ignition | Phone Button Support | Speed Pulse |

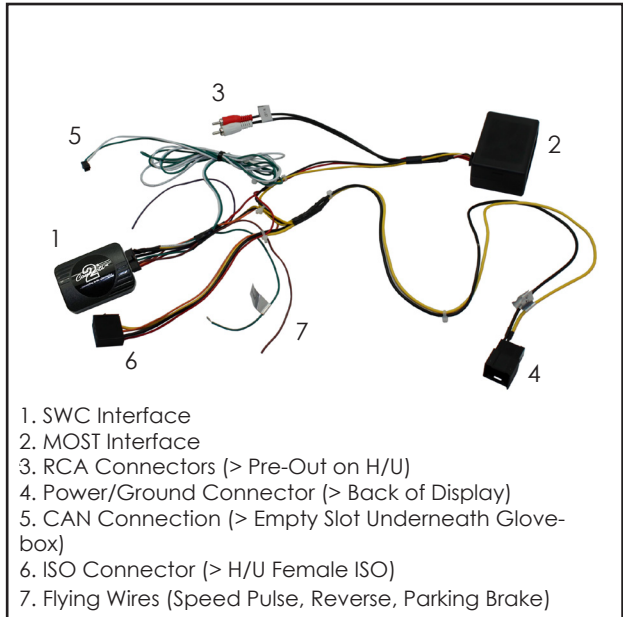# INSTRUCTION MANUAL

# *www.aerpro.com*

Designed and
Engineered
in the UK.

## CHMC7C

Mercedes Benz steering wheel control interface for Mercedes Benz vehicles with CAN-Bus.

## Product Contents

- Interface
- Harness
- Instruction



1. SWC Interface
2. MOST Interface
3. RCA Connectors (> Pre-Out on H/U)
4. Power/Ground Connector (> Back of Display)
5. CAN Connection (> Empty Slot Underneath Glovebox)
6. ISO Connector (> H/U Female ISO)
7. Flying Wires (Speed Pulse, Reverse, Parking Brake)

### 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 you use the correct tools to avoid damage to the vehicle or product.

**Aerpro can not be held responsible for the installation of this product.**
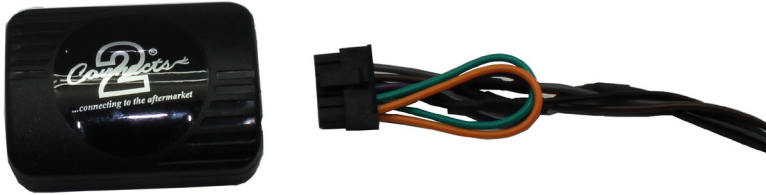
### Technical Support

Aerpro want to provide a fast and suitable resolution should you encounter any technical issues. With this in mind, when contacting Aerpro, try to provide as much Information as possible. This will speed up the process and help us to help you.

**Please use our dedicated online technical support centre: intranet.tdj.com.au/**

**support/**

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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. 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 Note: This step must be completed before connecting power to the interface. Failure to so do may result in no steering wheel control function.**
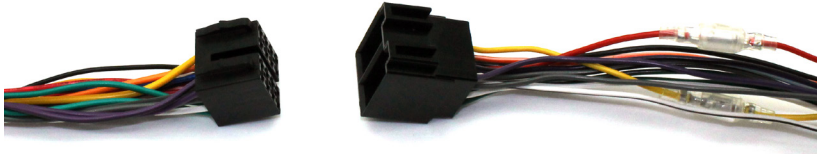


4. Connect the 14 way molex connector to the interface.



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5. Connect the male power/speaker ISO harness to the female power/speaker ISO harness from the aftermarket head unit.



For aftermarket head units which do not have an ISO connector the interface uses the following wiring colours:

| Wire Colour | Function |
| --- | --- |
| Yellow | Permanent 12V |
| Black | Ground |
| Red | 12V Ignition |
| Orange | Illumination |
| Blue | Antenna Remote |
| Pink | Speed Pulse |
| Green | Park Brake |
| Purple/White | Reverse |

| Wire Colour | Function |
| --- | --- |
| 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 - |

6. Connect the Yellow/Black Fibre Amp retention connector to the power connector (previously removed from the back of the head unit)
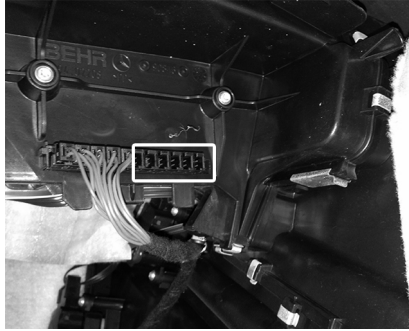
7. Remove the kicker panel beneath the glove-box (pictured) and feed the Blue/White CAN wire behind the dashboard and out under the glovebox



Remove panel to gain access to CAN Hub

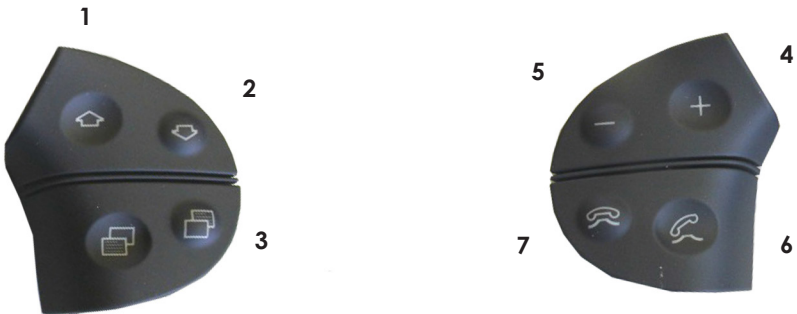8. Plug Blue/White connector into a vacant slot in the CAN Hub (pictured)



9. Connect the 8-Way connector to the MOST Interface

10. Connect the White/Red RCA connectors to the pre-out at the back of the head unit

11. Test head unit for correct operation and reinstall glove box panel and dashboard

## STEERING WHEEL CONTROL FUNCTIONS



1. Track +      3. Source      5. Volume -      7. Hang Up
2. Track -      4. Volume +     6. Pick Up

NOTES

## NOTES

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