

MAN CAN SWC – CHMA1C

MAN TGX, TGA, TGM CANbussteering control interface

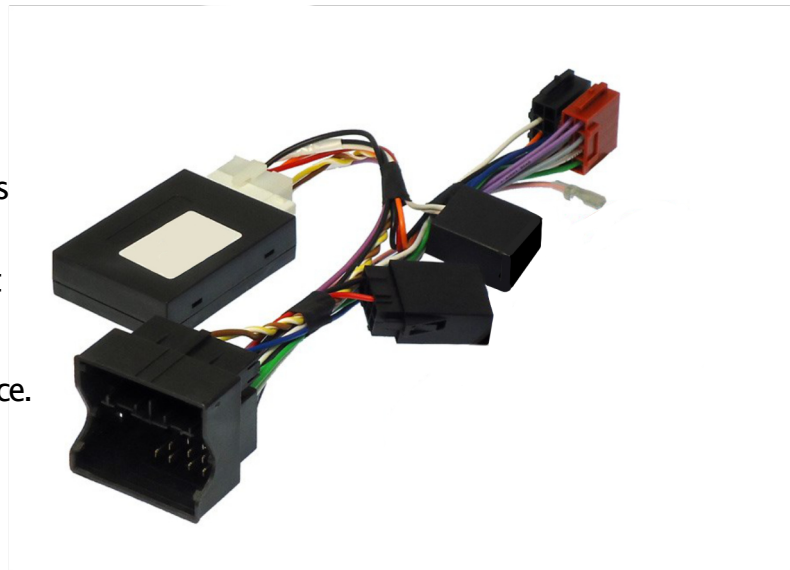


CHMA1C steering wheel control interface

retains the use of the audio steering wheel controls and also provides CAN ignition, reverse gear, illumination, parking brake and speed pulse output signals.

A 24–12V adapter may be required for this interface.

For MAN TGX, TGS, TGA, TGM and TGL vehicles



Set up the patch lead



Pioneer and Sony
Pin 1 black (base)
Pin 2 red (middle)
Pin 3 not connected
Pin 4 white (tip)



Alpine, Clarion and JVC
Pin 1 black (base)
Pin 2 white (tip)
Pin 3 not connected
Pin 4 red (middle)



JVC, Kenwood and Zenec
Pin 1 not connected
Pin 2 blue (single wire)
Pin 3 not connected
Pin 4 not connected

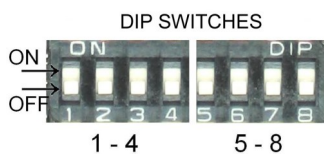


Chinese/Learning
Pin 1 not connected
Pin 2 blue (single wire)
Pin 3 not connected
Pin 4 blue (single wire)

Connect the loose purple wire on the 39–MANharness to pin 3 on the patch lead.

The 4 pin patch lead connector diagrams above are viewed from the wire entry side of the connector.

Set the switches



The switches on the interface need to be set according to the brand of radio and vehicle model. Open the black box and set the switches.

See the tables below for the switch settings. Switches 1–4 relate to the brand of head unit and switched 5–8 relate to the model of car.

Switch	1	2	3	4
Alpine	Off	On	Off	Off
Kenwood	On	On	Off	Off
JVC	Off	Off	On	Off
Clarion	Off	On	On	Off
Zenec	Off	Off	Off	On
Sony	On	Off	On	On
Pioneer	Off	On	On	On
Chinese/learning	On	Off	Off	On

5	6	7	8	Vehicle model
On	Off	Off	Off	All models

LED STATUS



1 Green

2 Yellow

Green—CAN active

Yellow— Ignition output active

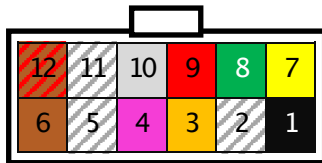
When connected the green light will indicate that the interface is recognising the vehicles CANbus, and the yellow light will indicate the interface is giving out an ignition power supply.

If the green light is not on check the CANbus connections and switch settings.

Some vehicles may not have quadlock connectors at the rear of the radio, a spare universal harness is supplied for vehicles where the interface may need to be hard wired.

See the diagram and pin configuration below.

**12 pin connector on
spare universal harness**



- 1 Connect to ground
- 2 Not connected
- 3 Illumination output
- 4 Reverse gear output
- 5 Not connected
- 6 CAN low
- 7 +12V permanent power
- 8 Handbrake output
- 9 Ignition output
- 10 Speed pulse output
- 11 Not connected
- 12 CAN high