

# 39-MB- Mercedes CAN SWC

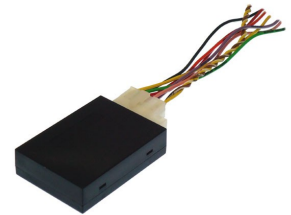
Mercedes CANbus steering control interfaces

InCarTec



39-MB- CANbus steering wheel control interfaces retain the use of the audio steering wheel controls and also provide CAN ignition, reverse gear, illumination, parking brake and speed pulse output signals.

These interfaces come with different fitting harnesses depending on the original connectors in the vehicle. Make sure you have the interface with the correct harness for the vehicle.



## 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)



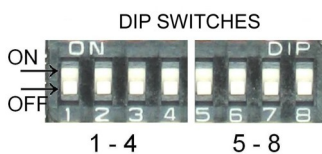
JVC, Kenwood and Zenec  
Pin 1 not connected  
Pin 2 blue (single wire)  
Pin 3 not connected  
Pin 4 not connected



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

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.

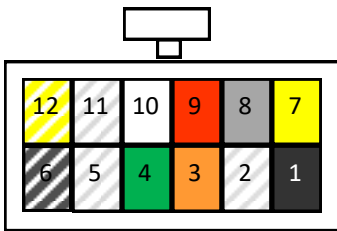
See the tables below for the switch settings. Switches 1-4 relate to the brand of head unit and switches 5-8 relate to the model of car.

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	Car model
On	Off	Off	Off	All other models
Off	On	Off	Off	C W203, CLK W209
On	On	Off	Off	E W210, CLK W208
Off	Off	On	Off	A W169, B W245, Vito, Viano
On	Off	On	Off	SL R230

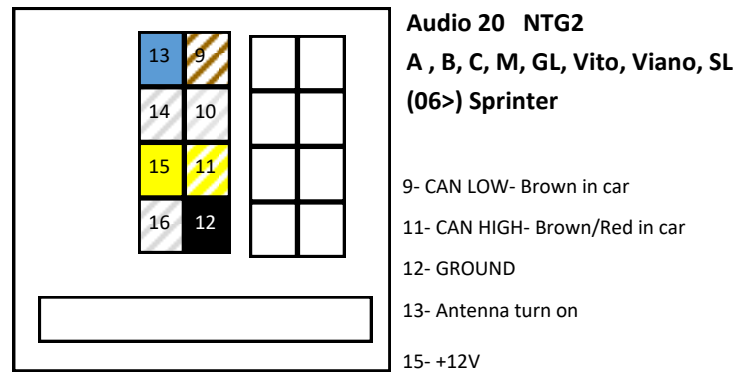
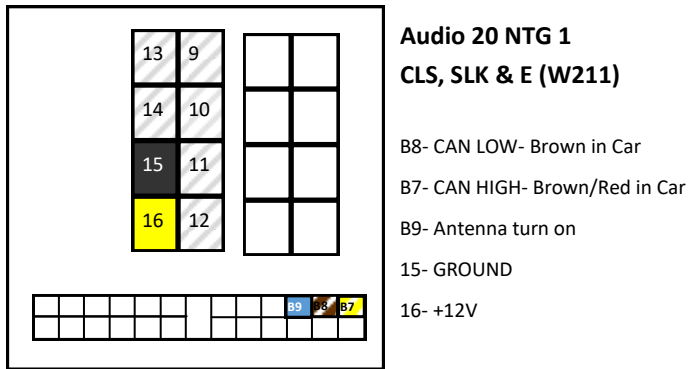
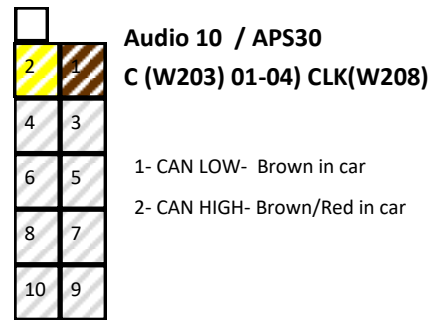
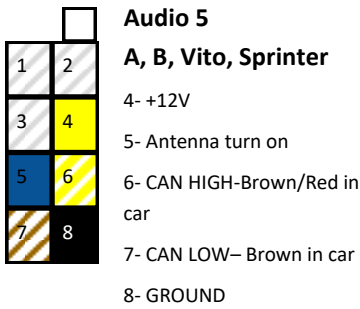
If the vehicle specific setting does not work, use the "all other model" setting.

12 pin connector on the CANbus interface



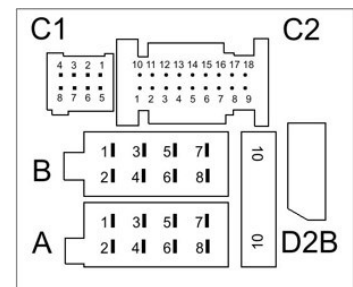
- 1 - BLACK ground
- 2 - Not connected
- 3 - ORANGE illumination
- 4 - GREEN reverse gear output
- 5 - Not connected
- 6 - WHITE/BROWN Can low input
- 7 - YELLOW +12V input
- 8 - GREY Handbrake output
- 9 - RED ignition output
- 10 - WHITE speed pulse output
- 11 - Not connected
- 12 - WHITE/YELLOW Can high input

## Mercedes Car wiring diagrams



### On Mercedes Command cars with NAV

Connect to pin 8 CAN LOW and pin 9 CAN HIGH on the 18 way C2 command Connector. This is the infotainment CAN . It will not work on the Bosch CAN or TV CAN



If there is no AUDIO menu on the car , then the car needs to be reset by a Mercedes dealer with Star diagnoses

Go to Menu Item "Configure control Unit" "Read and Change Coding" "General Parameters" and set the options to "audio unit active"

For Audio20 NTG1 and NTG2 cars only.

On some of these cars it may be necessary to configure the interface to work correctly with the cars Menu System. SWITCH LIGHTS TO AUTO MODE

- turn the key to ignition and switch on the aftermarket head-unit or navigation system
- acknowledge any error messages on the on board computer
- move to audio menu( menu up button until audio appears on display)
- push and hold "end call" button on the steering wheel until the aftermarket radio switches to "night mode"
- push menu up button again until audio is again in the display
- push and hold " end call" button again until the aftermarket radio switches back to day time