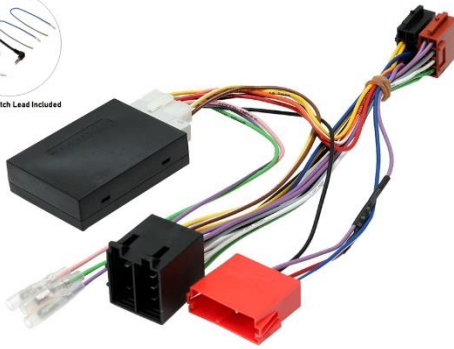


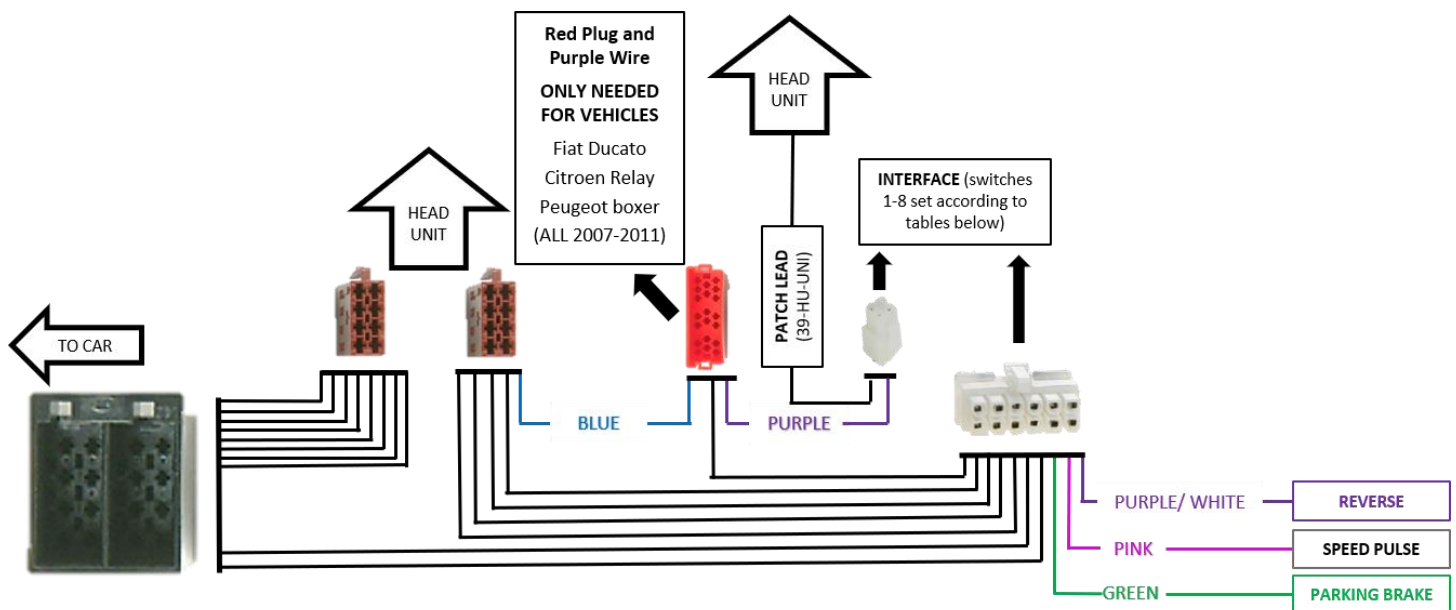


CANbus steering wheel control interface for Alfa Romeo and Fiat vehicles with ISO connections.

This interface uses ISO connectors behind the radio to retain the use of the steering wheel controls and provide CANbus outputs. Stops original display flashing once the correct settings have been made.

PLEASE NOTE: THIS IS NOT A DIY PRODUCT! It should only be fitted by experienced 12V engineers.

Installation Diagram

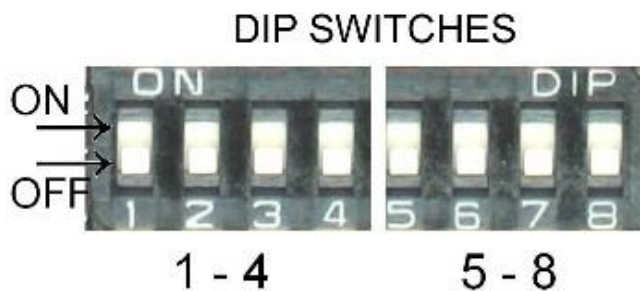


Installation Instructions

Set the Switches

Before removing head unit in the vehicle and connecting any wires, the DIP switches will need to be set on the interface. These will vary depending on the vehicle and brand of head unit being fitted:

1. Open up the interface (*Black Box*) exposing the circuit board with DIP switches labelled 1-8
2. Switches 1-4 account for the brand of head unit being fitted. Please see the table (right) for the appropriate settings:



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
Resistive Programming	ON	OFF	OFF	ON

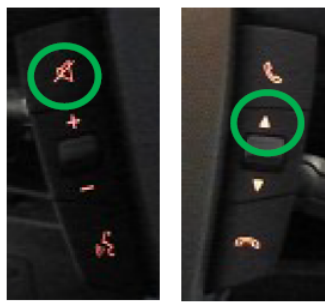
3. Switches 5-8 account for the original equipment in the vehicle. These will vary depending on the vehicle model, production year and if the vehicle has features such as Blue & Me. Please refer to the table below for the correct DIP switch settings

PLEASE NOTE: READ THROUGH ALL OF THE SETTINGS TO ENSURE THE CORRECT SEQUENCE IS SELECTED

Vehicle	Function	5	6	7	8
Fiat Ducato (2011 - 2014) Peugeot Boxer (2011 - 2014) Citroen Relay (2011 - 2014) Iveco Daily (2006 - 2014)	Initial Setting	ON	OFF	OFF	OFF
	Setting for Fiat 250 FL Touch head unit. Supports time and date settings	ON	OFF	ON	OFF
	Alternative setting if the odometer flashes	OFF	OFF	OFF	ON
	Setting for Fiat 250 VPI DAB non touch screen with the odometer flashing	ON	ON	ON	OFF
	Setting for some Boxer vans with the odometer flashing	ON	OFF	OFF	ON
Alfa Romeo 159, Brera, Giulietta (2010 - 2014) Mito (2009 - 2014) Spider	Vehicles WITHOUT original Blue & Me	OFF	ON	OFF	OFF
Fiat 500 (2008 - 2014) Bravo, Croma, Doblo (2010 Onwards) Fiorino, Grande Punto, Idea (2009 Onwards)	Vehicles WITH original Blue & Me (No handbrake CAN output)	ON	ON	OFF	OFF
Ford KA (2009 Onwards) Chrysler Delta, Ypsilon	Additional setting if the vehicles odometer flashes with the first two settings	ON	OFF	OFF	ON
Citroen Nemo Peugeot Bipper Vauxhall Combo (2010 Onwards)	Additional settings if vehicles odometer flashes with the first three setting (Allows setting of time and date)	OFF	OFF	ON	OFF
Fiat Ducato (2007 - 2011) Citroen Relay (2007 - 2011) Peugeot Boxer (2007 - 2011) *All vehicles with Single DIN radios	This is the setting for Analogue non CANbus vehicles using the red connector	OFF	ON	ON	OFF

If recommended option doesn't work, try all dip switch settings in order.





Setting time and date on DUCATO (11-14)

Press **mute** and **track+** at the same time (circled left). The radio will turn off to show time setting mode is active.

Use volume + and - to set time and date, use track + and - to move through the menu.

Press **mute** and **track+** together again to exit time setting mode.

*Some vehicles have separate controls for changing the time and date. Check the handbook.

Assembling the Patch Lead

Check the diagrams below and pin the connector according to the brand of head unit being fitted.



Pioneer and Sony

Pin 1 black (base)

Pin 2 red (middle)

Pin 3 not connected

Pin 4 white (tip)



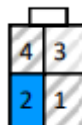
Alpine, Clarion and JVC

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

(Use blue single wires)

Pin 1 (SWC/KEY Ground)

Pin 2 not connected

Pin 3 not connected

Pin 4 blue (SWC/KEY1)

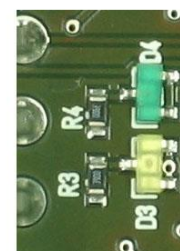
Installing into the vehicle

1. Once the patch lead has been assembled and the switches on the interface correctly set, remove the standard head unit from your vehicle.
2. IF THE VEHICLE IS A FIAT DUCATO (2007-2011), CITREON RELAY (2007-2011), PEUGEOT BOXER (2007-2011), connect the red mini-ISO connector to the male connector on the car AND CONNECT THE FREE PURPLE CABLE TO PIN 3 OF THE 4-PIN CONNECTOR ON THE PATCH LEAD. This should be a non-connected pin regardless of the brand of Head Unit. Then connect the 3.5 jack end to the Head Unit
3. FOR ALL OTHER VEHICLES, do not use the Red connector
4. Connect the larger white 12-pin connector to the interface (black box) and the 2 x ISO connectors to the new head-unit
5. If needed for a rear parking camera the Purple wire will give a 12V positive feed out when vehicle is in reverse gear
6. If needed for a navigation system the Pink wire to the Speed Impulse input to the new head-unit.
7. If needed the Green wire will go NEG when the parking brake is engaged.
8. When connected the green LED on the interface will indicate that the interface is recognising the vehicles CAN bus (this is the vehicles control system, by recognising the this it allows the new head unit to function with the cars existing systems) and the yellow LED will indicate the interface is giving out an ignition power supply. If the green light is not illuminated, check the CANbus connections and switch settings. When both LED'S are illuminated, replace the black cover on the interface.
9. Test the system fully ensuring all controls function properly before installing the new Head Unit.

Troubleshooting

- Check that head-unit is earthed and the black wire is ground.
- Check all connections are secure and properly insulated.
- Check that the green and Yellow LEDs are both on.
- If not check the CAN wires are in the correct place.
- If the car has a separate Blue and Me module, it may need to be removed completely.
- Check dipswitch settings and try different settings.

LED STATUS



1 Green

2 Yellow