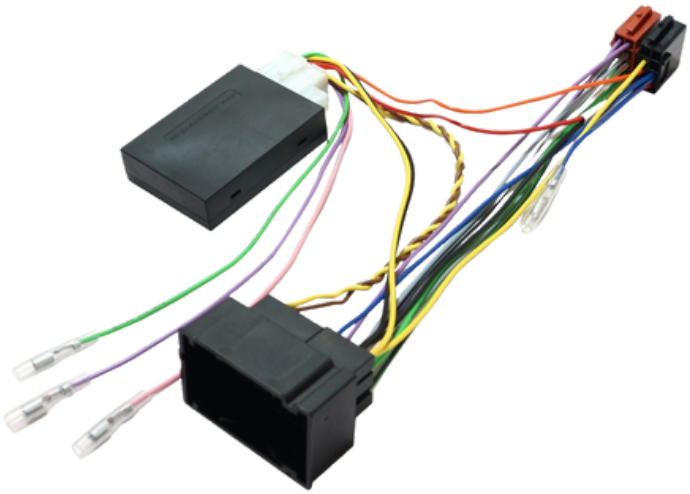


Car Audio Steering wheel interface allowing use of original buttons with a new aftermarket head-unit.
This interface will also allow vehicle information such as clock adjustment and vehicle settings to be displayed on the new aftermarket head unit.

Provides Additional Outputs Including:

- Speed (+12V)
- +Reverse (+12V)
- Ignition Cl15s (+12V)
- Illumination (+12V)
- Handbrake (Ground)
- Mute

Vehicles

Vehicle group 1

Citroen
Jumper II. Gen. (2007-2011)
Jumper II. Gen. (2012-2014)
Jumper III. Gen. (2014-)

Fiat
Ducato III. Gen. (250, 2006-2011)
Ducato III. Gen. (250, 2011-2014)
Ducato III. Gen. (250, 2014-)

Iveco
Daily IV (2006-2011) Daily V (2011-2014) Daily VI (2014-2019) Eurocargo III. Gen. (2008-)

Peugeot
Boxer II. Gen. (250, 2006-2011)
Boxer II. Gen. (250, 2012-2014)
Boxer III. Gen. (2014-)

Vehicle group 2

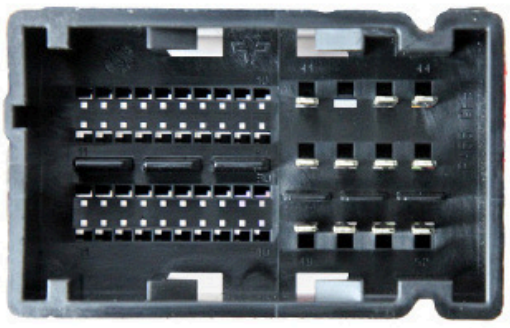
Alfa
147 937 (2006-2010) 156 932 (2002-2005) 159 939 (2005-2011) Brera 939 (2005-2010) Giulietta 940 (2010-) GT 937 (2004-2010) Mito 955 (2008-2018) Spider 939 (2006-2010)

Fiat
500(150, 2007-) Bravo II. Gen. (198, 2007-2014) Croma II. Gen. (194, 2005-2010) Doblo I. Gen. (223, 2004-2010) Doblo II. Gen. (263, 2010-) Fiorino III. Gen. (225, 2007-) Grande Punto III. Gen. (199, 2005-2009) Idea (350, 2003-2016) Linea (110, 2007-2018) Multipla (186, 2004-2010) Panda II. Gen. (169, 2003-2012) Punto III. Gen. (199, 2005-2012) Punto III. Gen. FL (199, 2012-2018) Punto Evo (2009-2011) Qubo (300, 2007-) Stilo (2004-2008)

Ford
KAII.Gen. (RU8, 2009-2016)

Lancia
Delta III Gen. (844, 2008-2014) Musa 350 (2004-2007) Ypsilon 843 (2003-2011) Ypsilon 846 (2011-)

Before Installing



Before installation, please ensure you have the correct interface for your vehicle. This can be identified by removing the factory head unit in the vehicle and checking the connections. The connector in the vehicle should match the 52-PIN connector shown here on the left.

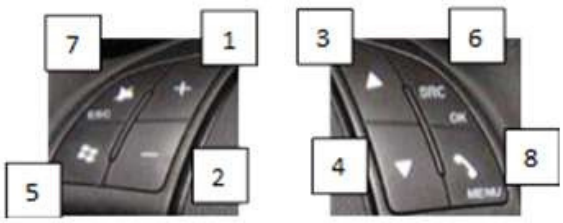
Whilst we aim to make all products to be as plug-and-play as possible, some still require installation by someone with prior car audio fitting knowledge and experience.

Steering wheel functions

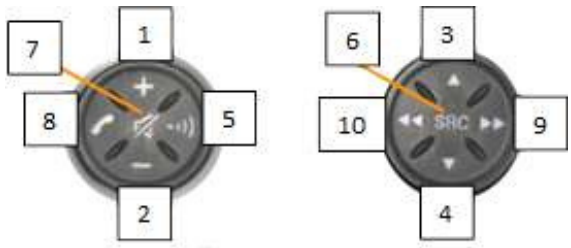
Steering Wheel Button	Symbol	Function	
1	+	Volume +	
2	-	Volume -	
3	▲	Track Up +	
4	▼	Track Down -	
5		Voice control	
6	SRC	Source	
7	MUTE	Mute	
8		Short: Accept call Long: Reject call	
9		Preset + (memory)	
10		Preset - (memory)	

The range of functions depends on the vehicle and the aftermarket radio being installed.

Steering wheel type 1: Fiat

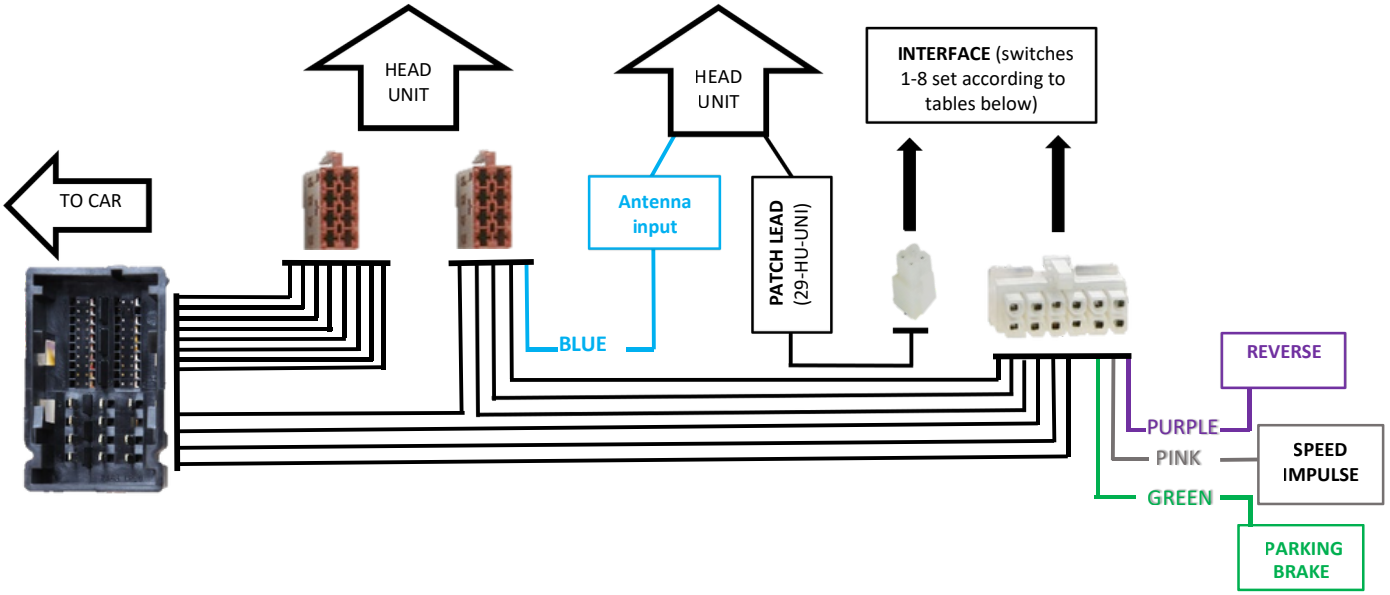


Steering wheel type 2: Fiat



Steering wheel type 3:

Installation Diagram

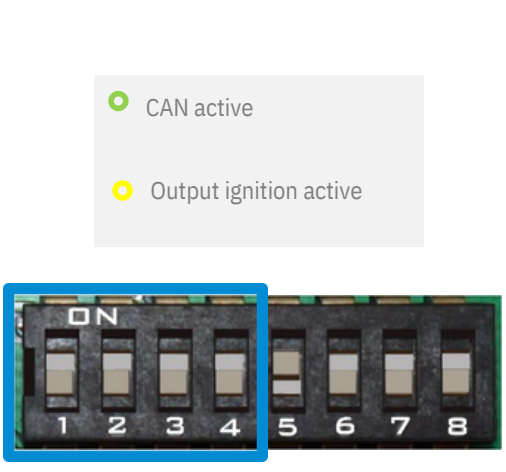


Setting the DIP Switches

Before removing the head unit and connecting any wires, the switches will need to be set on the interface. Open up the interface (black box) exposing the circuit board with the DIP switches labelled 1 to 8. Switches 1-4 account for the Brand of Head Unit being installed, while 5-8 account for the car model. See the tables below for the switch settings. Try setting option 1 first, check that if the steering control are operating correctly and that the odometer is not flashing, if this is the case, try setting option 2.

DIP Switches 1-4 (Head Unit Being Installed)

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

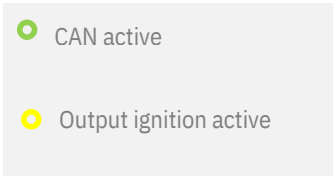


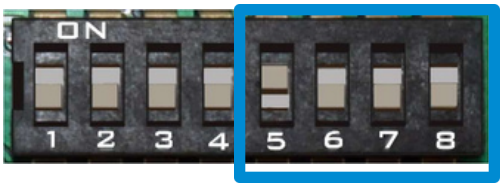
Trouble Shooting DIPs 1-4:

- Radios with analogue Remote-IN: wrong DIP position leads to wrong/no function of the steering wheel buttons.
- Radios with digital remote-IN: wrong DIP position leads to no function of the steering wheel buttons.

Dip Switches 5-8 (Vehicle Specific)

When connected the green LED 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 LED is not on check the CANbus connections and switch settings.





#	Vehicle Group	5	6	7	8	DIP	LKF	N	T	P8
1	Vehicle group 1 function Output, pin 8: Handbrake	1	0	0	0		CAN/ 430R	N	-	H
2	Vehicle group 2 without Blue & Me function	0	1	0	0		CAN/ 430R	-	-	H
3	Vehicle group 2 with Blue & Me function	1	1	0	0		CAN	-	-	M
4	Vehicle group 2 with Blue & Me function Allows you to set the time	0	0	1	0		CAN	N	T	M
5	Vehicle group 2 without Blue & Me function, Allows you to set the time	1	0	1	0		CAN	N	T	H
6	Fiat Ducato 250 FL (with analogue steering wheel buttons, 5BH)	0	1	1	0		CAN/ 560R	N	-	H
7	Vehicles with analogue LKF keys (Ducato 250FL) and Iveco Daily	1	1	1	0		CAN/ 560R	N	-	H
8	Fiat Ducato 250 FL with radio preparation (km-status flashes only through the adapter) Iveco Daily	0	0	0	1		CAN/ 560R	-	-	H
9	Other vehicles, e.g. Alfa Mito when the mileage is flashing	1	0	0	1		CAN/ 430R	N	-	H
10	Radio + Blue&Me Box is removed and the km status flashes	0	1	0	1		CAN/ 430R	N	-	H

LKF= steering wheel controls ; **N**= simulates CAN Network managemt messages (flashing Milage); **T**= Setting time possible ; **P8**= Pin 8 Function: **H**= Parking brake, **M**= Mute

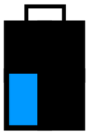
On settings with H: Hold Mute Button on LKF for 5s to permanently activate Parking brake output or set back to the signal

Assembling the Patch Lead

With reference to the below diagrams and to the brand of Head Unit, connect up the 4-pin connector to 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)



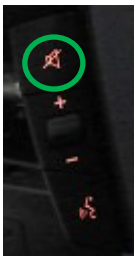
JVC, Kenwood and Zenec
Pin 1 not connected
Pin 2 blue (single wire)
Pin 3 not connected
Pin 4 not connected

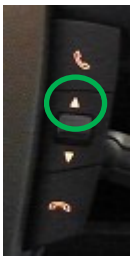
Chinese/Learning Pin 1
blue (single wire)
Pin 2 not connected
Pin 3 not connected
Pin 4 blue (single wire)

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

Vehicle Installation

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. Connect the assembled patch lead to the Interface and to the new Head Unit via the 3.5mm jack or single wire.
3. Connect the larger white 12-pin connector to the interface (black box).
4. Connect the large black connector to the car and the two ISO connectors on 39-FIA-03 to the new Head Unit.
5. Connect the purple, pink and green wires to the reverse signal, speed pulse and parking brake inputs on the Head Unit if needed .
6. Test the system fully ensuring all controls function properly before installing the new Head Unit.





Time and Date setting 1

Press *mute* and *track+* at the same time. 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.

Time and Date Setting 2

Select the **mode** button and cycle through the options to find the appropriate setting.

Trouble Shooting (DIPS 5-8)

- On analogue SWCR, left Buttons do wrong command (seem offset): Try Cable or DIP setting with other Resistance value (430R / 560R).
- Mileage is flashing: Try DIP setting as follows: Set DIP, disconnect and reconnect HW, turn on Ignition and wait for 3s to see if mileage starts flashing.
- Mileage not flashing if radio and adapter are disconnected: Try DIP setting without N.
- Mileage flashing if Radio and adapter are disconnected: Try DIP settings with N.
- Time flashing: try a DIP-Setting with T and set the time (not possible with analog SWCR).
- Blue & Me Hands free: C-3474266 with 3670013 should mute Radio -> select DIP setting with M.
- LEDs on PCB flashing alternating: invalid DIP setting.