



UNI-SWC.4
Universal Steering Wheel Control
for CAN-Bus & Resistive Vehicles

New and Updated Vehicle
Applications



INSTRUCTION MANUAL

Designed and
Engineered
in the UK. 

www.connects2.com

About

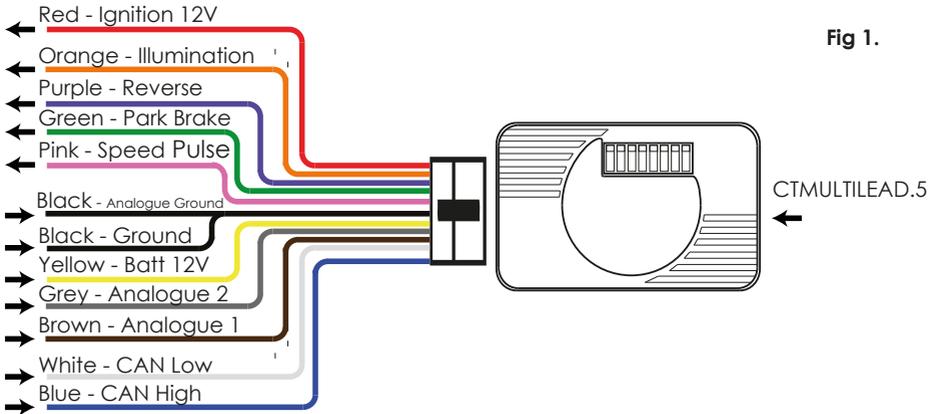
The Connects2 UNI-SWC.4 covers a wide range of both CAN-Bus and analogue vehicles, allowing steering wheel control retention with almost every steering wheel control compatible head unit on the market. A Connects2 head unit specific patch lead (sold separately) is required with this interface.

Installation

- 1: Remove and disconnect the original head unit.
- 2: Connect the CTMULTILEAD.5 to the UNI-SWC.4 interface and to the aftermarket head unit steering wheel control input (see Fig 3. for details).
- 3: Set the correct dipswitch settings on the UNI-SWC.4 (see Fig 2.) according to the vehicle it is being fitted into. See car specific application table for further information.
- 4: Installation using universal cable supplied (see Fig 1. for details).

NOTE: Car manufacturers can change wiring specifications without notice. Ensure that the correct wires are located before commencing installation.

Interface Connections



Dipswitch Settings

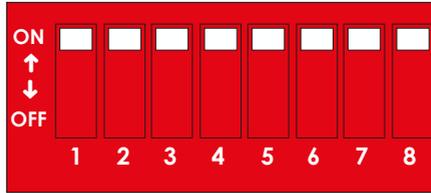


Fig 2.

Set the dipswitches 1-7 according to the car specific settings overleaf.

Set dipswitch 8 to ON when fitting the UNI-SWC.4 interface with a Pioneer head unit.

Ensure dipswitch 8 is set to OFF when fitting with a Sony head unit.

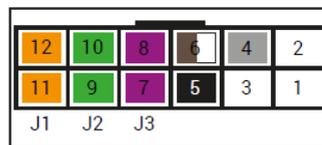
Universal Patch Lead - CTMULTILEAD.5

Configuration Assignments (1 = Link Made, 0 = No Link)

Fig 3.

J1	J2	J3	J4	Systems	Connector
1	0	0	1	JVC	Jack/Key1
0	1	0	1	BEAT/Philips/Nakamichi	Key1
1	1	0	1	Clarion	Jack
0	0	1	1	Kenwood	Key1
1	0	1	1	Alpine	Jack
0	1	1	1	Panasonic	Key1
1	1	1	1	Sony/LG/Pioneer	Jack
1	1	1	0	Pioneer (Type 2)	Jack
1 (Pin12)	1 (Pin10)	0	1	Zenec	Key1
1	1	1	1	Chinese Learning Brands	Key1, Key2, GND

Pin	Description	Colour
1	Not populated	N/A
2	Not populated	N/A
3	Not populated	N/A
4	Analog 2 SWC	Grey
5	Ground SWC	Black
6	Analog 1 SWC	Brown/White
7	Link J3	Purple
8	Link J3	Purple
9	Link J2	Green
10	Link J2	Green
11	Link J1	Orange
12	Link J1	Orange



Examples of lead configurations:

ALPINE - Cut connection between **J2**, then use the **Jack** connection for the new stereo.

KENWOOD: Cut connections between **J1** and **J2**, then use the wired connections for the new stereo.

ZENEC - Cut the connection between **J1**, **J2** and **J3**. Solder together the wires from **Pin 10 (J2)** and **Pin 12 (J1)**. Then use the wired connections for new stereo.

Car Specific Dipswitch Settings

Make	Model	Year From	Year To	Phone Button Support	CAN/Analogue	Dipswitch Setting						
						1	2	3	4	5	6	7
Alfa	147	2007	2010	X	CAN	-	ON	ON	ON	-	ON	ON
	159	2005	2011	√	CAN	-	ON	ON	-	ON	ON	ON
	4C/MIto/Giulietta	2013		√	CAN - Open Dash	ON	ON	ON	ON	ON	ON	-
	4C/MIto/Giulietta	2013		√	CAN Type1	-	ON	ON	ON	ON	ON	-
	4C/MIto/Giulietta	2013		√	CAN Type2	ON	-	ON	ON	ON	ON	-
	4C/MIto/Giulietta	2013		√	CAN Type3	-	-	ON	ON	ON	ON	-
	Brera	2005	2010	√	CAN	-	ON	ON	-	ON	ON	ON
	Giulietta	2010	2014	√	CAN	-	ON	ON	ON	ON	ON	ON
	GT	2008	2010	X	CAN	-	ON	ON	ON	-	ON	ON
	Mito	2008	2014	√	CAN	-	ON	ON	ON	ON	ON	ON
Audi	A3	2003	2012	√	CAN	ON	ON	-	ON	ON	ON	ON
	A4	2005	2015	√	CAN	ON	ON	-	ON	ON	ON	ON
	A4	2001	2005	√	CAN	ON	ON	-	ON	ON	ON	ON
	A6	2004	2011	√	CAN	ON	ON	-	ON	ON	ON	ON
	TT	2006	2013	√	CAN	ON	ON	-	ON	ON	ON	ON
	TT	2003	2006	√	CAN	ON	ON	-	ON	ON	ON	ON
BMW	1 Series	2004	2013	√	i-Bus	ON	-	ON	ON	-	ON	ON
	3 Series	1998	2005	√	i-Bus	ON	ON	-	ON	-	ON	ON
	3 Series	2005	2012	√	CAN	ON	ON	-	ON	-	ON	ON
	5 Series	1996	2004	√	i-Bus	ON	-	ON	ON	-	ON	ON
	5 Series	2004	2010	√	CAN	ON	ON	-	ON	-	ON	ON
	6 Series	2003	2010	√	CAN	ON	ON	-	ON	-	ON	ON
	7 Series	1994	2001	√	i-Bus	ON	-	ON	ON	-	ON	ON
	7 Series	2001	2008	√	CAN	ON	ON	-	ON	-	ON	ON
	Mini	2001	2006	√	i-Bus	ON	-	ON	ON	-	ON	ON
	Mini	2006	2012	√	CAN	ON	ON	-	ON	-	ON	ON
Vauxhall	X3	2004	2010	√	i-Bus	ON	-	ON	ON	-	ON	ON
	X5	2000	2006	√	i-Bus	ON	-	ON	ON	-	ON	ON
	Z4	2002	2008	√	i-Bus	ON	-	ON	ON	-	ON	ON
Citroen	Z4	2009		√	CAN	ON	ON	-	ON	-	ON	ON
	Berlingo	2008		X	CAN	-	ON	-	-	ON	ON	ON
	C2	2005	2009	X	CAN	-	ON	-	-	ON	ON	ON
	C2	2005	2009	X	CAN	-	ON	-	-	ON	ON	ON
	C3	2006		X	CAN	-	ON	-	-	ON	ON	ON
	C3	2006		X	CAN	-	ON	-	-	ON	ON	ON
	C3 Picasso	2009		X	CAN	-	ON	-	-	ON	ON	ON
	C4	2004	2010	X	CAN	-	ON	-	-	ON	ON	ON
	C4	2004	2010	X	CAN	-	ON	-	-	ON	ON	ON
	C4 Picasso	2006		X	CAN	-	ON	-	-	ON	ON	ON
	C5	2005	2008	X	CAN	-	ON	-	-	ON	ON	ON
	C5	2005	2008	X	CAN	-	ON	-	-	ON	ON	ON
	C8	2005	2014	X	CAN	-	ON	-	-	ON	ON	ON
	C8	2005	2014	X	CAN	-	ON	-	-	ON	ON	ON
	DS3	2009		X	CAN	-	ON	-	-	ON	ON	ON
	Jumper	2006	2008	X	CAN	-	ON	ON	ON	-	ON	ON
	Jumper	2008	2013	X	CAN	-	ON	ON	ON	-	ON	ON
	Jumper	2014		√	CAN	ON	-	ON	ON	ON	ON	-
	Relay	2006	2008	X	CAN	-	ON	ON	ON	-	ON	ON
	Relay	2008	2014	X	CAN	-	ON	ON	ON	-	ON	ON
	Chrysler	Delta	2011	2014	√	CAN	-	ON	ON	-	ON	ON

Car Specific Dipswitch Settings

Fiat	500	2007		√	CAN	-	ON	ON	ON	ON	ON	ON
	Doblo	2009	2015	√	CAN	-	ON	ON	ON	ON	ON	ON
	500L	2012		√	CAN - Open Dash	ON	ON	ON	ON	ON	ON	-
	500L	2012		√	CAN Type 1	-	ON	ON	ON	ON	ON	-
	500L	2012		√	CAN Type 2	ON	-	ON	ON	ON	ON	-
	500L	2012		√	CAN Type 3	-	-	ON	ON	ON	ON	-
	Bravo	2007	2014	√	CAN	-	ON	ON	-	ON	ON	ON
	Dodge RAM ProMaster	2014		√	CAN							ON
	Ducato	2011	2014	√	CAN	-	ON	ON	ON	ON	ON	ON
	Ducato	2006	2008	X	CAN							ON
	Ducato	2008	2014	X	CAN							ON
	Ducato	2012	2014	X	CAN							ON
	Ducato	2014		√	CAN							ON
	Ducato	2015		√	CAN - Open Dash	ON	ON	ON	ON	ON	ON	-
	Ducato	2015		√	CAN Type 1	-	ON	ON	ON	ON	ON	-
	Ducato	2015		√	CAN Type 2	ON	-	ON	ON	ON	ON	-
	Ducato	2015		√	CAN Type 3	-	-	ON	ON	ON	ON	-
	Fiorino	2007		√	CAN	-	ON	ON	ON	ON	ON	ON
	Idea	2006	2012	√	CAN	-	ON	ON	ON	ON	ON	ON
	Panda	2007	2012	X	CAN	-	ON	ON	-	-	ON	ON
	Peugeot Bipper	2008		√	CAN	-	ON	ON	ON	ON	ON	ON
	Punto	2005		√	CAN	-	ON	ON	ON	ON	ON	ON
	Qubo	2007		√	CAN	-	ON	ON	ON	ON	ON	ON
	Ritmo	2007	2014	√	CAN	-	ON	ON	-	ON	ON	ON
Stilo	2001	2007	√	CAN	-	ON	ON	-	ON	ON	ON	
	C-Max	2003	2010	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Fiesta	2005	2008	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Focus	2004	2011	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Fusion	2005	2012	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Galaxy	2006		X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Kuga	2008	2012	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Mondeo	2007	2014	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	S-Max	2006		X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Transit	2006	2013	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Transit Connect	2004	2013	X	CAN/Analogue	-	ON	-	ON	ON	ON	ON
	Harley Davidson	Street Glide	2015		X	CAN	-	ON	ON	-	ON	ON
Honda	Civic	2012		√	CAN	ON	-	ON	-	-	-	ON
	CR-V	2012		√	CAN	ON	-	ON	-	-	-	ON
Iveco	Daily	2014		√	CAN	-	ON	ON	ON	ON	ON	-
KIA	Carnival	2015		X	CAN	ON	ON	ON	-	-	ON	-
	Sorento	2015		X	CAN	ON	ON	ON	-	-	ON	-
Lancia	Delta	2009		√	CAN	-	ON	ON	-	ON	ON	ON
Landrover	Range Rover Sport	2005	2013	√	CAN							ON
	Freelander	2006	2014	√	CAN							ON
	Discovery	2006	2014	√	CAN							ON
Mazda	6	2007	2009	X	CAN/Analogue	-	ON	-	-	-	ON	ON
	3	2004	2008	X	CAN/Analogue	-	ON	-	ON	ON	-	ON
	CX-7	2008	2012	X	CAN/Analogue	-	ON	-	-	ON	-	ON
	CX-9	2007	2015	X	CAN/Analogue	-	ON	-	-	ON	-	ON
Mercedes	A Class	2004	2012	√	CAN	ON	-	ON	ON	ON	ON	ON
	B Class	2005	2011	√	CAN	ON	-	ON	ON	ON	ON	ON
	C Class	2004	2007	√	CAN	ON	-	ON	ON	ON	ON	ON
	C Class	2000	2004	√	CAN	ON	-	ON	ON	ON	ON	ON
	C Class	2000	2004	√	CAN	ON	-	ON	ON	ON	ON	ON
	C Class	2001	2004	X	CAN	-	ON	-	ON	-	ON	-
	C Class	2007	2015	√	CAN	-	-	ON	ON	-	ON	-
	CLK	2001	2004	X	CAN	-	ON	-	ON	-	ON	-
	E Class	2002	2009	√	CAN	ON	-	ON	ON	ON	ON	ON

Car Specific Dipswitch Settings

Mercedes	ML	2005	2011	√	CAN	ON	-	ON	ON	ON	ON	ON
	R Class	2006	2013			ON	-	ON	ON	ON	ON	ON
	SLK	2004	2011	√	CAN	ON	-	ON	ON	ON	ON	ON
	Sprinter	2006		√	CAN	ON	-	ON	ON	ON	ON	ON
	Viano	2004	2015	√	CAN	ON	-	ON	ON	ON	ON	ON
	Vito	2004	2015	√	CAN	ON	-	ON	ON	ON	ON	ON
	Vito	2004	2015	√	CAN	ON	-	ON	ON	ON	ON	ON
	Vito	2015		√	CAN	-	-	ON	ON	-	ON	-
	Vivano	2004	2015	√	CAN	ON	-	ON	ON	ON	ON	ON
	VW Crafter	2012	2014	√	CAN	ON	-	ON	ON	ON	ON	ON
VW Crafter	2006		√	CAN	ON	-	ON	ON	ON	ON	ON	
Mitsubishi	Outlander	2013		√	CAN	ON	-	-	ON	-	-	ON
Peugeot	207	2006	2012	X	CAN	-	ON	-	-	ON	ON	ON
	207	2006	2012	X	CAN	-	ON	-	-	ON	ON	ON
	208	2012		X	CAN	-	ON	-	-	ON	ON	ON
	3008	2009		X	CAN	-	ON	-	-	ON	ON	ON
	3008	2009		X	CAN	-	ON	-	-	ON	ON	ON
	307	2005	2008	X	CAN	-	ON	-	-	ON	ON	ON
	307	2005	2008	X	CAN	-	ON	-	-	ON	ON	ON
	308	2008		X	CAN	-	ON	-	-	ON	ON	ON
	308	2008		X	CAN	-	ON	-	-	ON	ON	ON
	407	2004	2010	X	CAN	-	ON	-	-	ON	ON	ON
	407	2004	2010	X	CAN	-	ON	-	-	ON	ON	ON
	5008	2009	2013	X	CAN	-	ON	-	-	ON	ON	ON
	607	2004	2012	X	CAN	-	ON	-	-	ON	ON	ON
	607	2004	2012	X	CAN	-	ON	-	-	ON	ON	ON
	807	2005	2014	X	CAN	-	ON	-	-	ON	ON	ON
	807	2005	2014	X	CAN	-	ON	-	-	ON	ON	ON
	Boxer	2006	2008	X	CAN	-	ON	ON	ON	-	ON	ON
Boxer	2008	2014	X	CAN	-	ON	ON	-	-	ON	ON	
Porsche	Boxer	2014		√	CAN	ON	-	ON	ON	ON	ON	-
	Boxer	2015		X	CAN	-	-	ON	ON	ON	ON	-
	Partner	2008		X	CAN	-	ON	-	-	ON	ON	ON
	RCZ	2010		X	CAN	-	ON	-	-	ON	ON	ON
	Cayenne	2002	2007	X	CAN	ON	ON	-	ON	ON	ON	ON
Cayenne	2007	2010	X	CAN	ON	ON	-	ON	ON	ON	ON	
Renault	Clio	2005	2009	X	CAN	-	-	-	ON	ON	ON	ON
	Clio	2009	2013	√	CAN	-	-	-	-	ON	ON	ON
	Fluence	2010		√	CAN	-	-	-	-	ON	ON	ON
	Laguna	2005	2007	X	CAN	-	-	-	-	ON	ON	ON
	Laguna	2008		√	CAN	-	-	-	-	ON	ON	ON
	Megane	2005	2008	X	CAN	-	-	-	ON	ON	ON	ON
	Megane	2008	2012	√	CAN	-	-	-	-	ON	ON	ON
	Modus	2005	2012	X	CAN	-	-	-	ON	ON	ON	ON
	Scenic	2005	2009	X	CAN	-	-	-	ON	ON	ON	ON
	Scenic	2009		√	CAN	-	-	-	-	ON	ON	ON
	Trafic	2006		X	CAN	-	-	-	ON	ON	ON	ON
	Trafic	2010	2013	√	CAN	-	-	-	-	ON	ON	ON
	Twingo	2007	2009	X	CAN	-	-	-	-	ON	ON	ON
Wind	2010	2013	√	CAN	-	-	-	-	ON	ON	ON	
Scania	R 480	2004	2015	X	CAN	ON	-	-	ON	ON	ON	
Skoda	Fabia	2013		X	CAN	ON	ON	-	-	ON	ON	ON
	Fabia	2007	2014	√	CAN	ON	ON	-	-	ON	ON	ON
	Octavia	2008	2013	X	CAN	ON	ON	-	-	ON	ON	ON
	Octavia	2004	2008	√	CAN	ON	ON	-	-	ON	ON	ON
	Rapid	2010		X	CAN	ON	ON	-	-	ON	ON	ON
	Roomster	2008	2015	√	CAN	ON	ON	-	-	ON	ON	ON
Superb	2008	2013	X	CAN	ON	ON	-	-	ON	ON	ON	

Car Specific Dipswitch Settings

Skoda	Yeti	2010	2014	X	CAN	ON	ON	-	-	ON	ON	ON
	Yeti	2014		√	CAN	ON	ON	-	ON	ON	-	ON
Seat	Altea	2004	2015	√	CAN	ON	ON	-	-	ON	ON	ON
	Exeo	2009	2013	√	CAN	ON	ON	-	ON	ON	ON	ON
	Exeo	2009	2013	√	CAN	ON	ON	-	ON	ON	ON	ON
	Ibiza	2008		√	CAN	ON	ON	-	-	ON	ON	ON
	Leon	2005	2014	√	CAN	ON	ON	-	-	ON	ON	ON
	Toledo	2004		√	CAN	ON	ON	-	-	ON	ON	ON
	Alhambra	2015		√	CAN	ON	ON	-	ON	ON	-	ON
Volvo	S60	2000	2004	X	CAN	ON	-	ON	ON	-	ON	-
	V70	2000	2004	X	CAN	ON	-	ON	ON	-	ON	-
VW	Amarok	2010		√	CAN	ON	ON	-	ON	ON	-	ON
	EOS	2006	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Beetle	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Caddy	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Crafter	2006		√	CAN	ON	-	ON	ON	ON	ON	ON
	Crafter	2014		√	CAN	ON	-	ON	ON	ON	ON	ON
	Fusca	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
	Gol	2012		√	CAN	-	-	ON	-	-	-	ON
	Golf	2003	2013	√	CAN	ON	ON	-	ON	ON	-	ON
	Jetta	2005	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Jetta	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Magotan	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
	Multivan	2003	2009	X	CAN	ON	ON	-	-	-	ON	ON
	Passat	2005	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Polo	2005	2014	√	CAN	ON	ON	-	ON	ON	-	ON
	Sagitar	2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
	Scirocco	2008	2015	√	CAN	ON	ON	-	ON	ON	-	ON
	Sharan	2015		√	CAN	ON	ON	-	ON	ON	-	ON
	Suran	2009		√	CAN	ON	ON	-	ON	ON	-	ON
	VW	T-6	2015		√	CAN	ON	ON	-	ON	ON	-
Tiguan		2007	2015	√	CAN	ON	ON	-	ON	ON	-	ON
Tiguan		2015		√	CAN	ON	ON	-	ON	ON	-	ON
Touareg		2003	2010	X	CAN	ON	ON	-	-	-	ON	ON
Touran		2003	2015	√	CAN	ON	ON	-	ON	ON	-	ON
Transporter		2003	2015	√	CAN	ON	ON	-	ON	ON	-	ON
Vento		2005	2011	√	CAN	ON	ON	-	ON	ON	-	ON
Antara		2006	2010	√	CAN	-	-	ON	ON	ON	ON	ON
Antara		2010		X	CAN	ON	ON	-	ON	-	ON	-
Vauxhall	Astra	2004	2010	√	CAN	-	-	ON	ON	ON	ON	ON
	Corsa	2005	2009	√	CAN	-	-	ON	ON	ON	ON	ON
	Meriva	2007	2010	√	CAN	-	-	ON	ON	ON	ON	ON
	Signum	2005	2008	√	CAN	-	-	ON	ON	ON	ON	ON
	Tigra	2005	2009	√	CAN	-	-	ON	ON	ON	ON	ON
	Vectra	2004	2008	√	CAN	-	-	ON	ON	ON	ON	ON
	Vivaro	2011	2013	√	CAN	-	-	-	-	ON	ON	ON
	Zafira	2005	2014	√	CAN	-	-	ON	ON	ON	ON	ON

NOTES
