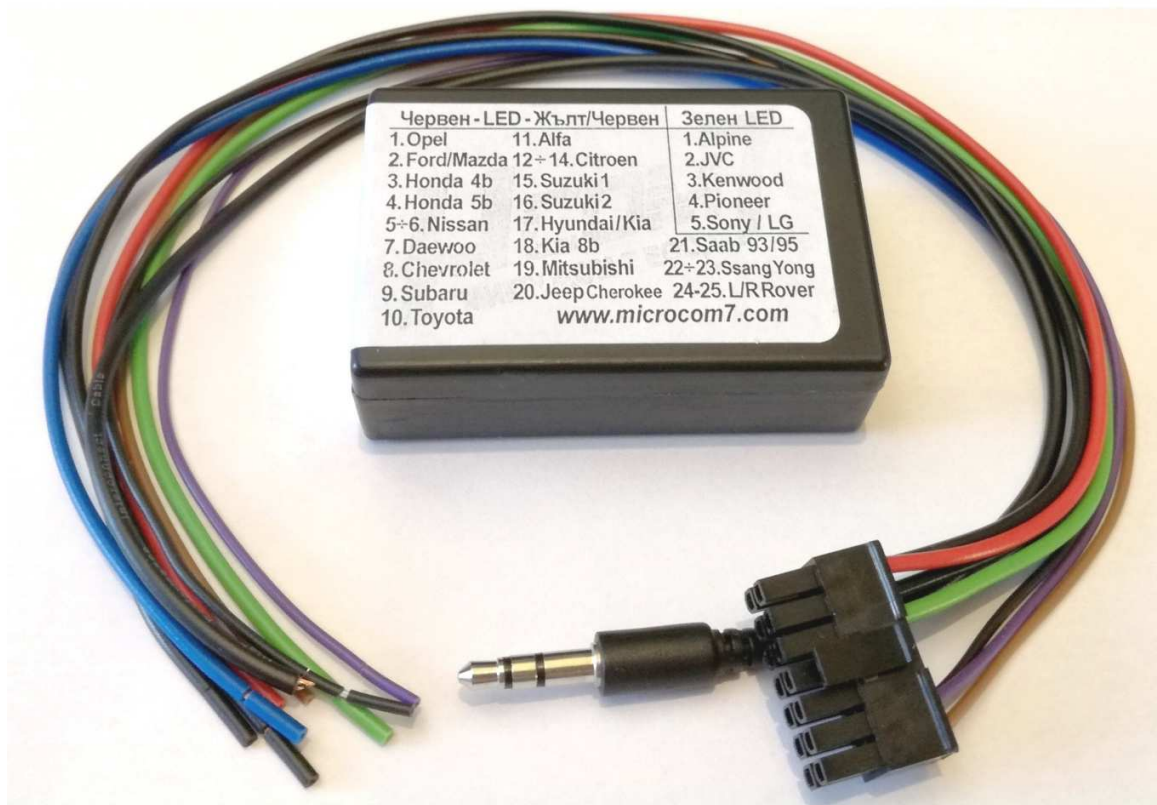


MC7-RF5v4 Universal Steering Wheel Control Adapter for Resistive Vehicles

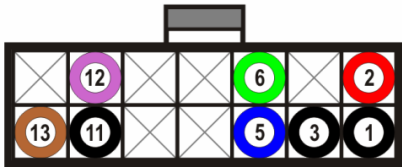


Before your start



Is this product compatible with your vehicle?
See application guide below.

Section 1 – Wiring



Adapter's Connector and wire explanation:

- 1 – **Color Black** – GND input;
- 2 – **Color Red** – positive +12V input;
- 3 – **Color Black** – Analogue input common
- 5 – **Color Blue** – Analogue input A;
- 6 – **Color Green** – Analogue input B;
- 11 – **Color Black** – Output GND;
- 12 – **Color Lila** - Output;
- 13 – **Color Brown** - Output

Adapter's outputs wiring explanation:

Depending of the Brand of the Car Audio Head Unit and Manufacture Year the output lines must be connected as shown in the Table 1 below. (N.C.- Not Connected – leave not connected, well isolated!)

Table 1:

Brand \ Outputs	Alpine	JVC <2011 r.	JVC > 2011 r.	Kenwood	Pioneer Sony / LG	
p.11. Black	Jack 1	Jack 1	N.C.	N.C.	Jack 1	
p.13. Brown	N.C.	Jack 3	Blue/Yellow	Blue/Yellow	Jack 2	
p.12. Lila	Jack 3	N.C.	N.C.	N.C.	Jack 3	

Jack (3,5mm stereo jack with cable), when it is needed will be supplied with the Adapter.

Wiring connections

NOTE: Do not plug the connector into Adapter before all wirings are done and well isolated!

Step 1.

1.1 Connect wire color **black** p.1 to **GND**

1.2 Connect wire color **red** p.2 to **ACC +12V** or **BATT +12V** (depends how your new audio unit was connected, if it works permanently – connect **red** wire to BATT +12V, if it works depending of the ACC switch connect this wire to the ACC wire in the car)

Step 2.

2.1 Connect wire color **blue** p.5, **green** p.6 and **black** p.3 as follow-on application guide. In case some of the Analogue input wires are not used, leave them well isolated and not connected.

NOTE: Please, take attention - some skills to work with wires are required! Or you can ask for assistance in your local car audio repair shop/service. **Be aware not to connect Analogue Input or Output wires to +12Volts, this will destroy the Adapter and the Warranty will be void! After all wirings, make sure all connecting points are well isolated! Plug the Connector into Adapter ONLY AFTER all connections are ready and isolated! Do NOT wire the wires with connector engaged in the Adapter to avoid shortcuts to the Input/Outputs lines!**

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Section 2 – Programming

Entering the Setting Mode and Checking the Settings.

Step 1: Press and Hold the hidden button located next to the LED with something NON-metal (like toothpick, for example) for about 1sec, until the build LED is lit. When the LED goes off release the button. The LED will blink 3 times Yellow. You are now in Settings Mode and can choose the Car Type. The LED starts to blink in cycles Red or Yellow with little pause between the cycles. The count of blinks shows the chosen Car Type.

For Car numbers more than 9 the LED will blink in Yellow 1 time for every 10 positions. For Example; for Car Type number 9 the LED will blink 9x Red; for Car Type number 12 the LED will blink 1x Yellow + 2x Red; for Car Type number 20 – the LED blinks 2 times Yellow only; for Car Type number 25 – the LED blinks 2x Yellow + 5x Red. With short press of the button, you can increase the Car Type number by 1 until 26, and then they start over 1.

Numbers of Car Types supported:

1. Opel / Vauxhall ; 2. Ford / Mazda ; 3. Honda 4buttons version ; 4. Honda 5buttons version ; 5. Nissan1 ; 6. Nissan2 ; 7. Daewoo ; 8. Chevrolet ; 9. Subaru ; 10. Toyota / Lexus ; 11. Alfa 147 / 156 /GT ; 12. CitroenXantia (1993-1998) ; 13. Xantia II (1998 -2000r.); 14. Xsara Picasso (2000-2003), Xsara (09/1999-03/2001), Xantia (01/2000-09/2002), Evasion, Peugeot 806 (10/1999-02/2002);15. Suzuki 1 (<2005r.) ;16. Suzuki 2 (>2005r.) / Fiat Sedici (2005-2009); 17. Hyundai / KIA ; 18. KIA 8buttons version ; 19. Mitsubishi ; 20. Chrysler Jeep Cherokee ; 21. SAAB 93 / 95 ; 22.Ssang Yong ver.1 (button Vol+ is 890 Ω) 23. Ssang Yong ver.2 (buttonVol+ is 3,3K Ω); 24. Rover 75 / MG, LandRover / Chevrolet Lacetti 2011; 25. Land Rover 2 -Freelander 2, Discovery 3. 26. Nissan 3 (2014-2019 models)

This cycle continues until you confirm your choice with LONG press of the button (about 1 sec.) and Adapter will enter the next Setting Mode – Audio Head Unit Choose Mode.

Step 2: The LED will now start blink Green – You are in Audio Head Unit Choose Mode. And again – with short press of the button you can increase the number of the Audio Head Unit until 5, and after next short press the cycle starts over 1:

Audio Head Units numbers:

1. Alpine; 2. JVC; 3. Kenwood; 4. Pioneer; 5. Sony/LG.

When you choose the right Audio Head Unit press and hold the button for about 1 sec, after releasing the button the LED will blink 1 time Red and 1 time Green, and will go off stating that the Adapter is ready to use.

If you want to make some changes in the Settings, repeat from Step 1.

In common case if you provide us, before your order, information about your Car Brand, Model and MY, and about your Car Audio Head Unit we will prepare the Adapter for your stereo and pre-program it for your car.

Section 3 – Car Models Supported

CAR BRAND	MODEL	YEAR FROM	YEAR TO	Tested
Alfa Romeo	147	2000	2007	✓
	156	2000		✓
	GT	2004	2008	✓
Citroen	C-Crosser	2007	2012	
Chevrolet	Captiva	2006		✓
	Aveo	2002	2011	✓
	Lacetti	2005	2011	✓
Fiat	Sedici	2005	2015	✓
	Fullback	2014		✓
Ford	Fiesta		2003	
	Galaxi		2006	
	Transit	1996	2005	
	Focus		2004	✓
	Mondeo		2004	✓
Honda	CR-V	2001	2006	✓
	CR-V	2006	2011	✓
	Civic	2005	2012	
	City	2008		
	Amaze	2012		
Hyundai	I30	2007	2009	
	Santa Fe	2006	2010	✓
	I10	2009		
	I20	2009		
	I30	2009		
	Ix20	2010		
	Santa Fe	2010		
	I40	2011		
	Ix35	2010		
	Santa Fe	2013		
	Ix45	2013		
	I30	2012		
	I40	2012		
KIA	Cee'd	2007	2009	
	Cee'd	2009	2012	
	Carens	2013	2018	✓

	Soul	2009	2011	
	Sorento / Sorento EX	2009	2011	
	Sportage	2010		
	Picanto	2011		
	Rio	2011		
Land Rover	Discovery	2001	2004	✓
	Freelander	2001	2003	✓
	Discovery	2003	2009	✓
	Freelander	2006	2012	✓
Mitsubishi	Pajero	2006	2011	✓
	L200	2014		✓
	Lancer	2007	2010	
	Outlander	2007	2010	
	Lancer	2010	2014	✓
	Pajero	2013		
	Shogun	2013		
Mazda	2	2007		✓
	3	2004	2008	✓
	5	2004	2010	✓
	6	2007	2009	
	CX-7	2008		✓
	CX-9	2007		
Nissan	Qashqai J10	2006	2013	✓
	X-Trail T30	2000	2007	✓
	X-Trail T31	2007	2013	✓
	Navara D40	2004	2014	✓
	Micra K12	2002	2010	✓
	Micra K13	2010	2016	✓
	Juke F15	2010	2019	✓
	Sunny	2012		
	Note E11	2004	2012	✓
	Note E12	2012	2019	✓
Peugeot	4007	2007	2012	
Rover	75	1999	2005	✓
Saab	9-3	1998	2003	✓
	9-5	1997	2008	✓
Subaru	Forester	2007	2012	✓
	Impreza	2007	2012	✓
	Impreza	2012		
	Legacy	2003	2009	
	Legacy	2009	2014	✓
	Forester	2012		
	Outback	2012		
Ssang Yong	Actyon	2006		✓
	Rexton	2007		✓

	Korando	2010		✓
	Korando	2012		✓
	Rexton	2013		✓
	Actyon	2012		✓
Suzuki	Baleno	2001	2007	✓
	Grand Vitara JT	2005	2015	✓
	Swift	2006		
	SX4	2006	2014	
	Ritz	2009		
	Splash	2009		
	Ertiga	2012		
Toyota	Avensis T250	2003	2009	✓
	Avensis T270	2009	2018	
	Corolla E120 / E130	2000	2006	✓
	Corolla E140 / E150	2006	2012	✓
	RAV4 XA20	2000	2005	✓
	RAV4 XA30	2005	2012	
	Yaris XP90	2005	2011	✓
	Yaris XP130 / XP150	2011	2019	
	4Runner N210	2002	2009	
	4Runner N280	2009	2019	
	Avanza F600	2003	2011	
	Estima/Previa XR30/XR40	2000	2006	
	Estima/Previa XR50	2006	2019	
	Land Cruiser J100	1998	2007	
	Land Cruiser J200	2007	2019	
	Prado J120	2002	2009	✓
	Prado J150	2009	2019	
	Matrix E130	2002	2008	
	Matrix E140	2008	2014	
	Auris E160	2006	2012	✓
	Vios XP40	2002	2007	
	Vios XP90	2007	2013	
	Sienna	2010	2019	✓
IQ (Aston Martin Signet) AJ10	2008	2015	✓	
Vauxhall / Opel	Astra		2004	✓
	Vectra		2004	✓
	Meriva	2003	2007	✓
	Zafira		2005	✓
	Vivaro	2002	2007	✓
	Corsa	2000	2006	✓
	Omega	2000	2004	✓