

APVFT12

Interface for Activation of Factory Rear-View Camera Input and Video in Motion



Application:

Fiat500/L/X/e 2013 - 2016
Fiat 500 Cabrio 2013 - 2016
Fiat 500 Abarth 2013 - 2016

**For Vehicles with Uconnect 5.0" or 8.4" Systems and Grey 52 Way
OEM Connector. For NTSC Cameras Only.**

APVFT12

Reverse Camera Add On Interface for Uconnect 5" or 8,4" system with 52 pin connector. Provides video input to connect a rear-view camera. Includes video in motion functionality. Add on camera interface designed to allow the addition of an aftermarket reverse camera to the OEM screen. Designed for vehicles with the grey 52 way connector, for NTSC camera only.

Prior to Installation

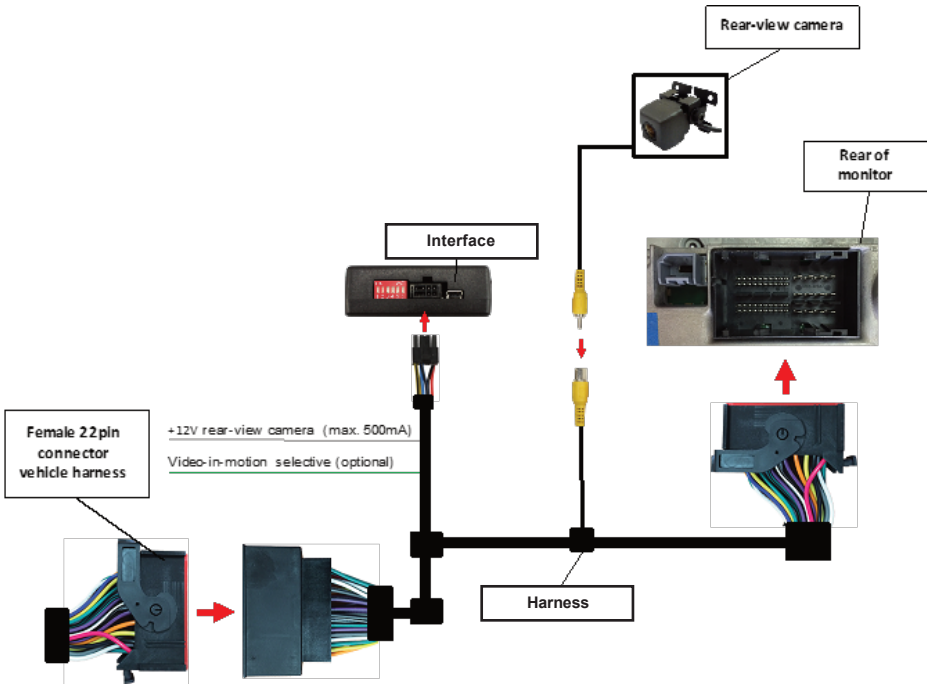
Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Please ensure you use the correct tools to avoid damage to the vehicle or product.

Aerpro can not be held responsible for the installation of this product.

Technical Support

If you need assistance setting up or using your Aerpro product now or in the future, call Aerpro Support Australia TEL: 03 – 8587 8898 FAX: 03 – 8587 8866 Mon-Fri 9am – 5pm AEST. If you would like to download a digital copy of this manual, or other Aerpro manuals/software, please visit the <http://aerpro.com> website.

Connection Diagram



Interface Dipswitches

Vehicle/ navigation	Dip 1	Dip 2	Dip 3	Dip 4	Dip 5	Dip 6
Video-in-motion permanent	ON	ON	OFF	OFF	OFF	OFF
Video-in-motion selective*	OFF	ON	OFF	OFF	OFF	OFF

* With Dip1 set to "OFF", the included green cable is used to activate the video-in-motion function.

Dipswitch Functions:

- Dip 1 – Activates video in motion
- Dip 2 – Rear-viewcamera coding
- Dip 3 – No function
- Dip 4 – No function
- Dip 5 – CAN-bus termination resistoron the vehicle side

PIN ASSIGNMENT/INSTALLATION

Interface Pin Configuration

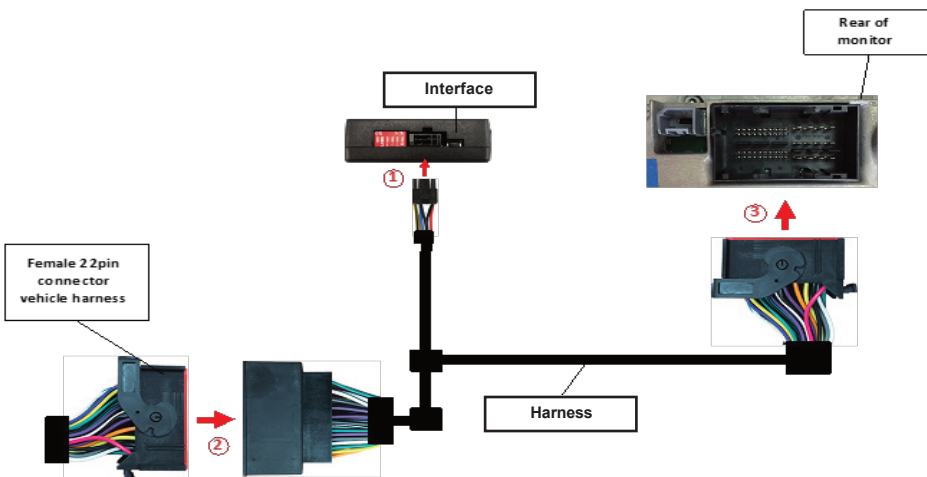
Cable Colour	Pin-No.	Assignment
Yellow	Pin 4	CAN-HIGH – connection to the head-unit
Blue	Pin 3	CAN-LOW – connection to the head-unit
Yellow/Black	Pin 8	CAN-HIGH – connection to the vehicle
Blue/Black	Pin 7	CAN-LOW – connection to the vehicle
Red	Pin 1	+12V Permanent
Black	Pin 5	Ground
Green	Pin 6	Activation of video-in-motion function (+12V = TV-free activated, only if Dip1=OFF)
White	Pin 2	Trigger output (+12V DC 500mA) (only if Dip2=ON and reverse gear engaged!)

Installation

NB: Before installation, switch off ignition, disconnect the vehicle battery and remove the vehicle's head unit.

The interface is installed behind the vehicle's head unit. The RCA connectors provide the factory aux signal and must remain connected.

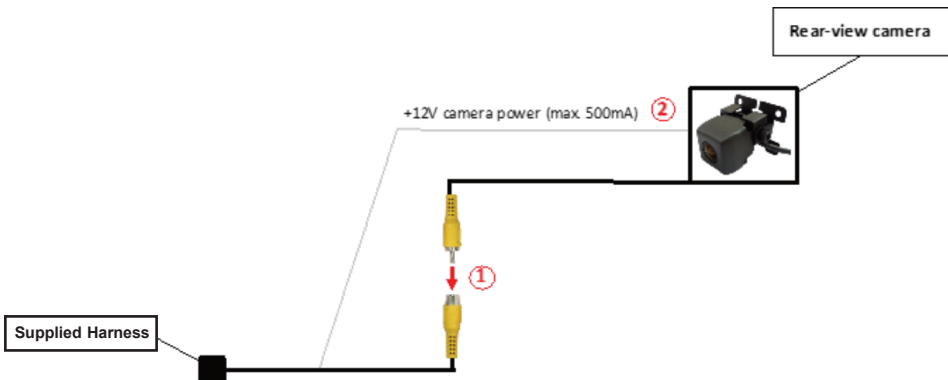
Connecting Interface, Harness and Factory Navigation Unit



INSTALLATION

1. Connect the female 8pin Molex connector of the harness to the male 8pin Molex connector of the interface.
2. Transfer the female 52pin connector of the vehicle harness from the rear of the head-unit into the male 52pin connector of the harness.
3. Plug the female 52pin connector of the harness into the male 52pin connector on the rear of the head-unit.

Connection to the Rear-View Camera



Connect the video RCA of the rear-view camera to the female RCA connector of the supplied harness.

Connect the white cable of the supplied harness to the camera power supply (+12V max 500mA). The white cable receives power when reverse gear is engaged.

Rear-View Camera Coding

1. Set DIP switch "2" to "OFF" position
2. Turn on ignition
3. Wait until the head-unit has booted up
4. Set DIP switch "2" to "ON" position
5. Reset the system to complete the coding operation

Activating the Rear View Camera

The rear-view camera will turn on automatically whenever the reverse gear is engaged.

Activating Video in Motion Functionality

The video-in-motion can be activated by Dipswitch 1 or alternatively through the use of the green cable (supplied)

Video-in-motion permanent

With Dip1 set to "ON", the video-in-motion function is activated

Video-in-motion selective

With Dip1 set to "OFF", the included green cable is used to activate the video-in-motion function.

Connect a switch to the green cable and connect the green cable to +12V ACC.

+12V = TV-Free is activated

0V = TV-Free is not activated

