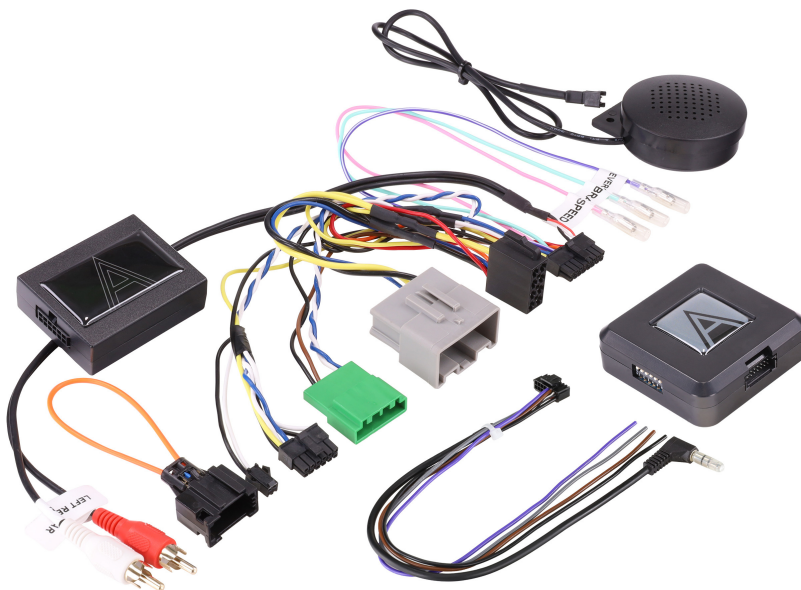


**STEERING WHEEL CONTROL INTERFACE
FOR LAND ROVER VEHICLES**
RETAINS THE FIBRE-OPTIC AMPLIFIED SYSTEM

SWLR10C



INSTALLATION GUIDE

The SWLR10C allows for the retention of the steering wheel controls as well as other vital features including the MOST Fibre-Optic amplified system when installing an aftermarket unit into the vehicle. This interface features selectable dipswitches for dedicated applications, simply refer to the provided table for the correct configuration ensuring seamless integration.

VEHICLE APPLICATION

LAND ROVER

Freelander II 2006-2014

Vehicles with MOST OEM Amplified System

Does not support date or time retention through the OEM system. OEM display is not supported. The Land Rover start logo is displayed.

KEY FEATURES

- RETAIN STEERING WHEEL CONTROL FUNCTIONALITY
- REPLACE FACTORY RADIO
- RETAINS THE MOST FIBRE-OPTIC AMPLIFIED SYSTEM
- OUTPUTS FOR PARK BRAKE, REVERSE, SPEED PULSE
- SOFTWARE UPDATEABLE

This harness allows for the retention of the steering wheel controls as well as other vital features when installing an aftermarket unit into a vehicle. This interface features selectable dipswitches for dedicated applications, simply refer to the provided table for the correct configuration ensuring seamless integration. Installation requires a certain level of technical knowledge. Prior to installation please read this manual in its entirety.

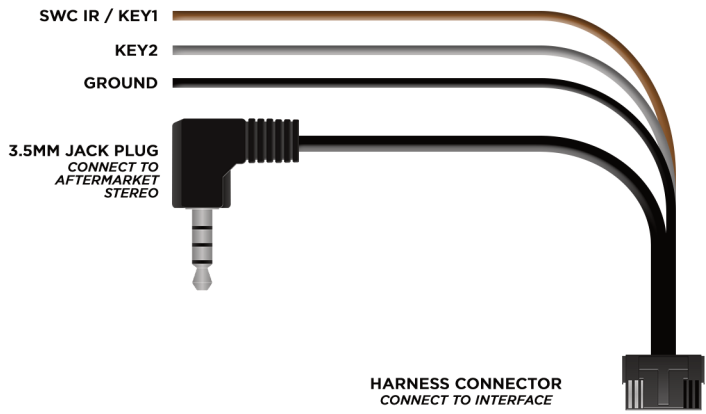
It is essential to use the correct tools during installation to prevent any damage to the vehicle or the product itself.

Please note that we cannot be held liable for any issues arising from improper installation.

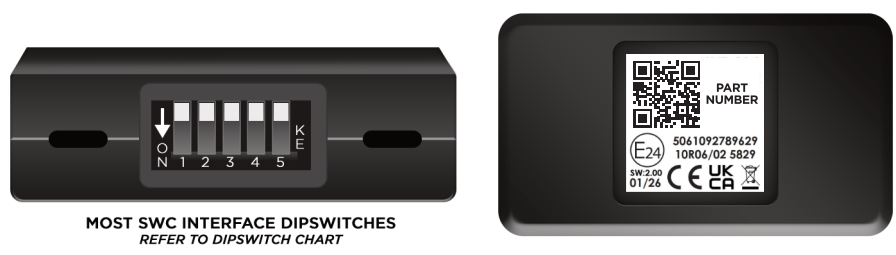
Before proceeding with installation, disconnect the negative battery terminal and ensure the key is removed from the ignition.

CONNECTION DIAGRAM

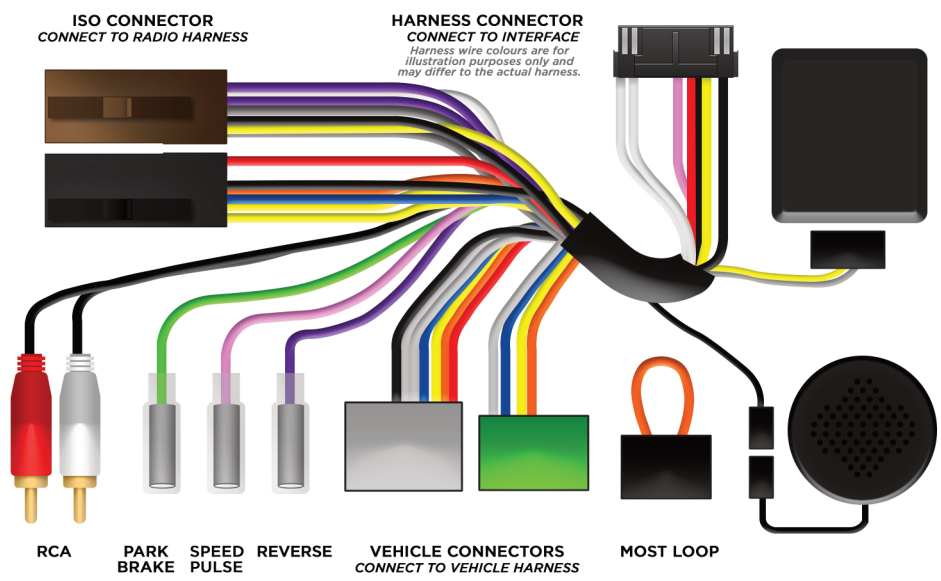
HEAD UNIT CONNECTION LEAD



MOST SWC INTERFACE



SWC VEHICLE HARNESS



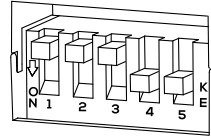
CONNECTION GUIDE

BEFORE INSTALLATION

Prior to installing the interface, it is essential to remove and disconnect the factory stereo. For guidance on this process, please refer to the vehicle owner's manual/handbook or seek assistance from a professional.

SETTING THE DIPSWITCHES

This interface includes a set of dipswitches. Consult the dipswitch selection guide to select the appropriate configuration. To activate a dipswitch, press it downward into the 'ON' position.



INSTALLATION

1. Take the interface, then connect the head unit connection lead and the steering wheel harness connectors to their respective ports.
2. Connect the head unit connection lead to the steering wheel remote input on the rear side of the aftermarket stereo. Connection methods vary based on the stereo brand, utilising either a 3.5mm jack connector or brown SWC IR wire .
For specific connection guidance, refer to your aftermarket stereo's installation manual if not clearly labelled on the stereo harness.
3. Connect the power/speaker ISO connector from the interface to the corresponding power/speaker ISO connection on the aftermarket stereo.
For aftermarket stereos lacking an ISO connector, refer to the "Wiring Key" on Page 2 for guidance on connecting wires. Certain interfaces may also include extra "flying" wires for additional functionalities such as parking brake trigger, reverse gear, and speed pulse. Further information on these wires is available in the "Flying Wire Wiring Key" section.
4. Connect the vehicle-specific connectors from the interface harness to the corresponding connectors on the vehicle harness.
5. Connect the flying wires on the harness to the rear of the stereo (if applicable).
6. Connect the antenna adapter to the vehicle's existing connection at the rear of the aftermarket stereo.
7. When installing an aftermarket reverse camera, connect the yellow RCA from the harness to the yellow RCA of the aftermarket camera. (If supported by the interface and vehicle)
8. When installing a DAB antenna, ensure to connect the DAB aerial connector to the rear of the new stereo.
9. After connecting all wires (along with any additional accessories), it's crucial to thoroughly test the stereo and steering wheel controls before reassembling the dashboard. If steering wheel controls are unresponsive, inspect connections and check dipswitch settings. Repeat the connection process if necessary, following the outlined steps.

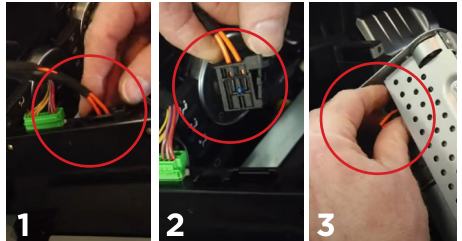
INSTALLING THE FIBRE-OPTIC LOOP

Unscrew the radio's front panel and disconnect both the MOST connector and the Green connector.

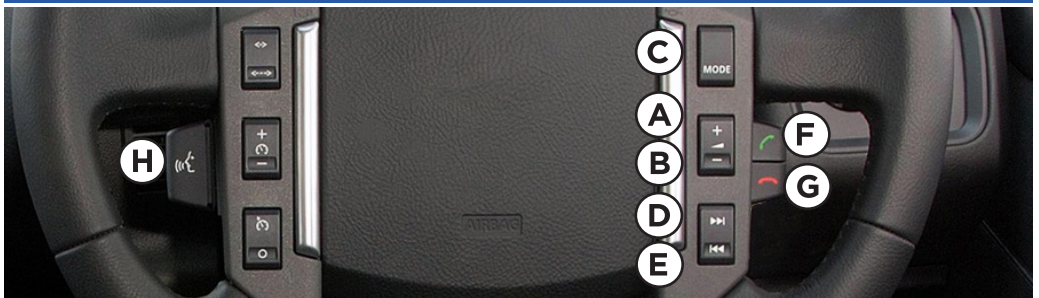
Install the MOST Loop - Connect the supplied MOST loop into the MOST connector from the back of the radio button panel as shown in **picture 2**.

With the panel removed, take out the silver radio box and disconnect the MOST connector along with the Grey vehicle connector.

This MOST connector (**Picture 3**) must be connected to the interface to complete the installation.



STEERING WHEEL CONTROL CONFIGURATION



- | | | |
|---------------|-----------------|-----------------|
| A Volume Up | D Track Up | G Phone Hang Up |
| B Volume Down | E Track Down | H Voice |
| C Mode | F Phone Pick Up | |

The provided diagram, while meticulously researched, serves as an example only. Actual steering wheel control configurations may vary dependant on each vehicle.

WIRING KEY

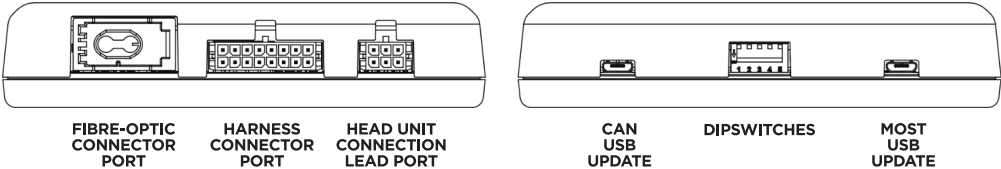
ISO CONNECTOR WIRING KEY	Purple	Right Rear Speaker +	Grey	Right Front Speaker +	Yellow	Permanent 12V
	Purple/Black	Right Rear Speaker -	Grey/Black	Right Front Speaker -	Black	Ground
	Green	Left Rear Speaker +	White	Left Front Speaker +	Red	Ignition 12V
	Green/Black	Left Rear Speaker -	White/Black	Left Front Speaker -	Orange	Illumination
FLYING WIRE WIRING KEY OUTPUTS & RATINGS	Pink	Speed Pulse - 0 to 12V Square Wave @ 1Hz/Kph	Purple/White	Reverse Gear - 250mA	Red/White	Acc 12V - 250mA
	Green	Park Brake	Orange	Illumination - 250mA	Yellow RCA	Camera
	Standby Current <3mA		Operating Voltage 6V to 16V		Operating Temperature -20C to 85C	
					*rated at 25 degrees Centigrade	

DIPSWITCH CONFIGURATION

Manufacturer	System	DIP Switch Settings					Connection
		1	2	3	4	5	
RESERVED	NA	OFF	OFF	OFF	OFF	OFF	SW UPDATE BOOT MODE
AERPRO	Analog	OFF	OFF	OFF	ON	OFF	MALE 3.5MM JACK
ALPINE	IR DATA	OFF	ON	OFF	OFF	OFF	MALE 3.5MM JACK
CLARION	IR DATA	ON	OFF	OFF	ON	OFF	MALE 3.5MM JACK
GRUNDIG	IR DATA	OFF	ON	OFF	ON	OFF	BROWN SWC IR
JVC	IR DATA	OFF	OFF	ON	OFF	OFF	BROWN SWC IR
KENWOOD 1	IR DATA	ON	OFF	OFF	OFF	OFF	BROWN SWC IR
KENWOOD 2	IR DATA	ON	ON	OFF	OFF	OFF	BROWN SWC IR
LG	Analog	OFF	OFF	ON	ON	OFF	MALE 3.5MM JACK
PHILIPS	IR DATA	OFF	ON	OFF	ON	OFF	BROWN SWC IR
PIONEER 1	Analog	OFF	OFF	OFF	ON	ON	MALE 3.5MM JACK
PIONEER 2	Analog	OFF	OFF	OFF	ON	OFF	MALE 3.5MM JACK
SONY	Analog	OFF	OFF	ON	ON	OFF	MALE 3.5MM JACK
ZENEC	IR DATA	ON	ON	OFF	ON	OFF	BROWN SWC IR
KEY1 / KEY2	Analog	OFF	OFF	OFF	ON	ON	KEY1 / KEY2 WIRE
ANALOG SINGLE WIRE	Analog	ON	ON	ON	ON	OFF	BROWN SWC IR / KEY1

PLEASE NOTE: The dipswitch settings for the MOST SWC interfaces differ from those for the SWC interface range. Please refer to the appropriate dipswitch table in the instruction guides for accurate configuration.

SWC MOST INTERFACE



SOFTWARE UPDATE

The interface software can be updated using the two micro USB ports on the device. These ports serve specific purposes: one is dedicated to updating the MOST software, while the other is for updating the CAN Bus software. By connecting to these ports, users can ensure their interface remains up-to-date, maintaining optimal performance and compatibility with their vehicle's systems.

Software update instructions can be found in a separate guide on our website.

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 8889** 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.