INSTALLATION GUIDE

The 42XMC008-0 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

MERCEDES-BENZ

A-class (C169/W169)	2004 - 2012
B-class (T245)	2005 - 2011
C-class (CL203/S203/W203)	2004 - 2007
E-Class (W211) *	2003 - 2009
M-class (W164)	2005 - 2011
R-class (W251)	2005 - 2010
CLK-class (W209)	2005 - 2010
GL-class (X164)	2006 - 2012
ML (W164)	2005 - 2011

Vehicles with Audio 20, Audio 50 APS Comand NTG2 / NTG2.5 OEM Sat Nav systems. Vehicles with MOST OEM amplified systems.

Note: The new stereo must have RCA audio out connectors
Vehicles without OEM navigation

KEY FEATURES

• RETAIN STEERING WHEEL CONTROL FUNCTIONALITY

• REPLACE FACTORY RADIO

• RETAINS THE MOST FIBRE-OPTIC AMPLIFIED SYSTEM

• OUTPUTS FOR PARK BRAKE, REVERSE, SPEED PULSE
  ACC 12V & ILLUMINATION

• SOFTWARE UPDATEABLE

PRIOR TO INSTALLATION

Installation requires a certain level of technical knowledge. Prior to installation, it is important to read the manual. Select a location for installation that is dry and free from heat sources. 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.
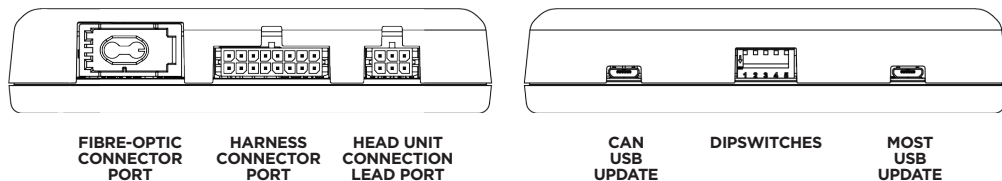
WIRING KEY

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

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

FIBRE-OPTIC CONNECTOR PORT	HARNESS CONNECTOR PORT	HEAD UNIT CONNECTION LEAD PORT	CAN USB UPDATE	DIPSWITCHES	MOST USB UPDATE

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.

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.
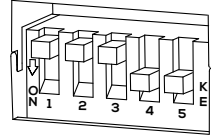
INSTALLATION
1. Take the interface, then connect the head unit connection lead and the steering wheel harness connectors to their respective ports.

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 (iff 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 CABLE
To adapt to the MOST interface, you must remove the original fibre-optic connection.

1. Place the amplifier interface into the black connector housing provided with this kit and snap it into place. (Image A)

2. From the original fibre-optic connector: Using a pick tool, carefully pull the tab toward the outer edge of the connector housing. Gently remove the grey fibre-optic insert from the connector. (Image B)

3. From the MOST interface: Push the tab toward the grey dust cover. Using needle-nose pliers, remove the grey dust cover. Insert the factory fibre-optic cables into the MOST interface's black connector housing in place of the grey connector. (Image C)
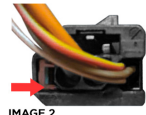
IMAGE 1

IMAGE 2

IMAGE 3

STEERING WHEEL CONTROL CONFIGURATION

A Volume Up **D** Track Down **G** Source
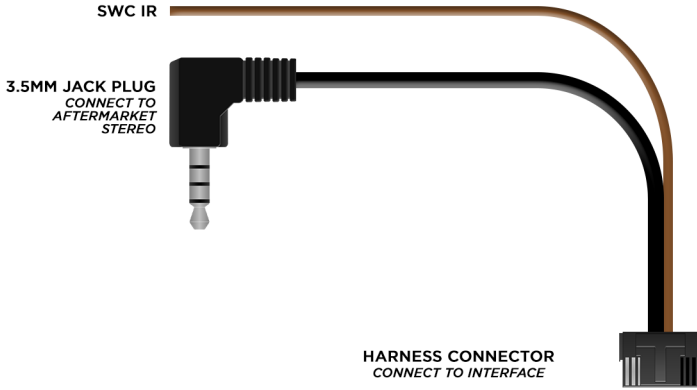**B** Volume Down **E** Phone Pick Up
C Track Up **F** Phone Hang Up

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

CONNECTION DIAGRAM

HEAD UNIT CONNECTION LEAD

SWC IR

3.5MM JACK PLUG
*CONNECT TO
AFTERMARKET
STEREO*

HARNESS CONNECTOR
CONNECT TO INTERFACE

MOST SWC INTERFACE

MOST SWC INTERFACE DIPSWITCHES
REFER TO DIPSWITCH CHART

ON 1 2 3 4 5 KE

SWC VEHICLE HARNESS

ISO CONNECTOR
CONNECT TO RADIO HARNESS

HARNESS CONNECTOR
CONNECT TO INTERFACE

*Harness wire colours are for
illustration purposes only and
may differ to the actual harness.*

RCA

REVERSE

**SPEED
PULSE**

**PARK
BRAKE**

VEHICLE CONNECTORS
CONNECT TO VEHICLE HARNESS