

MFD Plug and Play wiring harness.

The advantages of this plug and play harness:

This plug and play adapter contains all you need to install your MFD into your VAG car (*). It provides a pass through ISO connector that simply plugs in series between your cars existing wiring loom and your new MFD, providing all the necessary connections. In summary the loom provides:

- A solder less plug and play installation
- Leaves your cars OEM wiring loom in tact, allowing for easy and clean removal of the wiring should you wish
- High quality components, including REF 16 thinwall 16amp cable, genuine VAG group parts (26 pin connector and yellow repair wires)
- Each wires is hand crimped and soldered for the highest quality joint
- SAFE pin wire loop, providing 12v to the SAFE pin, missing in some VAG cars, which locks the MFD
- Each cable is tested and guaranteed (**)
- Full English installation instructions
- GALA video switch, allowing the viewing of video on the move for passengers only (***)
- OEM 26 pin connection proving the necessary MFD feeds. This is expandable for future use, should you wish to add OEM tv tuner etc.

Before Installation:

This wiring harness is designed to VAG group cars which have standard ISO connectors for power in their wiring loom. The Connections are detailed below, please check your car carefully before installing this adapter to ensure that the correct wires are in place and are as marked on the diagram. We accept no responsibility for fitment of this harness in a car that does not have the detailed connections.

Connections:

The iso connection contain the following pin outs, please ensure these match the iso wiring loom you will be connecting to when installing in your car:

Female ISO – plugs into your cars existing ISO loom

Looking at the rear of the female ISO connector (with the cutout on the lower right hand side) you should see eight holes, 6 of which have wires coming out of them the following grid details these wires and there purpose.

Pin 1 Orange and Yellow wire +12v power	Pin 3 Not used	Pin 5 Yellow Wire K wire	Pin 7 Yellow and Black/Red wires Gala
Pin 2 Brown Wire Ground/Earth	Pin 4 Blue Wire Illumination	Pin 6 Red Wire Continuous +12v	Pin 8 Not Used

Pin 3 is not used, as a jumper wire is used in the male connector to provide 12v to the SAFE pin on the Navi

Pin 8 is not used as a purple wire is provided on the male connector to allow Telephone mute functionality.

The thin yellow wires in Pin 1 and Pin 7 provide power and Gala signals to the 26 pin OEM connector.

Pin 7 also provides a switched GALA feed into the Navi, if the switch is deactivated the GALA signal will not be sent to the Navi and thus speed variable volume functionality will not work and your passengers will be able to watch video sources on the move, as the Navi cuts out any video sources when the car is moving, and it uses the GALA signal on Pin 7 to do this.

Male ISO Connector – plugs into the Navi Slot 1

Looking at the rear of the male ISO connector with the receptor on the right hand side.

Pin 1 Brown Ground/Earth	Pin 3 Blue wire Illumination	Pin 5 Red wire Permanent +12v	Pin 7 Purple wire Telephone mute
Pin 2 Orange/Black +12v	Pin 4 Black Wire SAFE Pin	Pin 6 Yellow Wire K Bus	Pin 8 Black/Red Switched GALA

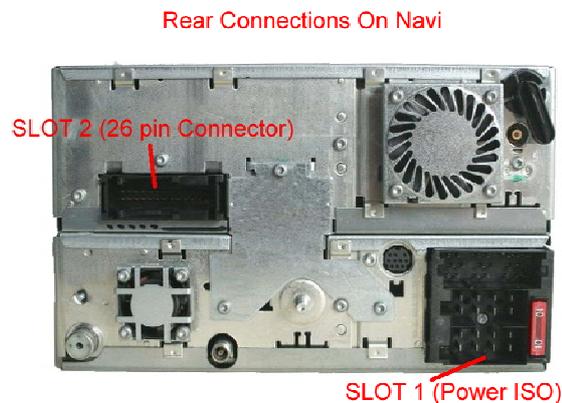
The black wire loop between Pins 2 and 4 provides 12v to the SAFE pin which the navi requires and is not present in some VAG car wiring looms, hence the loop here rather than a simple feed from the female connector.

The purple wire on Pin 7 is for use with mobile phone cars kits and allows the Navi to be muted, please see your telephone kit for instructions.

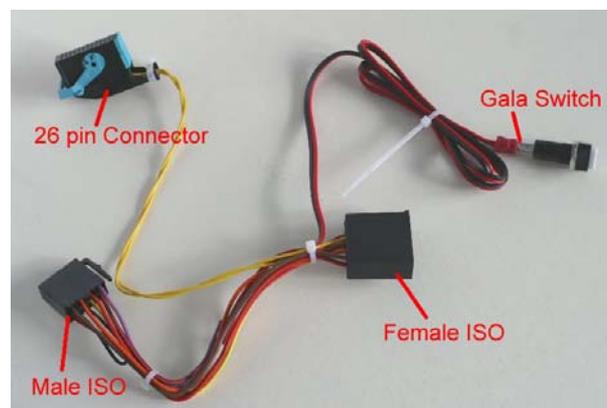
Pin 8 is fed from the switch to allow GALA to be turned on and off as detailed above.

Installation:

Rear of Navi:



Your Plug and play wiring loom:



1. Check the connections as above (in your cars male ISO connector)
2. Remove the battery from the car, for safety reasons, ensuring you have your MFDs security code before doing so, remove the MFD if already in place, or remove your old head unit
3. Plug the female end of the ISO connector into your cars MALE ISO connector
4. Plug the male end of the ISO connector into **SLOT 1** of the MFD as indicated.
5. Plug the 26 pin connector into **SLOT 2** of the MFD
6. Install the Gala switch into your required location (glove box is normally used)
7. Ensure all cables are safe and will not get trapped, and are not against anything sharp which may cut or graze them.
8. Connect the Radio, GPS aerials as appropriate
9. Slide the MFD back into play ensuring step 7. We cannot be held responsible for any issue caused by either direct or indirect cable placement within your vehicle
10. Reconnect the battery power
11. Power up the Navi and test.