



EMERALD INTEGRATIONS

Model: AUDI-AMI

OEM Integrated Interface Module Audi AMI / INT MMI



Warning / Caution



Warning

- When installing the main unit, do not remove or alter existing vehicle fasteners, including nuts, bolts, screw, clips, and fittings. Never detach, move or alter existing vehicle wiring, including electrical grounds and straps. Alteration of existing vehicle components may make vehicle unsafe to operate. Should be no any electronic devices or magnetic pole around installation place.
- Air bags are vital part of a safety system. Never install main unit in a way which will alter air bag wiring or interfere with air bag deployment. Air bags must function properly in the event of an accident.
- Before installing, check the location of pipe, tank, electrical cables and others.
- Read and follow the instruction manual.
- Wiring location must not interfere driving, get in or out from car.
- Use electrical tape to insulate the ends of all wires, even if they are not used. Proper insulation prevents arcs, shocks and fires.
- When installation is complete, test all vehicle electrical systems to ensure they operate correctly, including lights, horn, brake lights, and emergency flashers.
- According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.



Caution

- All steps of installation should be done by well-trained specialist.
- During installation ignition key should be taken off and after all installation finish connect power cable with interface for the last step.
- Do not install the main unit in places where it may be exposed to dew condensation (around the air conditioning hose, etc), or in locations where it may come in contact with water, high levels of moisture, dust or oily smoke
- Install wiring in a manner in which cables will not come in contact with metal parts. The wiring may be damaged by contact with metal parts, resulting in fire and shocks. Avoid all contact with hot surfaces when wiring the main unit. High temperatures may damage wiring, causing shorts, arcing and fires.
- Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer.

Installation Manual of Camera Interface for AD-AMI

Compatible car models:

2009-2016 A4/A5/Q5 non-MMI without navigation. (Audi Symphony /Concert)

Procedure (Take the Audi A4 as an example)

Caution: During installation, please power off all devices and make sure the original vehicle components are well protected in case of damage

1. Disassemble the dash with trim removing tools.



2. Unplug the power cable of the emergency flasher and the plug of air conditioner sensor on the left.

Remove the 4 screws from the screen



3. Unplug the LVDS cable in the monitor and connect it to our AMI interface.

Pry off the air conditioning panel, install the CANBUS cable of AMI interface.



4. After installation, connect our camera and test by going into reverse.
Make sure to turn the steering wheel to confirm the parking lines are Dynamic



DIP switches

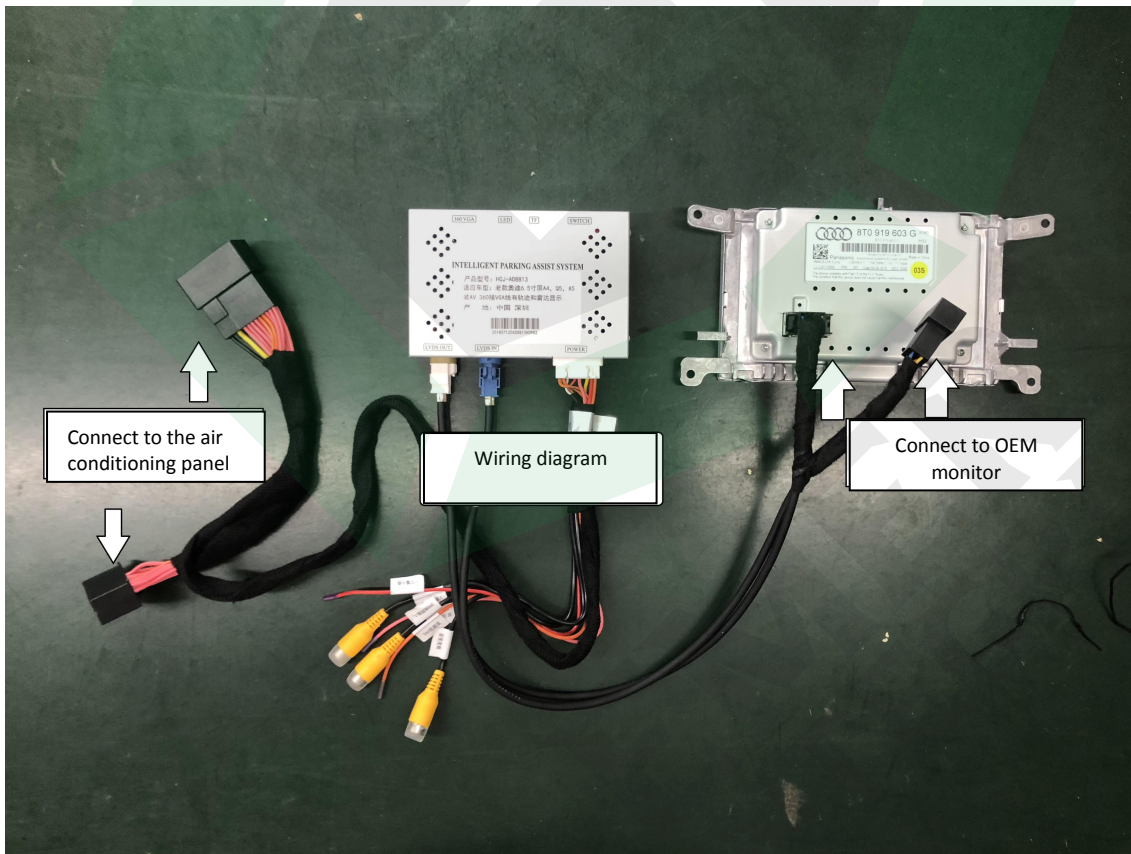
ON = DOWN
OFF = UP

Car model	1	2	3
09-16 A4 / A5 / Q5	OFF	ON	OFF
13-16 A6 / A7 / A8	OFF	OFF	OFF
13-16 Q7	ON	OFF	OFF
10-12 A6 / Q7	OFF	OFF	ON
12-18 Q3 / A1 (high-configure)	OFF	ON	ON
12-18 Q3 / A1 (low-configure)	ON	ON	ON
Touareg 8" screen	ON	OFF	ON

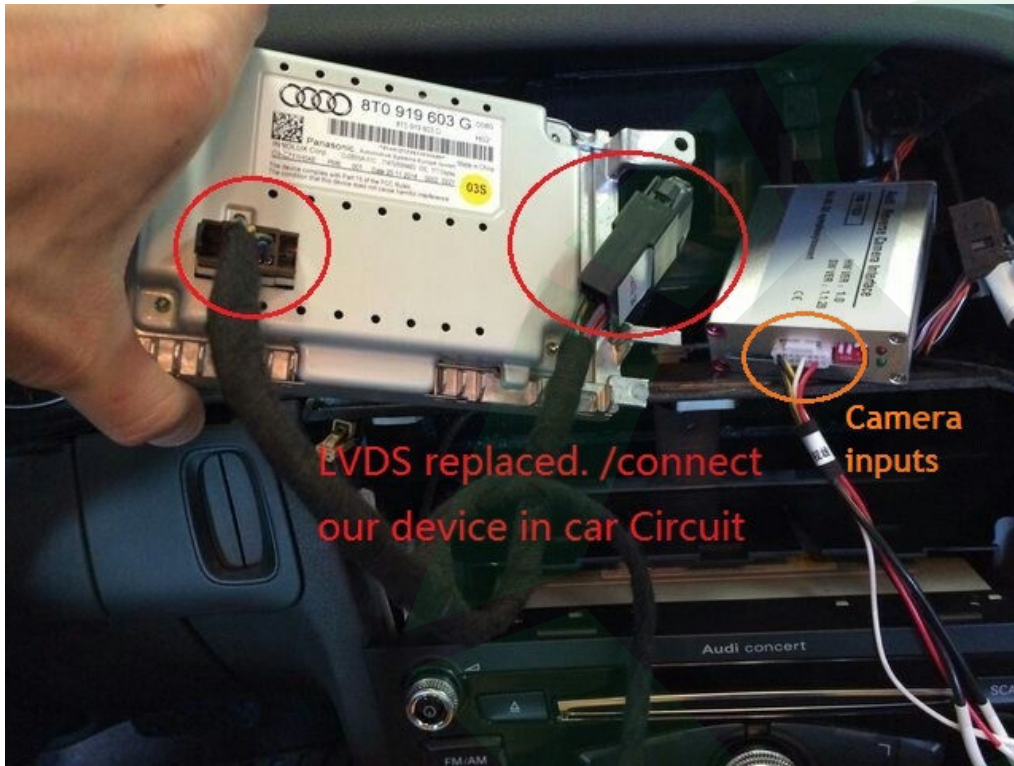
4	ON	PDC OFF
	OFF	PDC ON
5	ON	FPG OFF
	OFF	FPG ON
7	ON	front view ON
	OFF	front view OFF

Please make sure to DISCONNECT the POWER on the interface whenever changing a DIP setting to save the new DIP configuration.

Wiring diagram



LVDS Connection:



NOTE: If the RED LED is blinking, it's indicating that the device is working with the CANBUS communication correctly.

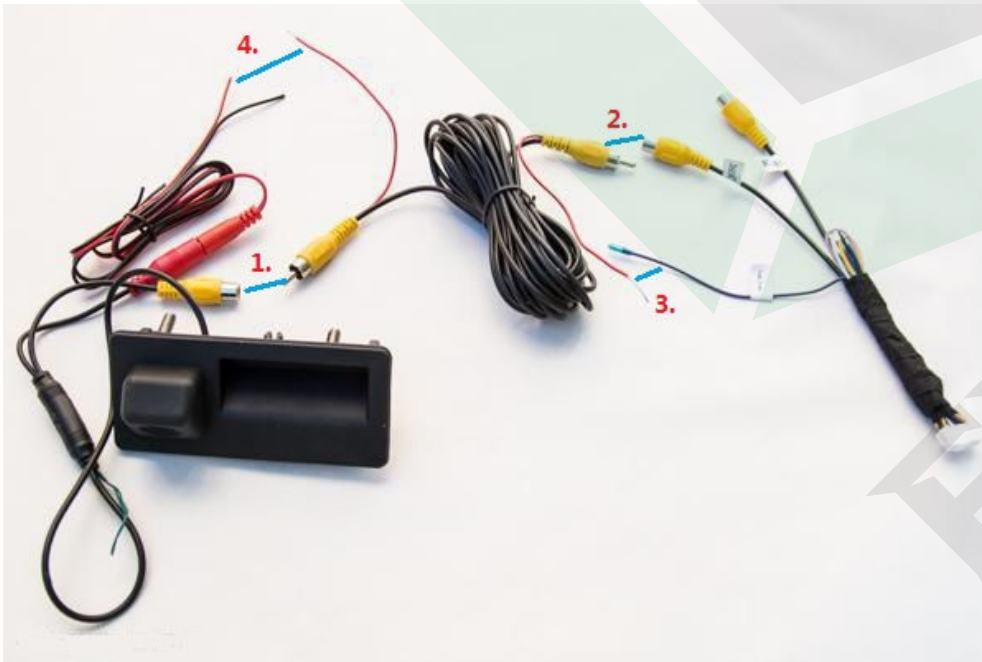
Climate Controller for CANBUS connection & ACC power connection:



Camera Installation:

1. Remove the trunk liner to run the cameras RCA cable and access the tailgate latch.
2. Replace the trunk handle with our tailgate handle camera that has our built in Sony CCD HD camera.
3. At the trunk end, connect the RCA cable and DC cable to the cameras Power Harness.
4. Run the RCA extension cable through the trim and into the glove box.
5. Connect the RCA cable to the REAR CAM IN female RCA on the module.

6. Connect the RCA's **RED** camera power lead to the **RED** lead labeled **DVR ACC**. This will give the camera a constant 12V which is designed to be on as long as the vehicle is on for a quick and live camera image. It's best to tie off any free hanging **RED** and **BLACK** leads coming from the camera power harness to avoid any static interference if we aren't using them for a camera power source.



Customer Service

At Emerald we want to make sure that you are completely satisfied, therefore we have assembled qualified associates to assist you. Our normal operating hours are Monday - Friday 10:00 AM - 4:00 PM (Pacific Standard Time).

Call us Toll Free: **844-333-3903**

Email us: support@emeraldintegrations.com

Returns

30-Day Money-Back Guarantee

At Emerald Integrations, we want to make sure that you are completely satisfied. If for some reason you aren't happy with an item on your order and want to return it, we make returns and refunds extremely simple.

Any complete, like-new item returned within 30-days can be returned for a full refund less the original cost of shipping. All items or packages shipped free of charge will be subject to a \$15.00 shipping fee. If returned items are not in like-new condition, then Emerald Integrations may refuse a return or charge a restocking fee of 10% - 20%. Items not in like-new condition include, but are not limited to: items missing original item packaging, opened software or media items, used items, installed items, abused or physically damaged items, items missing parts, items damaged due to improper return shipping, items with a different serial number or defaced serial number, pre-cut wire, made-to-order items and special order items. All returns must be shipped back in a shipping carton, items cannot be shipped back in product boxes. Should you have any questions about our return procedure, please don't hesitate to contact us.

Return Disclaimer

Any unauthorized, improperly packaged, or non-insured packages will be returned to sender. Items that show signs of wear or have been, scratched, altered, or damaged in any way cannot be accepted for return

Warranty

Emerald Integrations understands that there are minor chances that electronics can fail and defects happen, in the event that this occurs, Emerald Integrations is here to help you quickly resolve your defect for a full year of 1-Year Warranty Coverage. Unlike others who push you to a manufacturer service center that can be slow and unresponsive, we're here to help with the repair or replacement you need. To begin the process, follow the instructions on the returns page at www.emeraldintegrations.com/returns.

The terms of the warranty are subject to the specific manufacturer and all expressed and implied warranties are provided solely by the manufacturer. Every item approved for a warranty claim is inspected by our team of qualified experts and professionally tested.

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