# **Instruction Manual**

### 27-834

Wireless CarPlay/Android Auto Integration for Audi A8 MMI

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# **△Warning**:

- In order to protect the driving safety and avoid break the traffic law; please DO NOT operate the interface while driving.
- The reversing surveillance function just is used in reversing assistance. Please check the entire surroundings while reversing.
- All steps of installation should be done by the well-trained specialist.
- During installation, the ignition key should be taken off and after all installation finished, connect power cable last.
- Please DO NOT plug or pull the connected cables in the state of power-on, in order to avoid damaged monitor or accessory.
- 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.
- Please DO NOT put the product in the damp environment or water, in order to avoid electric shock, damaged and fire accident caused by a short circuit.
- Kindly check all components are in the box when receiving the product. If anything missing, inform to the supplier/manufacturer.
- Start the engine before loading, check the interface whether have function displayed, key control whether correct, the vehicle

interface whether having a scratch. Please give the feedback to the supplier/manufacturer if there have any questions.

- Please note that put the disassembled automotive components in a good way on the installation process, avoid scratching the instrument panel, the leftovers of connecting cables need to handle and DO NOT leave it in the car. The connecting plug must be insulated in order to short circuit.
- The cables should be connected in a good way; the vehicle installation space is a little small, so reduce space usage as far as possible. There should be a good plan about connect cables, avoid affecting the active component of connecting, such as control components of turning the steering wheel, throttle and brake pedal. There need to be fastened after connecting cables in case of a drop.

# **Compatibility:**

| Brands | Model | Years     | Original System  |
|--------|-------|-----------|--|
|        |       |           | Select vehicles with MMI Systems<br>7 inch monitor<br>4 Pin LVDS connector |
| Audi   | A8    | 2012-2017 |  |
|        |       |           |  |

**NOTE!** This interface does NOT fit vehicles with 8.3 inch factory screen.



### **Features:**

- Support wireless & wired Apple CarPlay, wireless & wired Android Auto, AirPlay mirroring
- USB HD video and lossless music playback (APE, WAV, FLAC, MP3, WMA, etc.)
- Offer 2 CVBS video input (front & rear view camera)
- Support PDC (Parking Distance Control) and FPG (Flexible Parking Guidelines)
- Display front view automatically after shifting from R gear, also support setting the duration
- Integrated DSP module offers high quality audio effect
- Operate by OEM knob controller & steering wheel buttons
- Support OEM microphone
- Further software update via USB port



## **Package Components:**





## How to connect an external MIC (optional):



Connect the external microphone to pinout **MIC+** and **MIC-** of OEM quadlock connector.

**NOTE!** Ignore this page if your car integrates original microphone.



# **DIP Setting:**

|     | DIP |     |     |     |     |  |   | DI | Ρ                                  | ON                                    | OFF                               |                           |                        |
|-----|-----|-----|-----|-----|-----|--|---|----|------------------------------------|---------------------------------------|-----------------------------------|---------------------------|------------------------|
| 1   | 2   | 3   | 4   | 5   | 6   | Selection of car model                             | Model   | 7  | ,                                  | Car without " <b>PARK</b> "<br>button | Car with " <b>PARK"</b><br>button |                           |                        |
| ON  | ON  | OFF | OFF | ON  | ON  | 2013-2016 A3 (5.8 inch)                            |   | 8  | ;                                  | External microphone                   | OEM microphone                    |                           |                        |
| ON  | ON  | OFF | ON  | ON  | OFF | 2017- A3 (5.8 inch)                                |   |    |                                    |                                       |                                   |                           |                        |
| ON  | ON  | ON  | OFF | OFF | ON  | 2013-2016 A3 (7 inch)                              |   |    |                                    |                                       |                                   |                           |                        |
| ON  | ON  | ON  | OFF | OFF | OFF | 2017- A3 (7 inch)                                  | AD320C-B9                                       |    | Factory test DIP setting (No.1~6): |                                       |                                   |                           |                        |
| ON  | ON  | OFF | ON  | OFF | OFF | 2016- A4/S4/A5/S5 (7 inch);<br>2018- Q5 (7 inch)   |   |    |                                    | N                                     | IOTE                              | Please reboot the interfa | ce for effective after |
| ON  | ON  | ON  | OFF | ON  | ON  | 2016-2018 Q7 (7 inch)                              |   |    |                                    |                                       |                                   |                           |                        |
| OFF | OFF | OFF | OFF | OFF | OFF | 2013-2017 Q5 (MMI);<br>2012-2015 A4/A5/A6/A7 (MMI) | AD320C-Q5U;<br>(AD320C-A6 for<br>2012-15 A6/A7) |    |                                    | OFF                                   |                                   |                           |                        |
| OFF | OFF | OFF | ON  | ON  | ON  | 2010-2012 Q5 (MMI);<br>2010-2011 A4/A5 (MMI)       |   |    |                                    | ON 0N 1 2 3 4                         | 5 6 7 8                           |                           |                        |
| OFF | OFF | ON  | ON  | OFF | ON  | 2010-2011 A6 (C6)                                  | 402200 07                                       |    |                                    |                                       |                                   |                           |                        |
| OFF | OFF | OFF | OFF | ON  | OFF | 2010-2015 Q7                                       | AD320C-Q7                                       |    |                                    |                                       |                                   |                           |                        |
| OFF | OFF | ON  | ON  | ON  | ON  | 2016-2018 A6/A7                                    | AD320C-A7C                                      |    |                                    |                                       | DFF T                             |                           |                        |
| OFF | OFF | ON  | ON  | OFF | OFF | 2014-2018 Q3                                       | AD320C-Q3S                                      |    |                                    | _                                     |                                   |                           |                        |
| OFF | OFF | OFF | OFF | OFF | ON  | A8   | AD320C-A8                                       |    |                                    |                                       |                                   |                           |                        |
| OFF | OFF | OFF | ON  | OFF | ON  | Without MMI: 2009-2015 A4/A5/Q5                    | AD320C-SYM                                      |    |                                    |                                       |                                   |                           |                        |

# **Operation Instruction:**

• How to switch from Original to Add-on interface





**NOTE!** Make sure switch to "AUX" mode on original car stereo for audio transmission before using the CarPlay integration.



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NOTE! If a car without AUX jack but with AMI, please plug in an AMI cable to factory AMI port, and do not connect anything with another side of the cable.

#### • Add on module UI





#### • How to connect wireless Apple CarPlay

#### • How to disconnect wireless Apple CarPlay



### • CarPlay Operation





Long press 3S to activate Siri

### • Android Auto Operation





