

# Instructions for AUDI Multimedia Interface

## 1. Attentions before installation

## 2. Functions

## 4. Accessories and interface definition

## 5. Connection instruction

## 6. Operation instruction

## 7. Process of opening car

### **Safety instructions:**

#### **Electrical safety;**

1. Please turn off the power of keys before install automotive electronic components to avoid any damage to car electronics due to various of reasons, such as short circuit;
2. Connect the power cord after completing all other wires and fixed equipment, when install an electronic device.
3. The process of electricity outage must be as short as possible, and ensure the safety of car battery;
4. Please turn to professional and technical service staff or distributor if products breakdown;

#### **Operational safety;**

1. Please read the manual before installing and operating;
2. Wiring properly to reduce interference when install the product; fix the product firmly to prevent accident and any abnormal sound. ;
3. Please install microphone and GPS antenna at a suitable location and avoid place them on the components which marked with "AIRBAG " to avoid hinder airbags pop when traffic accident happen, and avoid the microphone damage to passengers due to airbags pop;

4. Please use the touch pen in the product packing when touch screen. Prohibit use sharp objects to touch screen to prevent damage touch-screen surface;

#### **Driving safety;**

1. Please set the navigation route before driving, and drive mustn't operate navigation when drive;
2. Don't check and operate the system during drive to prevent navigation and entertainment system distract driver ,then lead to serious accident;
3. There may be some difference between navigation electronic map data and the actual traffic signs .You should be sure to follow the road situation, signs and other traffic rules;

**The product design for work under 12V .Adopt negative pole connect to ground .**

#### **Functions.**





- 3.1 Applied to : 2005-209 Audi A6L/A8/Q7 with original LED
- 3.2 Support external video input ,touch navigation, mirror link( Android mobile ).
- 3.3 Switch mode: Original MMI system NAVI switch mode
- 3.4 Full-digital circuit, LVDS signal processing, realize HD picture ;
- 3.5 Independent speaker for navigation. If there is AMI connector in original car. Input all voice into the original car audio system! Achieve perfect sound ;
- 3.6 Support trajectory reversing, front view video function, 360 Panorama optional , true realize parking without blind area ;
- 3.7 It's convenient for drivers and passengers to enjoy different entertainment programs since the foreground-background work independently .
- 3.8 External RGB input (800X480/480X234 optional) . Android navigation system and mobile connection for option;
- 3.9 Full pull-in installation , realize nondestructive installation;

## **4. Product accessories**

### **4.1 Product accessories**

Please check the accessories as following after you received the product. If there is

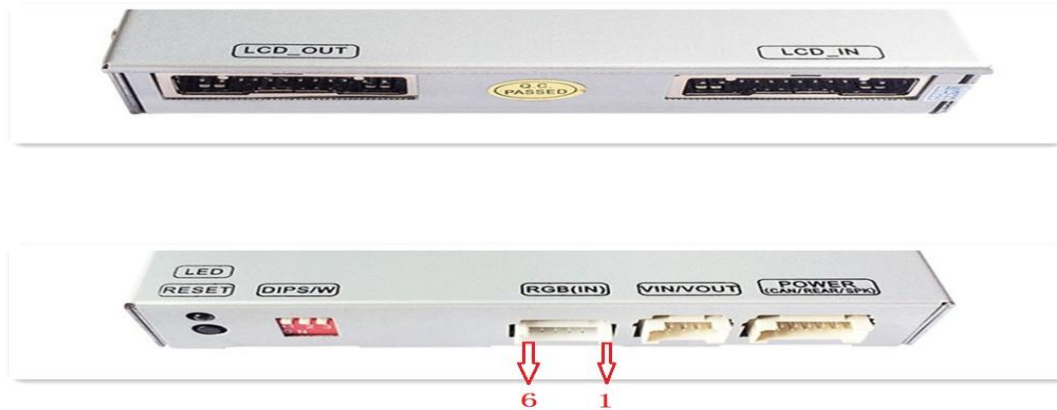
something miss, please contact us or your supplier as soon as quickly .

Name	pictures	quantity
Interface		1
Power cable		1
LVDS input wire		1
A/V connecting wire		1
Certification		
Product specification		

## 4.2 Functions and definition of connectors




### 4.2.1 Definition of connectors




**4.2.1.1: LED:** Power line for interface box. It's normal when blue LED flashes.

**4.2.1.2: RESET:** The system reset button for interface box .

**4.2.1.3: DIP switch setting:**

	Up: OFF	Down: ON
	SW1: Normal working mode	Enter the factory Settings mode
	SW2: RGB (800*480)	RGB (480*234)
	SW3: NC	NC

**4.2.1.4: RGB IN:**

	Setting	Definition
	1	R (Red)
	2	G (Green)
	3	B (Blue)
	4	SYN (Synchronization)
	5	GND (Ground)
	6	NC (Empty)

**4.2.1.5:VIDEO-IN/OUT:**

Video input : One for DVD video input.

The other one CMMB video input.

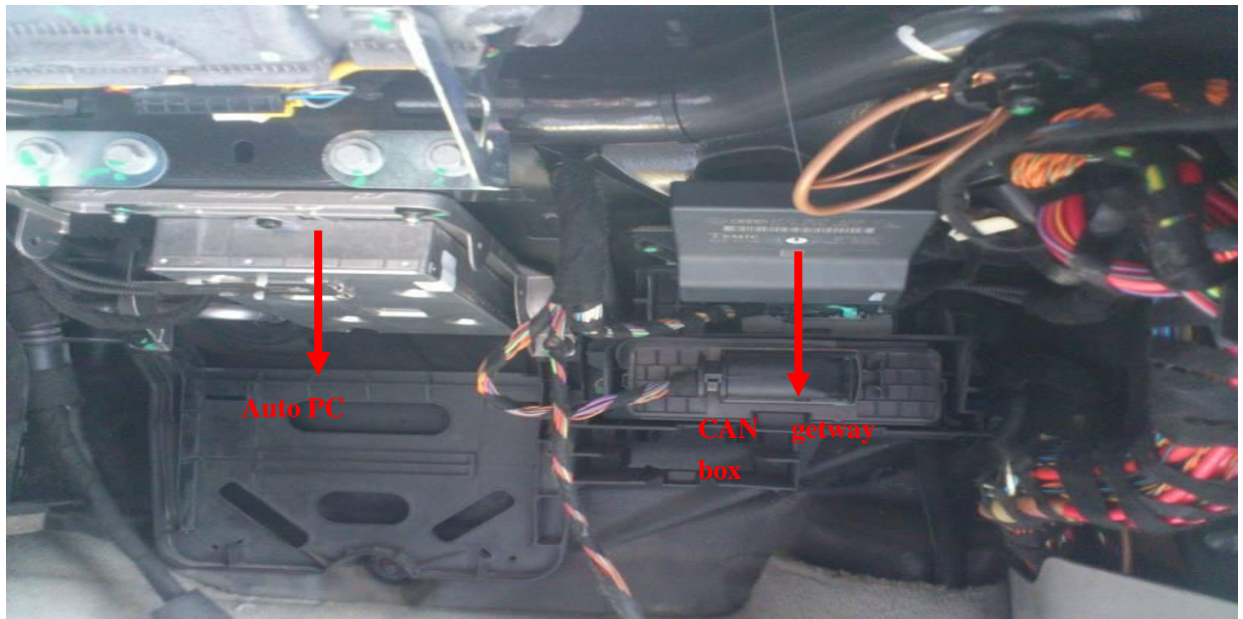
Video output : Two ways for video output, can be connect to car headrest monitor.

**4.2.1.6: Power cable:**

The power supply for safety power supply, configure the overcurrent protector and filters for hysteresis effect which can attenuation and smoothing the pulse signal that helpful to the stability of the image quality.The following is description about the use, arrangement and definition of above cables :

- (1). Coarse red power cable connect to ACC : control the voltage between v 8 to 16 v, it is best to 12 v voltage input;
- (2). The black cable connect to ground;
- (4). The orange cable is the reversing test cable. It is used to install 360 . Install trajectory induction without this line .

- (5) The purple wire is TV ACC connecting wire;
- (6) The green wire is ACC connecting line for DVD player;
- (7) The brown is button switch line ;
- (8) The red short line is the power supply line for rear/front view camera.
- (9) The white line is MMI original button mode switching line. This line should be connect to NO.16 mode on 20P plug of auto PC .
- (10) Transparent white line is CAN-H connect to 5 or 6 (as bellow)
- (11) Transparent green line is CAN-L connect to 15 or 19 (as bellow)

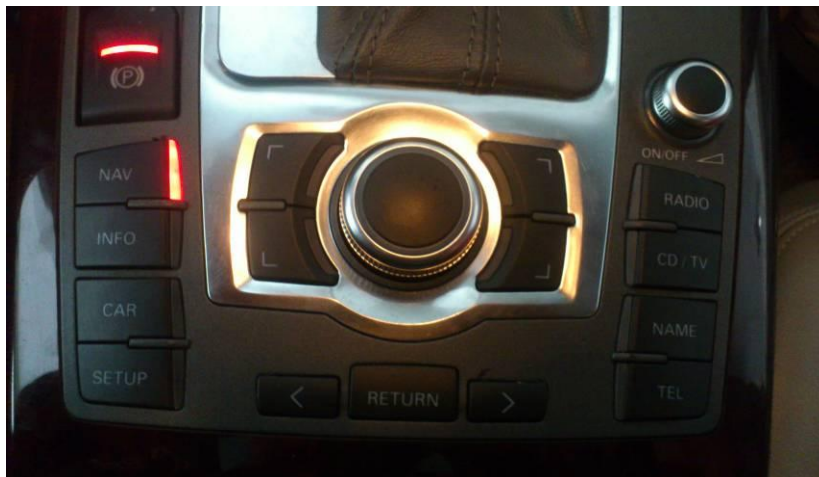


4.2.1.7: LCD OUT: Pull out the LCD line on auto PC , then connect to this port.

4.2.1.8: LCD IN: One end of the LCD connecting line which attach with our product connect to this port , the other end link back to the auto PC.

## 5. Product wiring diagram

## 6. Instructions of product features

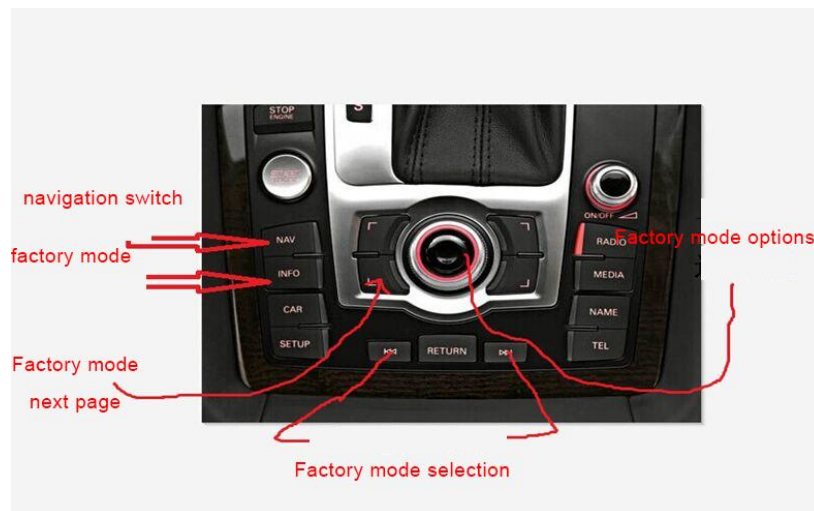




**Warm prompt:** It is necessary to set up all installed equipment after installation .These Settings should be once set up . We suggest that users shouldn't modify them. Come into setting from the system Settings of the console.

**6.1:NAV:** The first press for navigation, the second press for DVD, the third time press for CMMB, fourth press for the original car information.

**6.2: INFO:** This button is the mode of this product When in the navigation interface or in the other interface of the product, . Product setting also in this menu. The premise is that SW1 should be dialed to the "factory mode".(as picture bellow )



**6.3: The big knob:** In the state of DVD, press down the big knob , then DVD operation menu will pop up (MMI one button operation) 。（As bellow ）

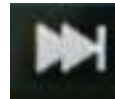
Note: You need to set the first disc box brand in the corresponding DVD box.



Pause/Display



Move Previous



Move next



Fast rewind



Fast Forward



Stop



The next page menu

**6.4: The big knob:** In the state of TV, press down the big knob , then TV operation menu will pop up (MMI one button operation) . (As bellow )

**6.5 :** Support digital TV national standard CMMB system, support the digital television program search, including search, automatic search and frequency selection. Realize digital television program display and program .



switch.

Description of the icon functions on displayer :



Click the menu to select the program



Click this button to select last channel



Click this button to select next channel



Click this button to return to channel

## 7. Process of detaching car :



1. Remove air conditioning controller, pay attention to protection measures.



2. To pull out of the window of air conditioner first, pull the card buckle at the same time by a retractor come into air conditioning , carefully pull the switch and take down internal screw.





3. Pull the window air conditioner which in the



4. Pry the switch by a special tool



5. Pull down screws which below the locks.



6. Pull down the screws which below the switch.



7. Pull out of the window of the air conditioning on the left side of the steering wheel .



8. Pull down the screw which fixed in below . Pull out the light control switch in above and pull down the screw in below.



9. Remove the dashboard carefully.



10. Pull down the screw carefully . Pay special attention to the strength should be uniform to avoid damaging the screen when pulling down.



11. Stick the double-sided adhesive around the screen box . Stick the touch screen in the correct direction, fixed touch screen lead line .