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Instruction Manual Audi 3G PAS C2 for Audi

support@car-solutions.com

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1. Main spec.

- 1-1 Input Spec. (MULTI VIDEO INTERFACE)
 - 1 x Analog RGB Input (Navigation System output)
 - 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
 - 1 x CVBS(FRONT CAMERA) Input. (Front camera source)
 - 1 x LVDS Input. (Car command system)
- 1-2 Output Spec.
 - 1 x LCD Output (LCD Operation)
- 1-3 Power Spec.
 - Input Power : 8VDC ~ 24VDC
 - Consumption Power : 12Watt, Max
- 1-4 Switch Input mode
 - Possible to switch input mode through original button

2. Features

- Display dynamic PAS(Parking assistance system) with OPS(PDC)

3. Diagram



4. Components



5. Exterior



1. Dip Switch

* ON : DOWN , OFF : UP

| NO. | Function | Selection |
|-----|--|--|
| 1 | NAVI (MHL) | ON : Skipping NAVI (MHL) OFF : Display |
| 2 | Recorder(Written as Black box in OSD menu)) | ON : Skipping Recorder OFF : Display |
| 3 | MMI | ON : Old MMI OFF : New MMI |
| 4 | | ON : A1 6.5"LOW, A4 7-1" LOW, A4 7-2" LOW, A4 7-3" LOW, Q3 6.5" LOW, Q3 7" LOW, Q5 6.5" HIGH, Q5 7" LOW |
| 5 | | ON : A1 6.5" LOW, A6 6.5" HIGH , Q3 6.5" LOW, Q5 6.5" HIGH |
| 6 | Car model | ON : A4 7-2" LOW, A8 8" HIGH, Q5 6.5" HIGH |
| 7 | $\mathcal{C}^{\mathcal{O}}$ | ON : A4 7-3" LOW, A6 6.5" HIGH, A6 8" HIGH, A8 8" HIGH, Q7 7" HIGH |
| 8 | | ON : Q3 6.5" LOW, Q3 7" LOW, Q3 7" HIGH, Q5 6.5" HIGH, Q5 7" LOW, Q7 7" HIGH |

* Example





2. Original button - Switching mode

[AUDI A6 / A1-7.0"]



3. OSD Key board



- 1 MENU : Activating OSD Menu
- **② SEL : Selection**
- **③** Up : Moving upward / increasing value
- Down : Moving downward / decreasing value

4. OSD Menu

%Press "MENU" button on Key board

| _ | | | |
|--|-------------------------------|--------------------------------|----------------|
| MENU | Co | onfig | NAVI |
| Config Option Image Screen Parking | NAVI-RGB BlackBox Reset | GI5000_W Default Execute | /VGA Cancel |

Config - NAVI-RGB(MHL) : Setup for the type of RGB(MHL) Config - BlackBox: Setup for the type of Black Box Reset : Reset all value

4. OSD Menu

%Press "MENU" button on Key board



4. OSD Menu

%Press "MENU" button on Key board

- NAVI(RGB) Image / Screen

| MENU | IMAGE NAVI | | \bigcirc | |
|--|---|-------|----------------------------|--|
| Config Option Image Screen Parking | Brightness Contrast Color- RED Color- GREEN Color- BLUE | | 50 50 50 50 25 | |
| ſ | | | | |
| MENU | S | creen | NAVI | |
| Config Option Image Screen | Horizontal Vertical Scale X Up Scale X Down | | 50 50 50 50 | |

- DVD, DVBT, NAVI-AV, REAR, FRONT Image

| MENU | IMAGE Rear | | |
|--|--|--|----------------------------------|
| Config Option Image Screen Parking | Brightness Contrast Saturation Hue Sharpness | | 50 50 50 50 50 25 |

4. OSD Menu - Parking mode

%Press "MENU" button on Key board

-PDC display ON/OFF

| MENU | Parking R | | Rear |
|--|---|---------------------|-----------|
| Config Option Image Screen Parking | OPS Display Line Display Warning Lang Horizontal Vertical | On On English | 50 |

Selecting a use of OPS(PDC) picture (OSD Menu – Parking – OSD Display – • ON or OFF)

-Parking guide line ON/OFF

| MENU | Parki | ng | Rear |
|--|---|---------------------|------------|
| Config Option Image Screen Parking | OPS Display Line Display Warning Lang Horizontal Vertical | On On English | 5 0 |

Selecting a use of packing guide line (OSD Menu – Parking – Line display – ON or OFF)

-Warning Language for rear screen

| MENU | Parki | ng | Rear |
|--|---|---------------------|------------|
| Config Option Image Screen Parking | OPS Display Line Display Warning Lang Horizontal Vertical | On On English | 5 0 |

Selecting a type of language (OSD Menu – Parking – Warning lang)

| Check entire surroundings! |
|--|
| 请注意车辆周围环境! |
| 차량 주변을 전부 확인 |
| 請注意車輛周圍環境! |
| Следите за всем окружением автомобиля! |
| 周辺の安全を確認 |

4. OSD Menu - Parking mode

%Press "MENU" button on Key board

-Adjusting the position of guide line



The OPS(PDC) will disappear in a car without sensor (P.12)

1. Installation Diagram



2. LVDS Connection



3. CAN installation (CAN-1)



AUDI A1 6.5 (LOW)

CAN-H(Orange/Green) \rightarrow PIN No.3 in the provided power cable (CAN H(Orange)) # CAN-L(Orange/Brown) \rightarrow PIN No.4 in the provided power cable (CAN L(Green))



AUDI A1 7 (HIGH)

CAN-H(Orange/Black) \rightarrow PIN No.3 in the provided power cable (CAN H(Orange)) # CAN-L(Orange/Brown) \rightarrow PIN No.4 in the provided power cable (CAN L(Green))

3. CAN installation (CAN-1)

※ Find the same cable as picture below behind the AC equipment of car.



AUDI A4 / Q5 (LOW)

#4 pin : CAN-H(Orange/Green) \rightarrow PIN No.3 in the provided power cable (CAN H(Oran ge))

#5 pin : CAN-L(Orange/Brown) \rightarrow PIN No.4 in the provided power cable (CAN L(Green))

AUDI Q3 (HIGH)

#6 pin : CAN-H(Orange/Black) \rightarrow PIN No.3 in the provided power cable (CAN H(Oran ge))

#15pin : CAN-L(Orange/Brown) \rightarrow PIN No.4 in the provided power cable (CAN L(Green))

AUDI A6/A7 (HIGH)

#4 pin : CAN-H(Orange/Blue) \rightarrow PIN No.3 in the provided power cable (CAN H(Oran ge))

#5 pin : CAN-L(Orange/Brown) \rightarrow PIN No.4 in the provided power cable (CAN L(Green))

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CAN1-H CAN1-L

4. CAN installation (CAN-1& CAN-2)

※ CAN2 is only available for Q3 7"



AUDI A3 (LOW)

 # CAN-H(Orange/Green) → PIN No.3 in the provided power cable (CAN H(Orange))
 # CAN-L(Orange/Brown) → PIN No.4 in the provided power cable (CAN L(Green))

AUDI Q3 (HIGH)

CAN-H(Orange/Black) → PIN No.3 in the provided power cable (CAN H(Orange))
 # CAN-L(Orange/Brown) → PIN No.4 in the provided power cable (CAN L(Green))

5. MMI installation

% The color of the cable will be different according to a car. Please check the position of the cable as below.





OEM MMI Line→ Provided power cable 7 pin MMI (Blue) PIN No.7 in the provided power cable (MMI(Blue))

Caution

1. FAQ

- Not possible to switch mode
 - Check connection of OSD Key pad wire
 - Check CAN connection
- Display wrong size of picture
 Check Dip s/w setting
- Display black screen in OEM mode
 Check connection of LVDS/LCD cable
- Not possible to switch to rear screen
 Check the packing setting
 (OSD Menu option RearCam-Det)

2. Caution

- The device must not be installed in where it interferes driving (close to brake pedal, steering wheel, airbag etc.)
- LVDS cable must be connected correctly according to the manual
- Insulate the end of wire by using electrical tape
- The installation should be done by expert
- GU electronic does not take any responsibility for any problem caused by wrong installation