

Instruction Manual

Audi 3G High end for AUDI



GU ELECTRONIC

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Specification

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

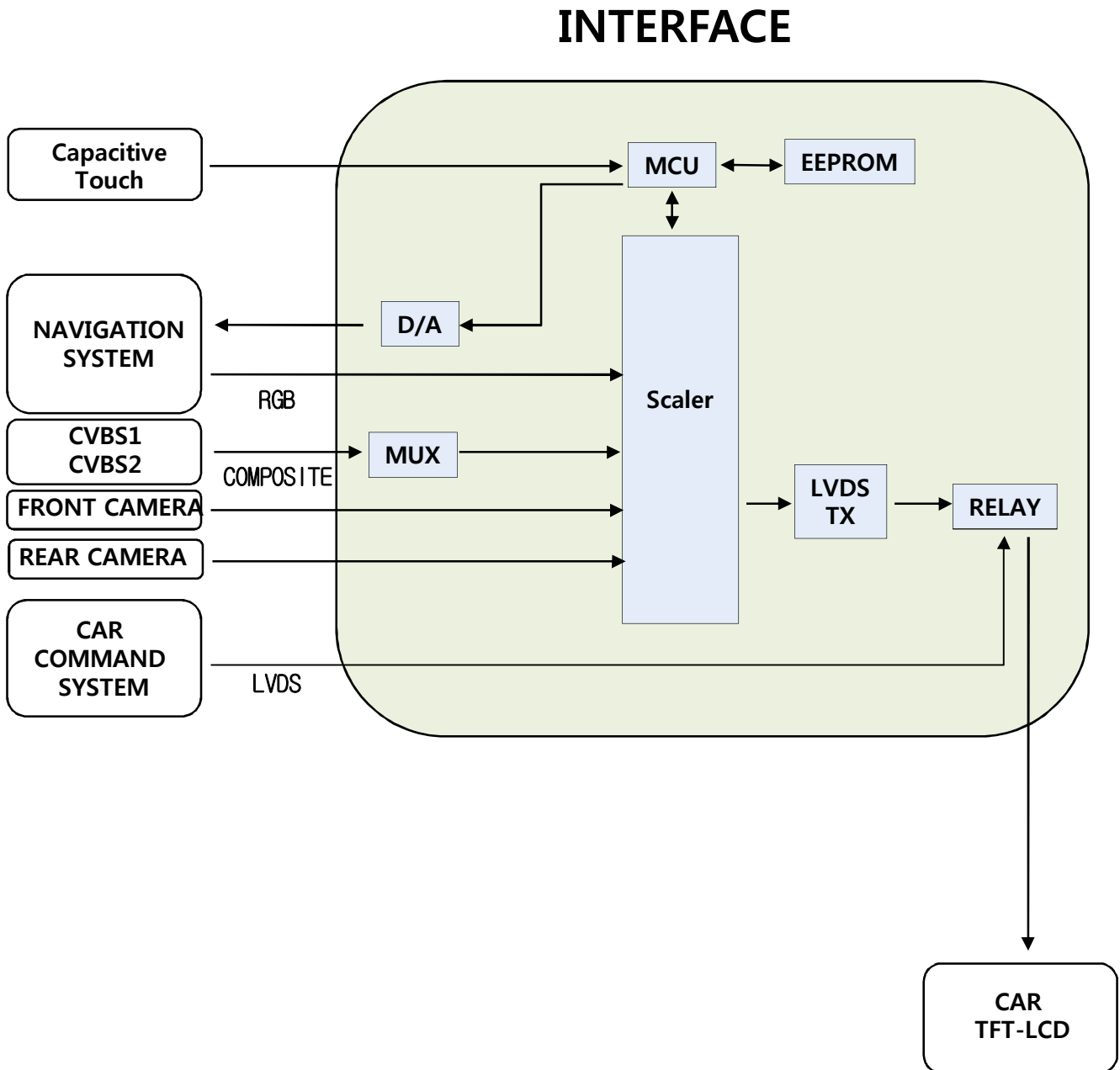
- Possible to switch input mode through original button
- Possible to switch input mode through provided Remote control

2. Features

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

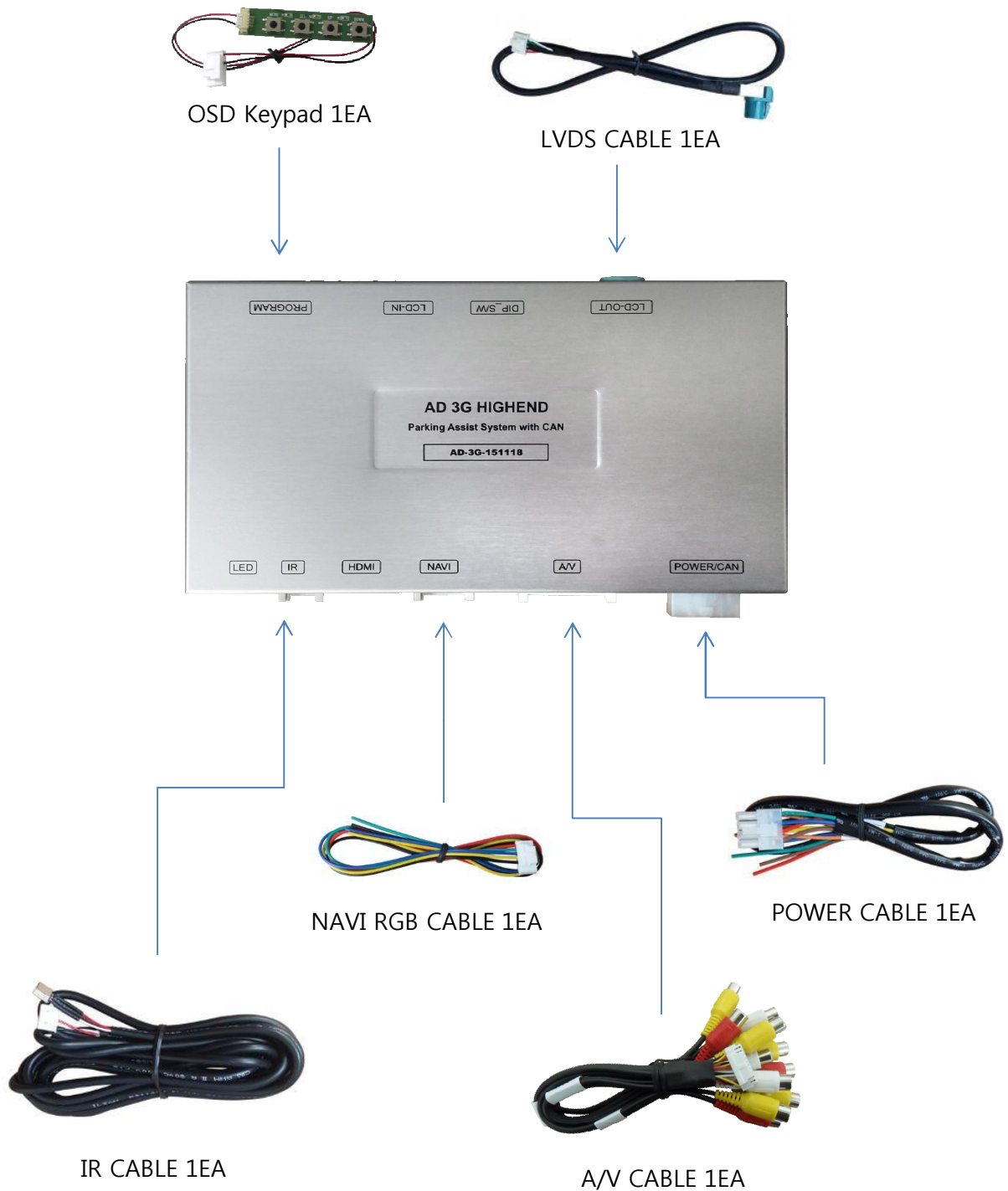
Specification

3. Diagram



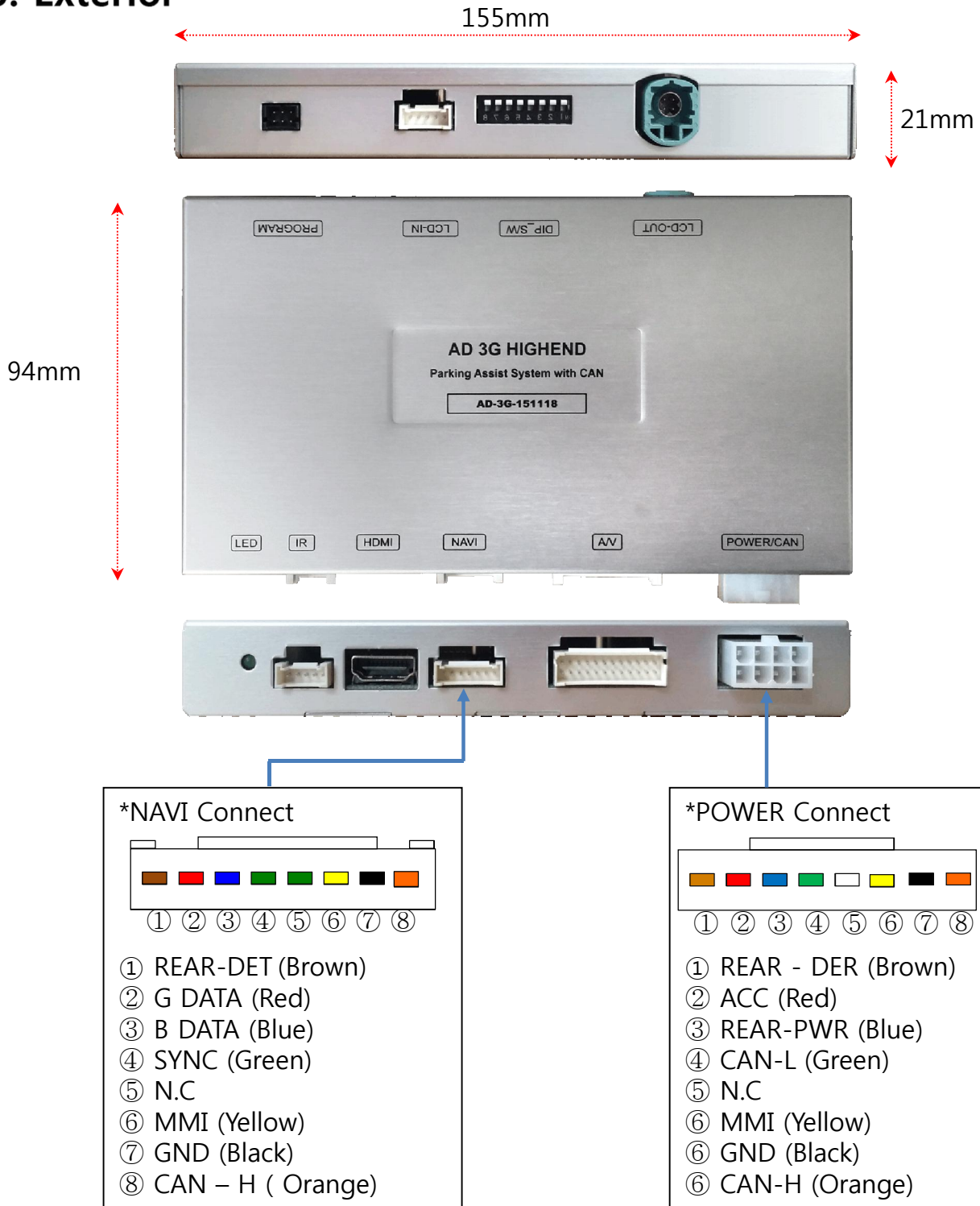
Specification

4. Components



Specification

5. Exterior



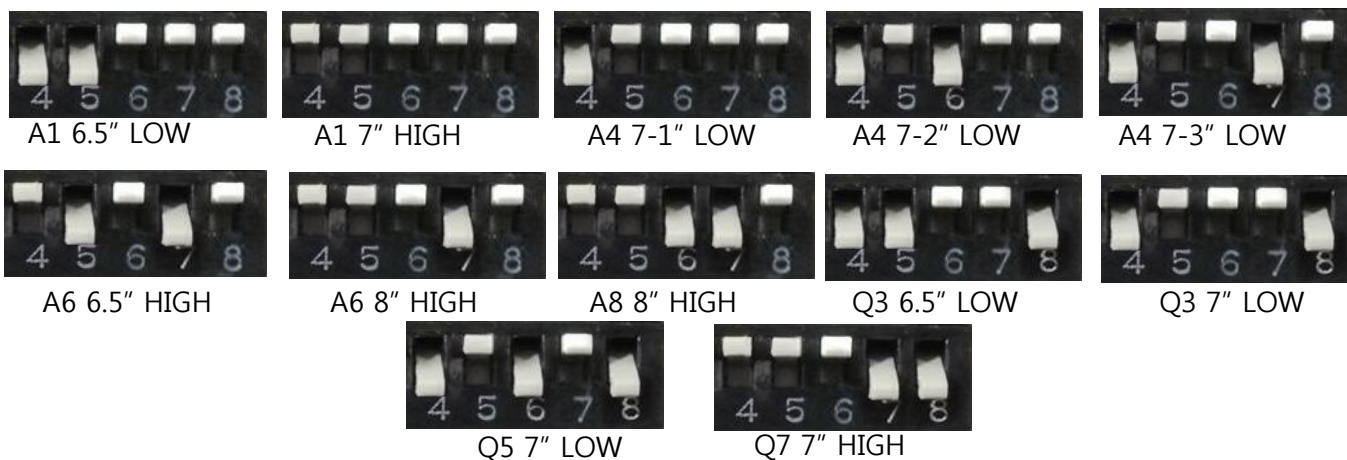
Settings

1. Dip Switch

* ON : DOWN , OFF : UP

NO.	Function	Selection
1	OEM F-CAM	ON : Skipping OEM F-CAM OFF : Display
2	N.C	
3	MMI	ON : Old MMI OFF : New MMI
4	Car Model	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 7" LOW
5		ON : A1 6.5" LOW, A6 6.5" HIGH , Q3 6.5" LOW, Q5 6.5" HIGH
6		ON : A4 7-2" LOW, A8 8" HIGH, Q5 7" LOW
7		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, Q5 7" LOW, Q7 7" HIGH

* Example



Settings

2. OEM button

[AUDI A6]



MMI



MMI



MMI

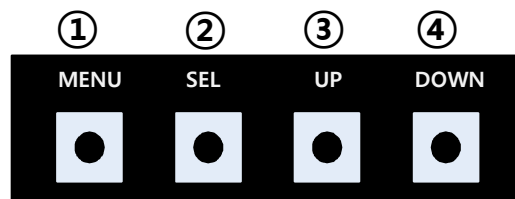
- ① OSD Menu ON/ OFF
- ② Select the Menu
- ③ Right : Moving up, Increasing value
- ④ Left : Moving down, Decreasing value
- ⑤ Press long : Switching mode
Press short : Switching to OEM directly

※ ①,②,③ It is necessary to connect MMI wire / ④ CAN wire is needed to connect to use the NAV button

※ ①,② MMI DIP Switch setting  / ③ MMI DIP Switch setting 

Settings

3. OSD Keypad



- ① **MENU : Activating OSD Menu**
- ② **SEL : Selection**
- ③ **Up : Moving upward / increasing value**
- ④ **Down : Moving downward / decreasing value**

Settings

4. OSD Menu

※ Press "MENU" button on Remote control

Main Menu
➤ Image Picture OSD Interface Menu Factory Default

Main Menu / Image
➤ Brightness Contrast Color Saturation Hue Sharpness

<NAVI-RGB>

Main Menu
➤ Image Picture OSD Interface Menu Factory Default

Main Menu / Image
➤ Brightness Contrast Color Hue Sharpness

<DVD, DVBT, NAVI-AV, REAR, FRONT>

Main Menu
Image ➤ Picture OSD Interface Menu Factory Default

- Picture

Setting the position and size of the picture of RGB, AV

Main Menu
Image Picture ➤ OSD Interface Menu Factory Default

- OSD

Setting the position, display time, transparency and language of the OSD menu

Settings

4. OSD Menu

※ Press "MENU" button on Remote control

Main Menu
Image Picture OSD ➤ Interface Menu Factory Default

Main Menu / Interface menu
➤ Input Enable Option Model Setting IR Setting Parking

Select a use of NAVI-RGB,DVB-T,DVD

(Main Menu – Interface menu – Input Enable
– NAVI-RGB,DVB-T,DVD – ON or OFF)

Main Menu / Interface menu
Input Enable Option Model Setting ➤ IR Setting Parking

Select a use of DVB-T,DVD IR code

(Main Menu – Interface menu – IR Setting
– DVB-T,DVD – Press the code)

Main Menu / Interface menu
Input Enable Option ➤ Model Setting IR Setting Parking

Select a use of DVB-T,DVD Model

(Main Menu – Interface menu
– Model Setting – NAVI-RGB,DVB-T,DVD
– Select the model of NAVI-RGB,DVB-T,DVD)

* OSD setting – P.12 / Parking setting - 13

Settings

4. OSD Menu

※ Press "MENU" button on Remote control

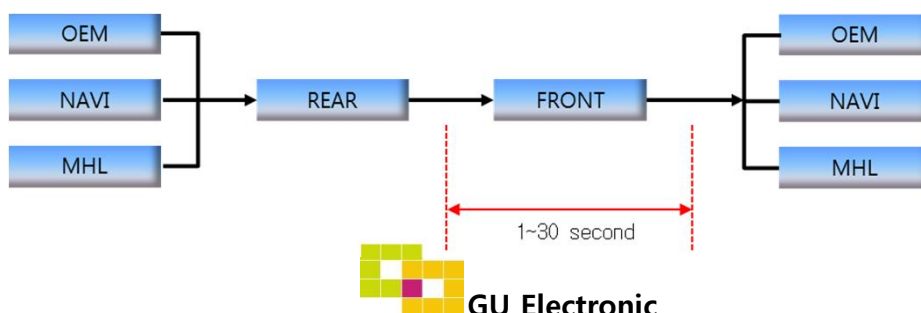
Main Menu / Interface menu
Input Enable
➤ Option
Model Setting
IR Setting
Parking

Interface Menu / Option
➤ OEM NAVI < OFF >
SEL BUTTON < NAVI >
RearCam-Type < ExtDevice>
RearCam-Power < Auto >
RearCam-Det < CAN >
FrontCam-Type < ExtDevice >

Interface Menu / Option
➤ FrontCam-Power < Auto >
FrontCam-Det < ExtWier>
RearCam-RcvOpt

Option

- RearCam-Type : Setup for rear camera
ExtDevice - External rear camera
OEM - Original carmer
- RearCam-Power : Setup for Rear VCC wire in power cable
ON - +12V out always (current consumption : 200mA)
AUTO - +12V out in rear mode only (200mA)
OFF - Power OFF
- RearCam-Det : Setup for Rear detection
CAN - By CAN
Extwire – by rear cam detect wire
- FrontCam-Type : Setup for front camera
ExtDevice - External rear camera
OEM - Original carmer
- FrontCam-Power : Setup for Front VCC wire in power cable
ON - +12V out always (current consumption : 200mA)
AUTO - +12V out in rear mode only (200mA)
OFF - Power OFF
- FrontCam-Det : Setup for front detection
ExtDevice - External rear camera
OEM - Original carmera
- RearCam-RcvOpt : The time of displaying front camera



Settings

4. OSD Menu

※ Press "MENU" button on Remote control

Main Menu / Interface menu	
Input Enable	
Option	
Model Setting	
IR Setting	
➤ Parking	

Interface Menu / Parking	
➤ OPS Display	< ON >
Line Display	< ON >
Horizontal	
Vertical	
Transparency	

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

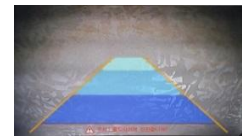
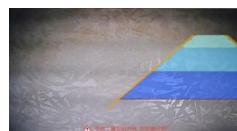
Interface Menu / Parking	
OPS Display	< ON >
➤ Line Display	< ON >
Horizontal	
Vertical	
Transparency	

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

Interface Menu / Parking	
OPS Display	< ON >
Line Display	< ON >
Horizontal	
Vertical	
Transparency	

Possible to adjust the position of line
by Keypad in Horizontal / Vertical menu

※ Pressing this Horizontal / Vertical menu,
The OSD screen automatically disappears.
Please adjust from the parking line Screen.

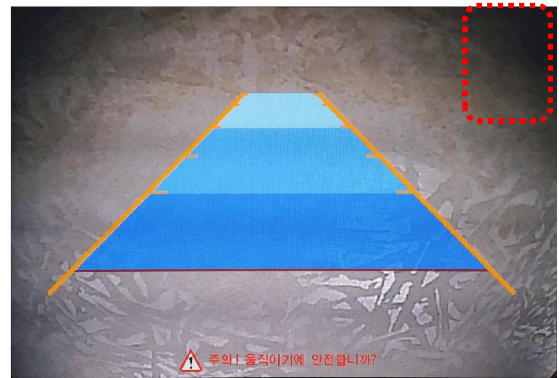
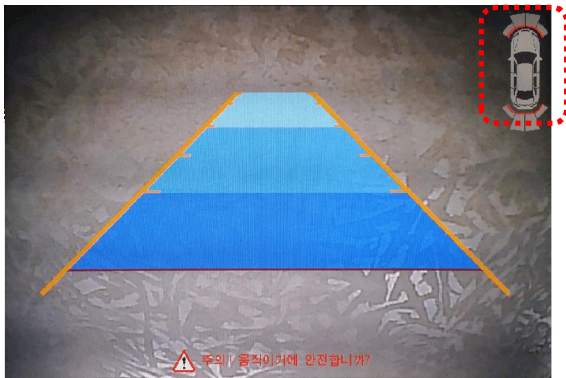


Settings

4. OSD Menu - Parking mode

※ Press "MENU" button on Remote control

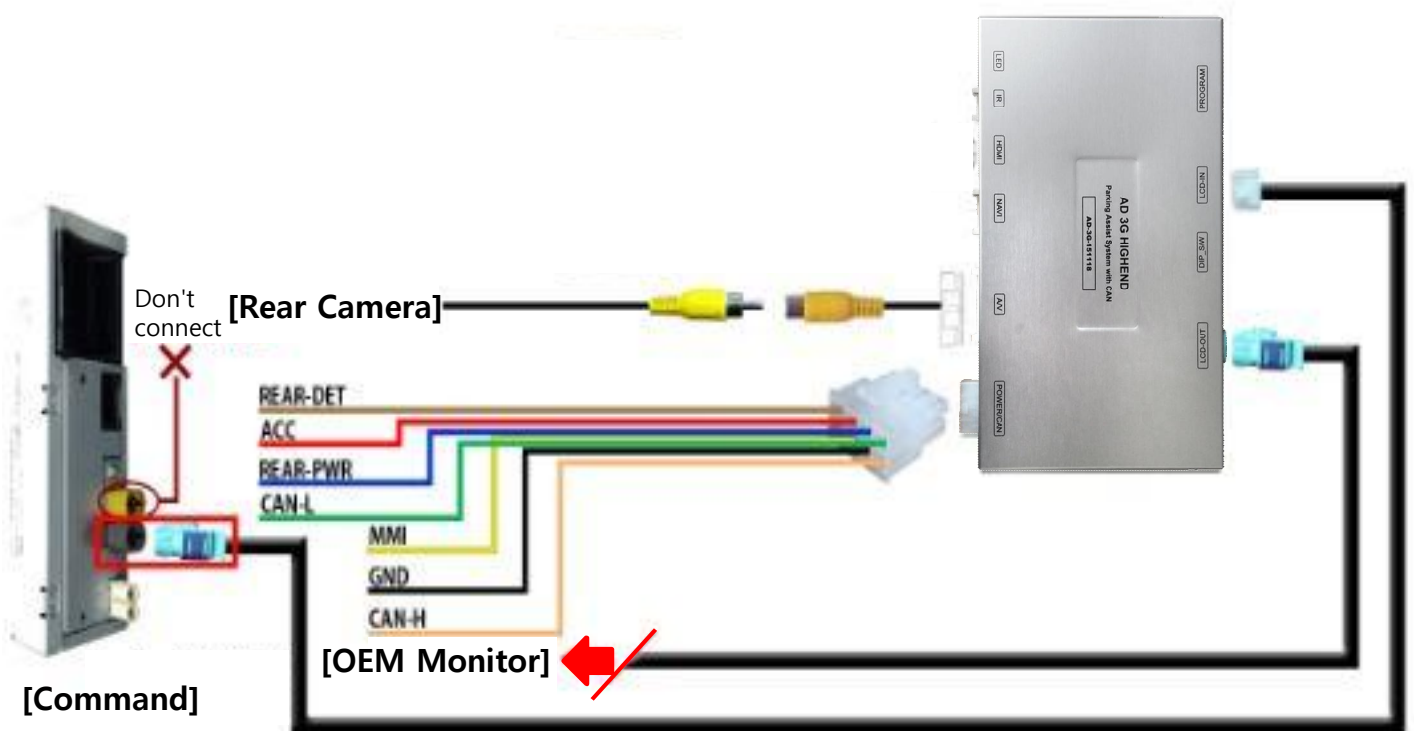
-OEM type's rear screen



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

Installation

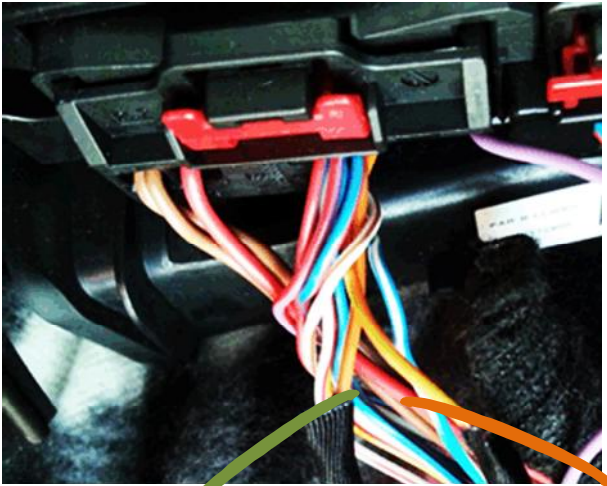
1. Installation Diagram



Installation

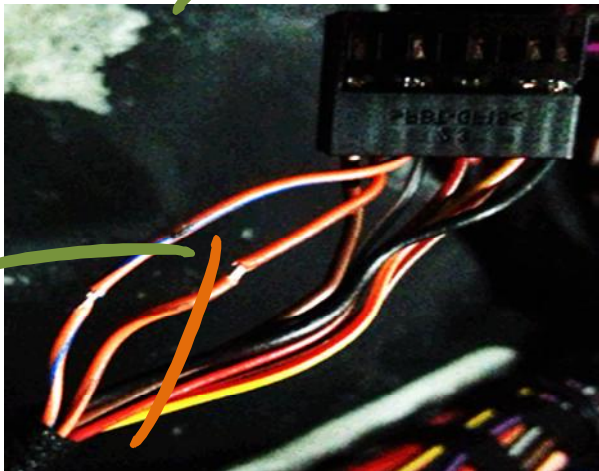
2. CAN installation

※ Find the same cable as picture below behind the Air conditioner system



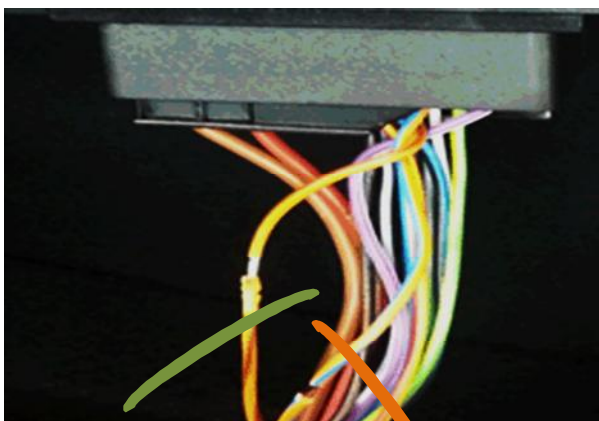
AUDI A4 / Q5 (LOW)

- ➔ #4 pin : CAN-H(Orange/Green) → Provided power cable no.3 pin CAN -HIGH(Orange)
#5 pin : CAN-L(Orange/Brown) → Provided power cable no.4 pin CAN-LOW(Green)



AUDI Q3 (HIGH)

- ➔ #6 pin : CAN-H(Orange/Black) → Provided power cable no.3 pin CAN -HIGH(Orange)
#15pin : CAN-L(Orange/Brown) → Provided power cable no.4 pin CAN-LOW(Green)



AUDI A6/A7 (HIGH)

- ➔ #4 pin : CAN-H(Orange/Blue) → Provided power cable no.3 pin CAN -HIGH(Orange)
#5 pin : CAN-L(Orange/Brown) → Provided power cable no.4 pin CAN-LOW(Green)



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



GU Electronic

For your better driving