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Instruction Manual Audi 4G PAS for AUDI

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1. Main spec.

1-1 Input Spec. (MULTI VIDEO INTERFACE)

1 x Anal og ROB 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 LOD Output (LOD Operation)

1-3 Power Spec.

Input Power : 8VDC ~ 24VDC
Consumption Power : 12Watt, Max

- Possible to switch input mode through original button

2. Features

- Display dynamic PAS(Parking assistance system)
- Parking line depends on the type of car (Porsche, Audi, Golf)
- Easy installation with plug & play

3. Diagram



4. Components



5. Exterior 136.5mm 0 22mm **AUDI 4G PAS** 87.5mm Parking Assist System with CAN AD - 4G - PAS - 151112 o o 💼 💽 *NAVI Connect 0 2 3 4 5 6 1 ACC (Yel I ow) 0234567 (2) Rear Power (Red) 1 R DATA (Red) ③ CAN-H (Or ange) ② G DATA (Green) ④ CAN+L (Green) ③ B DATA (Blue) (5) MM (Blue) ④ SYNC (White) 6 GND (Black) (5) GND (Black) 6 DVD I R (Or ange) ⑦ DMBIR (Green)

1. Dip Switch

* ON : DOWN, OFF : UP

NO.	Function	Selection		
1	NAVI	ON : Skipping NAVI OFF : Display		
2	VIDEO	ON : Skipping Video OFF : Display		
3,4	N.C	0		
5		ON : VW Golf 6.5", Porsche, A3 7"(OPS Off), A3 5.8"(OPS Off), Q2		
6		ON : A3 7"(OPS Off), A3 5.8"(OPS On), A6 8", Porsche, A4 /Q7(OPS Off)		
7	Car model	ON : VW polo 6.5", Golf 6.5",A3 7"(OPS On/Off), A6 8", A4 /Q7(OPS On/Off), A3 5.8"(OPS Off), Q2		
8		ON : VW Golf 8", Audi A3 7"(OPS On), Porsche, A4 /Q7(OPS On/Off), Q2		
* Exampl e 5 6 7 8 VW Golf 5.8" VW Golf 6.5" 5 6 7 8 VW Golf 5.8" VW Golf 6.5" 5 6 7 8 VW Golf 5.8" VW Golf 6.5" For she per complete the second seco				

8

Audi A6 8"





Audi A3 7"



5

Audi A4 /Q7 (OPS Function ON) (OPS Function OFF)





Audi A3 7" (OPS Function ON) (OPS Function OFF) (OPS Function ON) (OPS Function OFF)



Audi A4 /Q7



5

8

Porsche PCM4.0



Audi A3 5.8" Audi A3 5.8"



Audi Q2

2. Original button - Switching mode

[AUDI A6, A7- 4G]



* It is necessary to connect CAN wire to use the original button on steering wheel
* You can choose the Steering wheel type from the OSD Menu (P.11)

[Vol kswagen Gol f 7, Pol o]



It is necessary to connect CAN wire to use the original button on steering wheel
You can choose the Steering wheel type from the OSD Menu (P.11)

3. OSD Key board



① MENU: Activating OSD Menu

② SEL : Selection

- ③ Up: Moving upward / increasing value
- ④ Down: Moving downward / decreasing value

4. OSD Menu

%Press "MENU" button on Key board

MENU	Config N/		NAVI
Config Option Image Screen Parking	NAVI-RGB DVD Reset	GI5000 ELT_DVBT20 ELT_980XU S Default Execute) Slim Cancel

Config - NAVI-RGB : Setup for the type of RGB Config - DVD : Setup for the type of DVD Reset : Reset all value

4. OSD Menu

* Press "MENU" button on Key board

MENU	Option / Rear Cam - Det REAR		
Config	Rear Cam - Type	ExtDevice	
Option	Rear Cam - Power	Auto	
Image	Rear Cam - Det	P>>GEAR ExtWire	
Screen	Front Cam -Type	ExtDevice	
Parking	Front Cam -Power	Auto	

Option

- RearCam-Type : Setup for rear camera ExtDevice - External rear camera OEM - Original camera
- 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

P>>, GEAR : by CAN wire

Ext Wire : by 12V wire

Setting to display screen when switching to the D gear from the R gear (Refer to P.13) P>>: OEM type - When switching to the D gear from the R gear, press the activated "P" button or driving up 20km to display AV/RGB/OEM screen GEAR : Normal type - When switching to the D gear from the R gear, The

AV/RGB/OEM screen is shown right away

FrontCam-Type : Setup for front camera

ExtDevice – External rear camera

- OEM Original camera
- FrontCam-Type : Selecting time of displaying Front camera before switching to RGB, DVD, OEM from Rear
- 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

4. OSD Menu

℁Press "MENU" button on Key board



Option

- FrontCam-Det : Setup for front detection ExtDevice - External rear camera (N.C) OEM - Original camera
- RearCam-RcvOpt : The time of displaying front camera



 Handle wheel Btn : Setting Handle wheel button AUDI: ON- MODE or NAV OFF- OFF
 VOLKSWAGEN: ON-DOWN OFF- OFF

PORSCHE: Not used

4. OSD Menu

*Press "MENU" button on Key board

- NAVI(RGB) Image / Screen

CIEEII				
MENU	11	MAGE	NAVI	
Config Option Image Screen Parking	Brightness Contrast Color- RED Color- GREEN Color- BLUE		50 50 50 50 25	
MENU	S	creen	NAVI	
Config Option Image Screen Parking	Horizontal Vertical Scale X Up Scale X Down		50 50 50 50 50 50	

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

	IIVI <i>F</i>	AGE	Rear
Config Bri Option Co Image Sa Screen Hu Darking Ch	ightness ontrast turation le		50 50 50 50

4. OSD Menu - Parking mode

℁Press "MENU" button on Key board

-Parking guide line ON/OFF

MENU	Parking R		
Config	Line Display	On	
Option	Warning Lang	On	
Image	Horizontal	50	
Screen	Vertical	50	
Parking	Transparency	0	

Selecting a use of packing guide line

(OSD Menu - Parking - Line display





AUDI (OPS Function ON)



PORSCHE



AUDI (OPS Function OFF)



GOLF 7 , POLO

The position of PDC will be changed according to the parking guide line (PORSCHE)
PDC (OPS) for Audi car is set by Dip sw - Refer to P.

-Setting to display screen when switching to the D gear from the R gear(p.10)



- 1. OEM type : When switching to the D gear from the R gear , Press the activated "P" button or driving up 20km to display AV/RGB/OEM screen
- 2. Normal type : When switching to the D gear from the R gear, The AV/RGB/OEM screen is shown right away

4. OSD Menu – Parking mode

* Press "MENU" button on Key board

-Warning Language for rear screen



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

- Adjust the position of Parking guide line

MENU	Pa	arking	Rear
Config Option Image Screen Parking	Line Display Warning Lang Horizontal Vertical Transparency	On On	50 50 0

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.

	MENU	SEL	UP	DOWN
L	_eft	Right	UP	Down

- Transparency - Setting to the transparency of Parking guide line

Installation

1. Installation Diagram



Installation

2. LVDS Connection



Installation

3. CAN installation



① Please remove the indicated grey connector from the OEM plug & plug connector



2 Please connect in the direction of the protruding portion

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