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# **ROiK 4G Installation Manual**

- MODEL : ROiK 4G

- DATE : 2017.07.20

support@car-solutions.com

#### **External connector**



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#### **Connector Pin Assignment**

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GND



#### Components



## **Dip Switch Information**

DN 1 2 3 4 5 6	Ļ						
	ON 1	2	3	4	5	6	



Pin No.	ON	OFF
1	External Rear Camera	Orignal Rear Camera 💊
2	External Front Camera	Skip External Front Camera
3		
4	Coloction	of Con Madel
5	Selection	of car woder
6		

No. 3	No. 4	No. 5	No. 6	Car Model
OFF	OFF	OFF	OFF	Porsche
OFF	OFF	OFF	ON	Audi Q7 <mark>7inch</mark>
OFF	OFF	ON	ON	Volkswagen 8inch
OFF	ON	OFF	OFF	Skoda 6.5 inch
OFF	ON	OFF	ON	Skoda 5.8 inch
OFF	ON	ON	OFF	Bentley Bentayga



# **Porsche - Power / LVDS connection with Quad Lock Cable**





# **Porsche - Power / LVDS connection with Power/Can Cable**



## Audi Q77inch- Power / LVDS connection with Power/Can Cable



## Volkswagen - Power / LVDS connection with Power/Can Cable



# Skoda - Power / LVDS connection with Power/Can Cable



#### **Bentley - Power / LVDS connection with Power/Can Cable**





## **Porsche - OEM buttons usage**

	Android Nav	Google Maps	Front	
	YouTube DVB-T	<b>O</b> VD	<u>ت</u>	
	Menu Apps	() WiFi Set	НDMI 11 : 59	
N N		SCHE	T T T T	
TEMP	SOURCE PHONE	NAV MA		
			C	C

Button	Press	Function		
Nav	Long Press (2sec)	Change to interface home screen		
INdV	Short Press	Change to previous screen		
Tuner				
Media				
Мар				
Source	Short Press	Back to oem screen		
Phone				
Car				
Home				



# **Porsche – Mode Change (Interface)**

Android







 $\bigtriangleup$ 

Nav





• DVD

OIII Apps € WiFi Menu



•

Google Maps

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Front



11:59



	1	ROIK Screen	$\bigcirc$	DVD Screen
	2	Android Navigation App (Customer set app on ROIK Screen)	8	HDMI Screen
	3	Google Maps	9	Back to OEM screen
	4	Front Camera Screen	10	Apps list screen
	5	YouTube	(1)	Wifi setting (Green color icon = wifi on)
0.117	6	DVB-T screen	12	ROIK Setting (Android system setting)
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## Audi Q77inch - OEM buttons usage



50
0

		Menu	i sha	ort cut			
Ĵ	Donline TV	Music F	layer	YouTut	De	Gallery	
Ð					3	C) M	
0	<b>5</b> Navitel Navigator	Video P	layer	DeviceSe	tting	8 Calendar	
49		<b>⊡</b> Menu	Apps	(î WiFi	<b>©</b> ≡ Set	16:14	
Button	Pres	55			Fun	ction	
Морц	Long Press	s ( 2sec )	0	Change to	o inter	face home so	creen
Ivienu	Short Press			Oem function			
Back	Short F	Press	C	Change to	o inter	face home s	creen
Car							
Tel	_				_		

i ei	Short Proce	Oem function
Radio	Short Fless	
Media		
lumber	Short Press	Menu Short cut
		Move Icon on Home menu
Dial		* Non Touch Screen
		Move remote icon on DVB-T or DVD

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## Audi Q7<sub>7inch</sub>– Mode Change (Interface)



1	ROIK Screen	$\overline{O}$	DVD Screen
2	Android Navigation App (set on ROIK Screen)	8	HDMI Screen
3	Google Maps	9	Front Camera Screen
4	YouTube	10	Wifi setting
5	Apps list screen	(1)	ROIK Setting (Android system setting)
6	DVB-T screen		

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## **Volkswagen - OEM buttons usage**



	Button	Press	Function	
		Long Press (2sec)	Change to interface home screen	
		Short Press	Back to oem screen	
		Long Press (2sec)	Change to previous screen	
	Short Press		Back to oem screen	
	RADIO			
	PHONE			
Co		Short Press	Back to oem screen	
support@car-solutions.com	MUTE	Short Press	www.Qergoituorsien	



# Volkswagen – Mode Change (Interface)

		AM 05:59		
1 Android	2 Navi	3 DVB-T	4 DMI DVD	
6 Front	7 Apps	8 🤶	FI Setting	

	1	1 ROIK Screen		Front Camera Screen	
	<ul> <li>2 Android Navigation App (set on ROIK Screen)</li> <li>3 DVB-T screen</li> <li>4 HDMI Screen</li> </ul>		(7)	Apps list screen	
			8	Wifi setting (Green color icon = wifi on)	
			9	ROIK Setting (Android system setting)	
	5	DVD Screen			
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## Skoda - OEM buttons usage

RADIO

PHONE

VOICE

PM 7:16

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DVB-T

5

HOM

-

DVD

-

NAV

MENU

	Button	Press	Function Change to interface home screen Back to oem screen		
	MEDIA	Long Press (2sec)			
		Short Press			
		Long Press (2sec)	Change to previous screen		
	IVIEINO	Short Press	Back to oem screen		
	PHONE				
	CAR	Short Press	Back to oem screen		
support@car-solutions.com	MUTE	Short Press	www.capybilthorsieom		

# Skoda – Mode Change (Interface)



	1	ROIK Screen	6	Front Camera Screen		
	<ul> <li>(2) Android Navigation App (set on ROIK Screen)</li> </ul>		(7)	Apps list screen		
	3	DVB-T screen	8	Wifi setting (Green color icon = wifi on)		
	4	HDMI Screen	9	ROIK Setting (Android system setting)		
	5	DVD Screen				
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## **Bentley - OEM buttons usage**



Button	Press	Function		
Nav	Long Press ( 2sec )	Change to interface home screen		
INdV	Short Press	Change to previous screen		
RADIO				
MEDIA				
TEL	Short Press	Back to oem screen		
HOME				
BACK				

#### **Bentley – Mode Change (Interface)**

1		
1''''''		

Android





 $\wedge$ 

Nav



OIII Apps Menu



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Google Maps

HDMI

€ WiFi

<u>س</u>

Front

**⊜**≡ Set 11:59

	1	ROIK Screen	(7)	DVD Screen		
	2	Android Navigation App (Customer set app on ROIK Screen)	8	HDMI Screen		
	3	Google Maps	9	Back to OEM screen		
	4	Front Camera Screen	(10)	Apps list screen		
	(5)	YouTube	(11)	Wifi setting (Green color icon = wifi on)		
	6	DVB-T screen	(12)	ROIK Setting (Android system setting)		
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#### **ROiK 4G Pip Mode**



When you touch monitor on RoiK Screen. Pop up PIP



Touch to change the audio source on the main screen and pip screen.

### **DVB-T Connection Diagram for AV Input**



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## **DVD Connection Diagram for AV Input**



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## **Factory setting**



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## **DVD, DVB-T Device setting**

Settings -> DVB-T or DVD -> Model Select



#### Save after selecting Device



#### **Remote control model**

- 1. Pioneer remote control format
- 2. Remote control NEC format

## Firmware Upgrade (SD-CARD) \*FAST (2~3 min)



Copy 'system\_pcm' folder to SD Card root and insert to ROIK 4G. Push hold this button and turn on (re-connect power cable), it will start upgrade \*'/sdcard/system\_pcm' Folder have 'partmap.txt / boot.img / root.img' files



## Firmware Upgrade (USB) \*SLOW (20min)



Copy 'system\_pcm' folder to "USB memory stick" root folder and insert to ROIK 4G USB input. And insert Empty SD-CARD to SD-CARD input.

Go to Device settings menu -> select "upgrade Device From USB" menu -> select "YES"

