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Specification

Android

- 1. OS : Android 5.1.1(Lollipop)
- 2. CPU : NXP5430Q Cortex-A53 Octa Core @1.6Ghz Mali-400 MP4 GPU
- 3. Memory : 2GB DDR3 @800Mhz
- 4. SD Card : 16GB (SDHC Class10, Max 32GB support, FAT32)
- 5. USB : USB2.0 High Speed Port x 2
- 6. Telecommunication : 802.11 b/g/n Wi-Fi, Bluetooth 4.0
- 7. GPS : Ublox7
- 8. Speaker : 2W
- 9. Temperature : Storage -20 C ~ +80 C/ Operating -15 C ~ +70 C
- Interface
 - 1. Input Spec.
 - 1 x A/V Input (external video source)
 - 2 x CVBS Input (Rear, Front camera source)
 - 1 x HDMI Input (up to 720P)
 - 2. Output Spec.
 - 1 x Audio L/R Output
 - 1 x LVDS Output (LCD Operation)
 - 3. Power Spec.
 - Input Power : 12V DC ~ 24V DC
 - Consumption Power : 12 Watt Max
 - 4. I/O
 - Output :
 - 1. 12V Output (3A Max)

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A Rear Camera (1A Max) 3. DVB-T IR (Remote Control)

- Input :
 - 1. Reverse Detect (Manual Gear)
 - 2. OMNI Key (Reserved.)

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External Appearance



а	Power/Can Cable	J h	Wifi Antenna
b	K-Pad	i	SD Card Slot
C	LVDS Out	j	HDMI Input
d	LVDS In	k	USB 3
е	Universal Cable	I	Dip Switch
f	AV Cable	m	USB 2
g	GPS Antenna	n	USB 1

Connector Pin Assignment



※ POWER CABLE

X AV CABLE X UNIVERSAL CABLE

※ POWER CABLE



X AV CABLE



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1	BATTERY	2	GND
3	N.C.		N.C.
5	12V_OUT	6	N.C.
7	REVERSE	8	REAR_12V
9	BUTTON_KEY	10	OMNI_KEY
11	ECU_CAN_H	12	ECU_CAN_L
13	N.C.	14	N.C.
15	MON_5V_IN	16	N.C.

1	DVBT_IN_V	2	GND
3	DVBT_IN_R	4	GND
5	DVBT_IN_L	6	GND
7	N.C.	8	N.C.
9	N.C.	10	N.C.
11	N.C.	12	N.C.
13	FRONT_IN	14	GND
15	REAR_IN	16	GND

※ UNIVERSAL CABLE



1	SPK_P	2	SPK_N		
3	AUX_OUT_R	4	AUX_GND		
5	AUX_OUT_L	6	AUX_GND		
7	MIC_P	8	MIC_N		
9	N.C.	10	N.C.		
11	N.C.	12	N.C.		
13	N.C.	14	N.C.		
15	MMI_TXD	16	MMI_GND		
17	MMI_RXD	18	IR_IN		
19	DVB-T_IR	20	IR_GND		
21	DVD_IR	22	IR_POWER		
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5 DIP S/W Information





Pin No.	ON	OFF
1	External Rear Camera	Orignal Rear Camera
2	External Front Camera	Skip External Front Camera
3		S
4	Coloction	of Con Medal
5	Selection	
6		

No. 3	No. 4	No. 5	No. 6	Car Model
OFF	OFF	OFF	OFF	Volvo

Connect CAN/Power connector



OEM buttons usage

				•	♥ 9:45		1
	" .	Maps Navigation					
	You Tube	YouTube YouTube					
		VLC Player					
-	Ď	SPB TV Online Tv					/
~	OFF		OFF	Ŀ	OFF	K	
		0			_	4	R

	Receptor.	
Button	Press	Function
-11	Proce the button 2 times	Change to ROIK
1	Press the button 2 times	Change to previous screen
	Press the button short time	Return to the oem
,		

* When touch screen for ROIK screen. Pop up quick menu



***** When touch screen for OEM screen. Return to OEM for 3 seconds

Quick Menu Button Information

		Image: Notice of the second
-	Android : Menu button	Change to android screen
	Android : Home button	Change to HDMI screen
< <u></u>	Android : Back button	Change to front screen
ط)» ط)×	Press volume button for 2 seconds. - Turn on/off external speaker Press volume button short time. - Pop up volume level indicator	Change to DVB-T screen
	Press Wi-Fi button short time - Shortcut Wi-Fi settings menu Quick menu	Exit quick menu
>	Shortcut right menu	Shortcut left menu
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DVB-T Connection Diagram for AV Input





Firmware Upgrade for ROIK-VV



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



TRANWARE UPDATE

>> system_up/root.img
>> flashing

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