

Installation Manual

HDMI Interface for New SKODA



Manual Date : 2019.05

• Specification

Compatibility: VW, Skoda, Polo 2017~

Components: Interface*1
Sub Board*1
Ex Board*1

Interface Input / Output specification:

Input: HDMI*2
Analog RGB*1
A/V*2
CVBS(Rear camera)*1
CVBS(Front camera)*1

Output: To LCD*1

Power Spec:

Input Power: 8VDC ~ 18VDC
Consumption: 5WATT

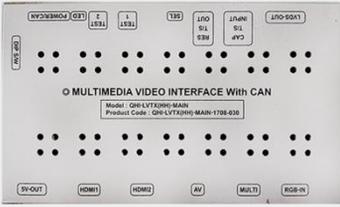
Switch input mode:

1. External video sources skip function: Able to control input videos on and off via Dip switches
2. Able to switch videos via the remote and button switch
3. Able to detect the rear view camera by CAN

• Features

1. High-resolution display through HDMI input
2. Control EXT devices(DVD/DTV) via Multi Media Touch GUI
3. Adjustable screen position of external device
4. Mode switching with OEM button
5. Power output for rear camera drive
6. Dynamic PAS(parking assistance system)
7. Able to use OEM Touch and support multi touch with our QROI2-RGB Android Navigation Box

Components



MAIN BOARD
QCPASS1239



POWER CABLE
HPOWER0209



CAN CABLE
HARETC0128



ADC CABLE
HARETC0267



AV CABLE
HAVCAB0056



MULTI CABLE
HARETC0240



REMOTE CONTROL
REMOTE0001



REAR CABLE
HARETC0002



IR CABLE 4P
HIRCAB0002



RGB CABLE
HRGBCA0013



EX CABLE
HARETC0249



S/W CABLE
HARETC0001



VW-MIB2GP-5CH-SUB
QCPASS1305



SUBARU-5CH-EX
QCPASS1283



LVDS CABLE
HLVDS0066



TOUCH CABLE
HTOUCH0047

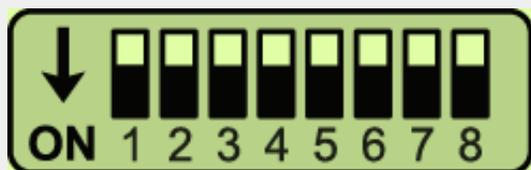


FFC CABLE
FFCABL0093



HDMI Cable
HARETC0067

• DIP SWITCH setting



※ ON : DOWN / OFF : UP

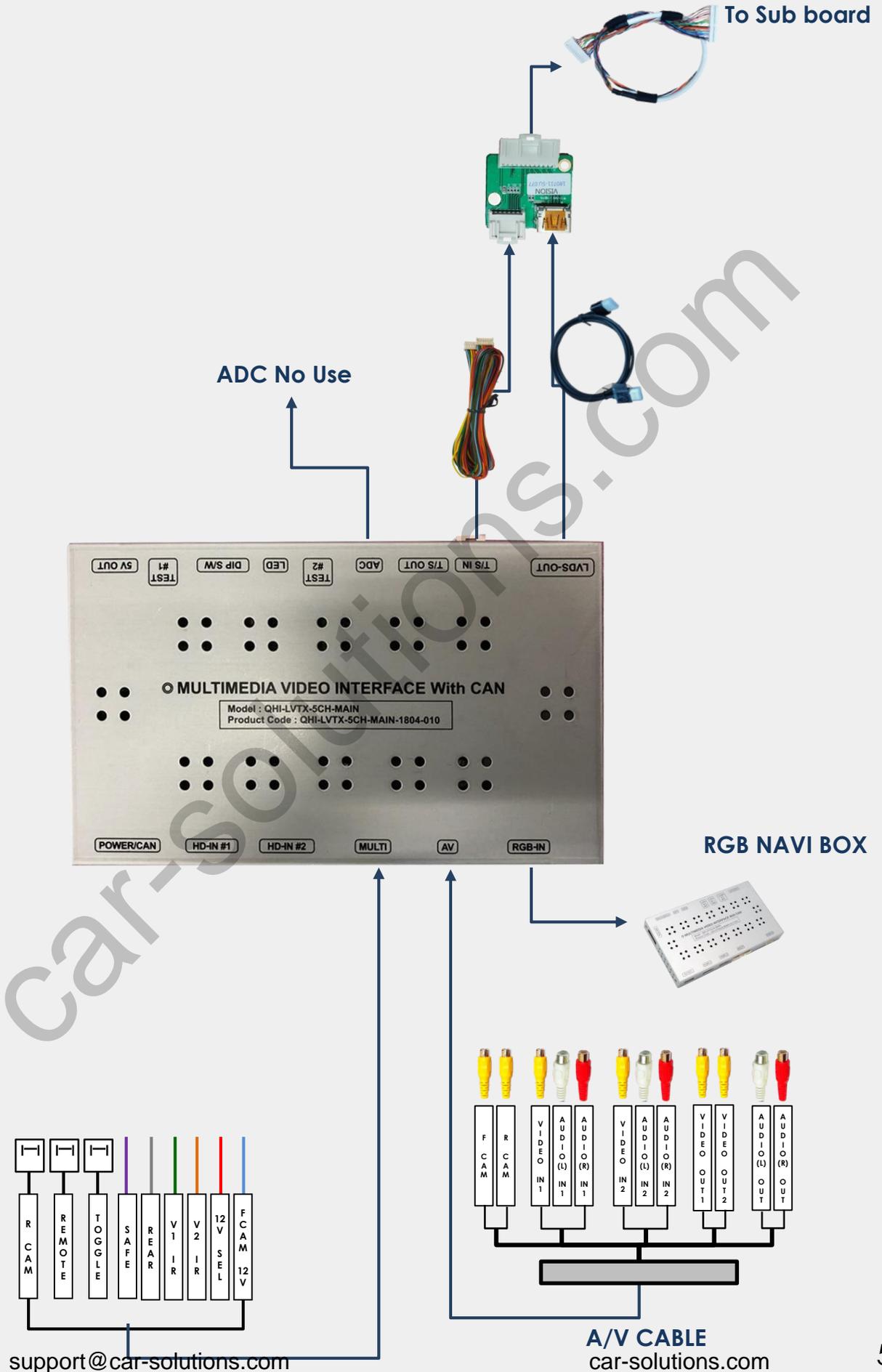
PIN	FUNCTION	DIP S/W SELECT
1	RGB	OFF : RGB MODE ON : RGB MODE SKIP
2	HDMI1	OFF : HDMI1 MODE ON : HDMI1 MODE SKIP
3	AV1	OFF : AV1 MODE ON : AV1 MODE SKIP
4	AV2	OFF : AV2 MODE ON : AV2 MODE SKIP
5	No use	
6	No use	
7	REAR CAMERA	OFF : OEM REAR CAMERA MODE ON : EXT REAR CAMERA MODE
8		N/C

• Remote Control



Key	Function
POWER & PIP	No use
MENU	Activate FACTORY mode
OK	Select, Changing image display
▲	Move up
▼	Move down
◀	Move left (Access to the factory mode if you press this button more than 2 seconds)
▶	Move right (Activate the data reset if you press this button more than 2 seconds)

Installation Diagram



Installation Guide

Please be careful the connector on sub B/D doesn't touch to OEM bracket in Red circle.



Please disassemble the monitor as above picture.



Please put the supplied sub board like above.



Please connect OEM FPC cable to supplied sub board.



Please connect supplied FFC cable to sub board.



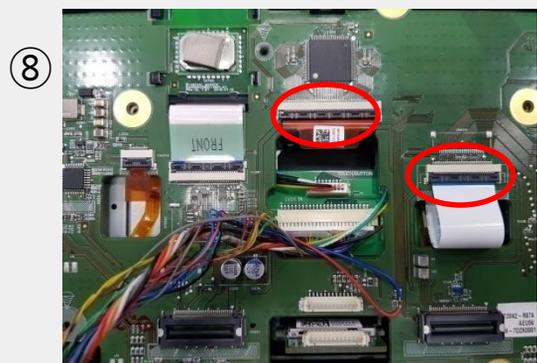
Please remove OEM resistances and do soldering some points with supplied cable on OEM PCB. Please refer to next page for the details.



Please connect supplied LVDS Cable to Sub board like above picture.



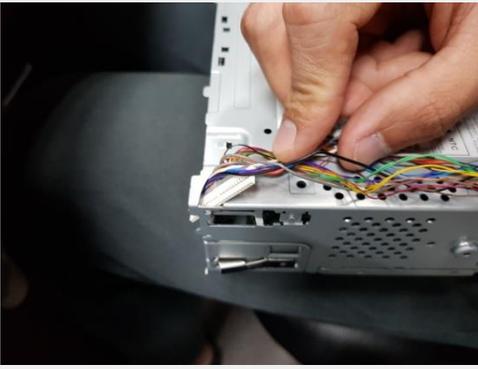
Please connect the cable to sub board. support@car-solutions.com soldered OEM PCB.



Please connect OEM FPC cable to OEM PCB and support@car-solutions.com

Installation Guide

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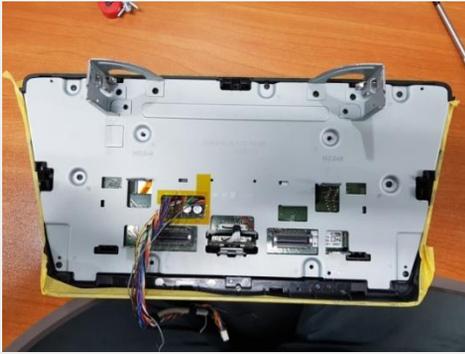
Please do supplied LVDS cable as same as above picture.

10



Please do supplied LVDS cable as same as above picture.

11



Please assemble OEM cover like above.

12



Please assemble HU and Monitor

Factory Setting



IMAGE SETTING

H-POSITION: Move the screen left and right.

V-POSITION: Move the screen up and down.

H-SIZE (NAVI): Adjust the left and right size of navigation.



PARK SETTING

PAS TYPE: Select parking line type.

- NOT USED: Do not use parking line
- PAS ON: Use Flexible Parking Lines
- PAS OFF: Use fixed parking line

PAS SETUP: You can move the position of parking line.

REAR TYPE : Choose rear camera recognition.

- CAN : By connecting to "CAN" cable of the car gear, changing to rear camera mode when shifting into reverse. (Connect "CAN" cable of the power cable to the "CAN" cable of the car gear)

- LAMP : By connecting to the rear lamp of the car, switch to rear camera mode when shifting into rear. (Connect "Rear-C" cable of the power cable to the rear lamp of the car)

SAFE ENABLE : If it is enable, HDMI, RGB, and A/V mode doesn't show up while driving. (YES/NO)

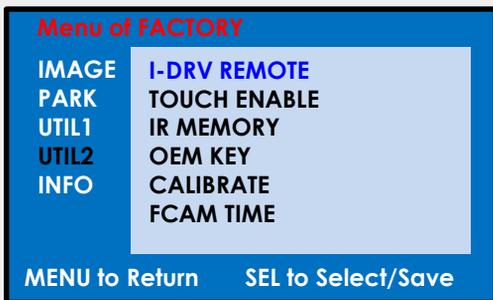
RADAR ENABLE: Set the parking distance alarm sensor to ON/OFF.

Factory Setting



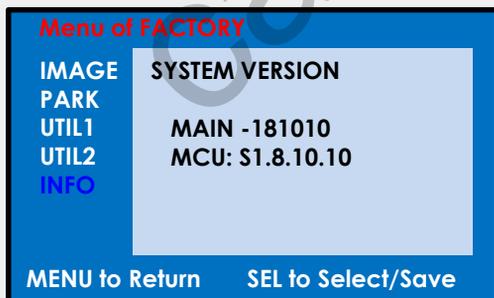
UTIL1

- NAVI MODEL:** RGB navigation setting
- CAR MODEL:** Car model setting
- AVOUT SELECT:** Select audio channel transmitted through AUX (HDMI1, HDMI2, AV)
- HDMI SKIP:** HDMI2 skip setting
- OEM SKIP:** OEM skip setting
- FACTORY RESET:** Factory mode reset



UTIL2

- IDRV REMOTE :** Able to use remote control on DVD, DTV by selecting "User" after IR memory registered
- TOUCH ENABLE:** (No/Use OEM Touch)
- IR MEMORY :** Register IR memory of DTV and DVD
- ✘ Refer to "IR MANUAL" for more details**
- OEM KEY:** Select handle DISP KEY ON/OFF
- CALIBRATE:** Not support, Use OEM Touch
- F-CAM TIME:** Front camera operation time setting (OFF, 3s, 5s, 10s, 15s)



INFO

SYSTEM VERSION INFORMATION

• Trouble shooting

Q. I cannot change mode

- A. Check connection of Ground cable and IR Cable. Check LED lamp is on, if not check connection of POWER cable.

Q. All I got on the screen is black.

- A. Check second LED lamp of the interface is on, if not, check A/V sources connected are working well.

(Second lamp indicates AV sources connected works well)

Check interface connection has been done well.

Q. Displayed image color is not proper (too dark or unsuitable color)

- A. Press ► button on the remote control for 2 seconds and check how it goes, if it does not work, inform to manufacturer.

Q. I cannot watch the rear camera on the screen

- A. Set the DIP switch #7 as state "ON".

Q. Set mode not appear

- A. Check DIP Switch.

Q. OEM image is not displayed.

- A. Check interface's LCD In/Out cable connection. If the status keeps on, inform to manufacturer.

Q. Screen only displays white color.

- A. Check LCD out cable is connected well, if this status keeps, inform to manufacturer.

Q. If no image is shown on screen after connecting CAN wire with Park gear.

- A. Go on the "FACTORY MODE", check "UTIL-Rear Select". If "LAMP", change the setting as "CAN" with the remote control. (※ when connecting Rear-C wire of LAMP power cable to Backup lights, Setting should be like this / CAN : if controlling rear camera with CAN wire)