

Installation Manual

Multimedia Interface for Audi A8



Components



MAIN BOARD

QCPASS1523



POWER CABLE

HPOWER0225



CAN J BY J

HARETC0288



LCD CABLE

HLCDCA0017



AV CABLE

HAVCAB0056



MULTI CABLE

HARETC0240



REAR CABLE

HARETC0002



UART CABLE

HTOUCH0015



IR CABLE

HIRCAB0002



REMOTE CTRL.

REMOTE0001

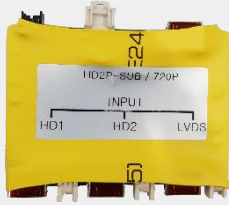


BUTTON CABLE

HARETC0001

Components with Options

HDMI 720P 2Ports SUB Option



OPTION

HD2P-SUB

QCPASS1547



OPTION

HD2P-SUB CABLE

HARETC0365



OPTION

HDMI CABLE

HARETC0367



OPTION

UART CABLE*2

HTOUCH0015

DIP Switch Settings



* **ON : DOWN / OFF : UP**

Please make sure to disconnect the power cable of the interface and reconnect the power cable again to apply the dip switch changes.

PIN	FUNCTION	Dip S/W SELECT
1	LVDS	OFF : LVDS MODE ON : LVDS MODE SKIP
2	HD1	OFF : HD1 Mode ON : HD1 Mode Skip
3	AV1	OFF : AV1 MODE ON : AV1 MODE SKIP
4	AV2	OFF : AV2 MODE ON : AV2 MODE SKIP
5	Front Camera	OFF : Ext. Front Camera Mode ON : OEM Front Camera Mode
6	N/C	
7	Rear Camera	OFF : OEM Rear Camera Mode ON : Ext. Rear Camera Mode
8	Car Model (LCD Resolution)	8 OFF, 9 OFF, 10 OFF -> A8/Q8/A6 DUO 10.1" (1540*720) 8 ON, 9 OFF, 10 OFF -> A6 DUO 8.8" (1280*720)
9		8 OFF, 9 ON, 10 OFF -> G8/Skoda/A3/A4 10.1"/ (1540*720) 8 OFF, 9 OFF, 10 ON -> Cayenne/Macan/Taycan 12.3" (1920*720)
10		8 ON, 9 ON, 10 OFF -> Q3 10.1" (1540*720) * After setting the dip switch, please set the car model in the OSD menu for the precise display setting and gear/button usage.

* **HD2 enable is set by OSD menu.** Default setting is NONE (HD2 Mode Skip).

If select other menu on HD2, it will display automatically.

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Remote Control



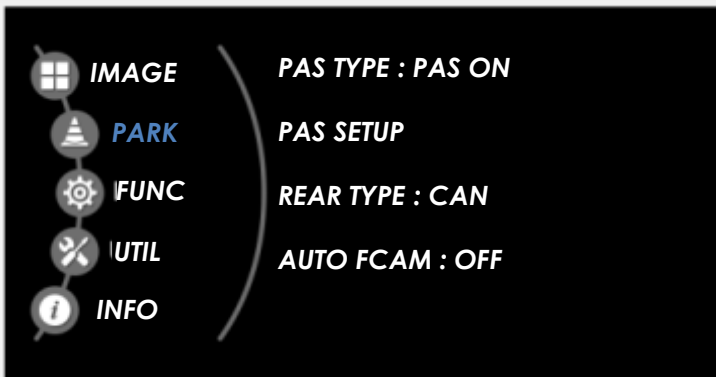
Key	FUNCTION
POWER & PIP	N/C
MENU	Activating OSD menu
OK	Making a selection, changing image display
▲	Moving upward
▼	Moving downward
◀	Moving leftward (If you press this button 2 seconds long, you can access the factory mode)
▶	Moving rightward (If you press this button 2 seconds long, you can reset all the data about user environment)

Factory Settings



IMAGE

Setting for image display



PARK

PAS TYPE:

Select parking line type.

NOT USED: Do not use parking line

PAS ON: No Use

PAS OFF: Use fixed parking line

PAS SETUP:

Move the position of parking line.

REAR TYPE:

Choose rear camera recognition.

CAN: Detecting the rear view camera by CAN signal. (Installer must connect "CAN" cable of the power cable to the "CAN" cable of the car)

LAMP: Detecting the rear view camera via "Grey Rear" wire. (Installer must connect "Rear-C" cable of the power cable to the rear lamp of the car)

AUTO FCAM:

Front Camera Display Setting

Factory Settings



FUNCTION

CAR MODEL:

Different dip switch settings show different car models as below:

8 OFF, 9 OFF, 10 OFF -> A8

8 ON, 9 OFF, 10 OFF -> A6

8 OFF, 9 ON, 10 OFF -> G8/A4 TOP/A4
T1/A4 T2/Skoda/A3

8 OFF, 9 OFF, 10 ON -> Cayenne/Macan/
Taycan

8 ON, 9 ON, 10 OFF -> Q3

AUDIO OUT:

Select audio channel transmitted through
AUX (Default/AV1/AV2/HD1)

LVDS MODEL:

Car-play, Navigation Model Setting

HD1/HD2 MODEL:

DTV, Navigation Model Setting



UTIL

RESET ALL:

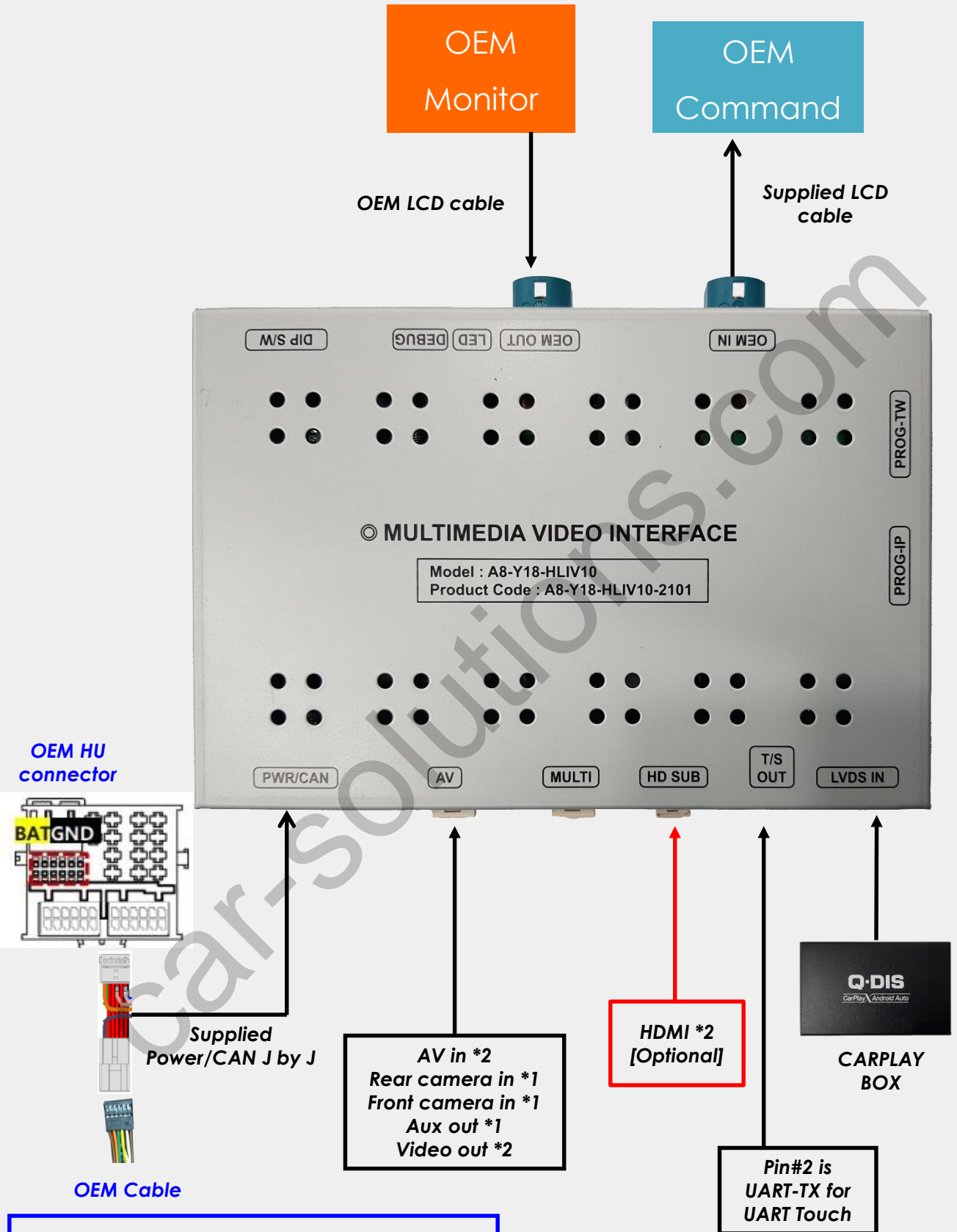
Factory mode reset (YES/NO)



INFO

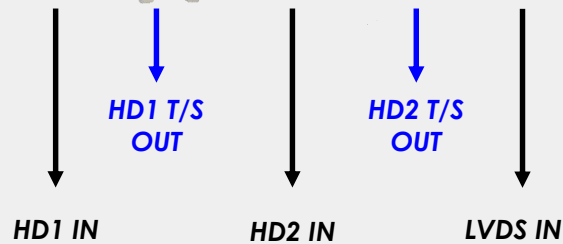
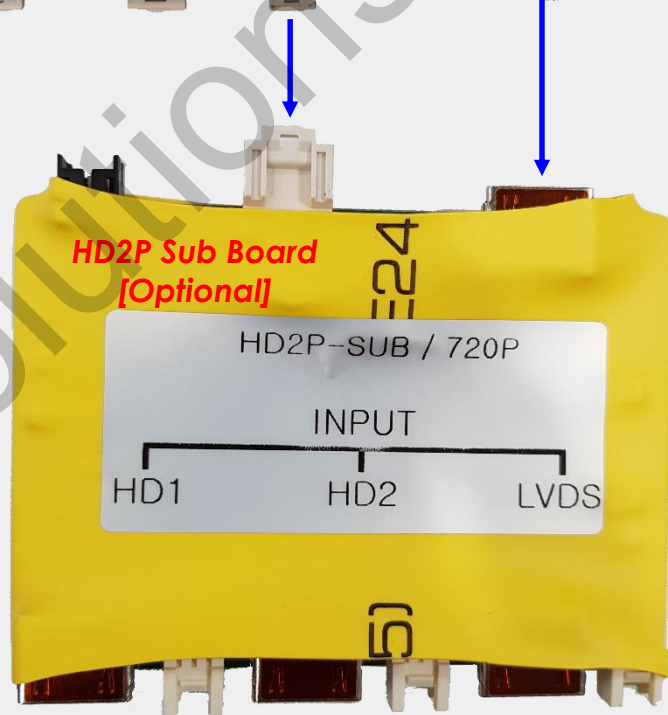
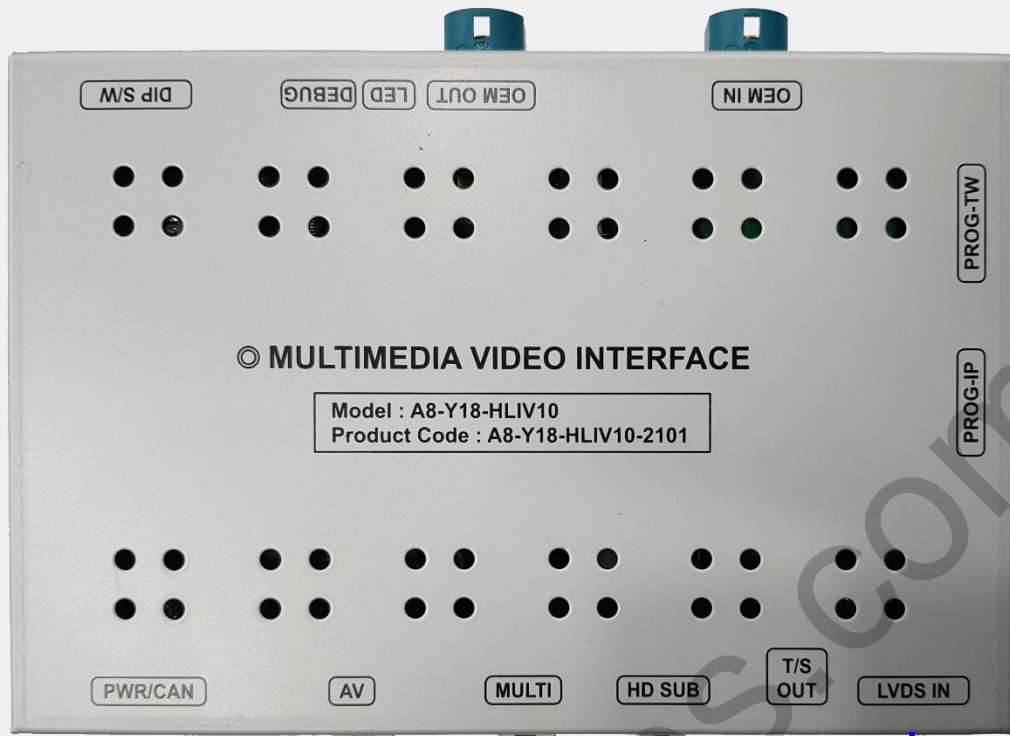
System version information

Installation Diagram

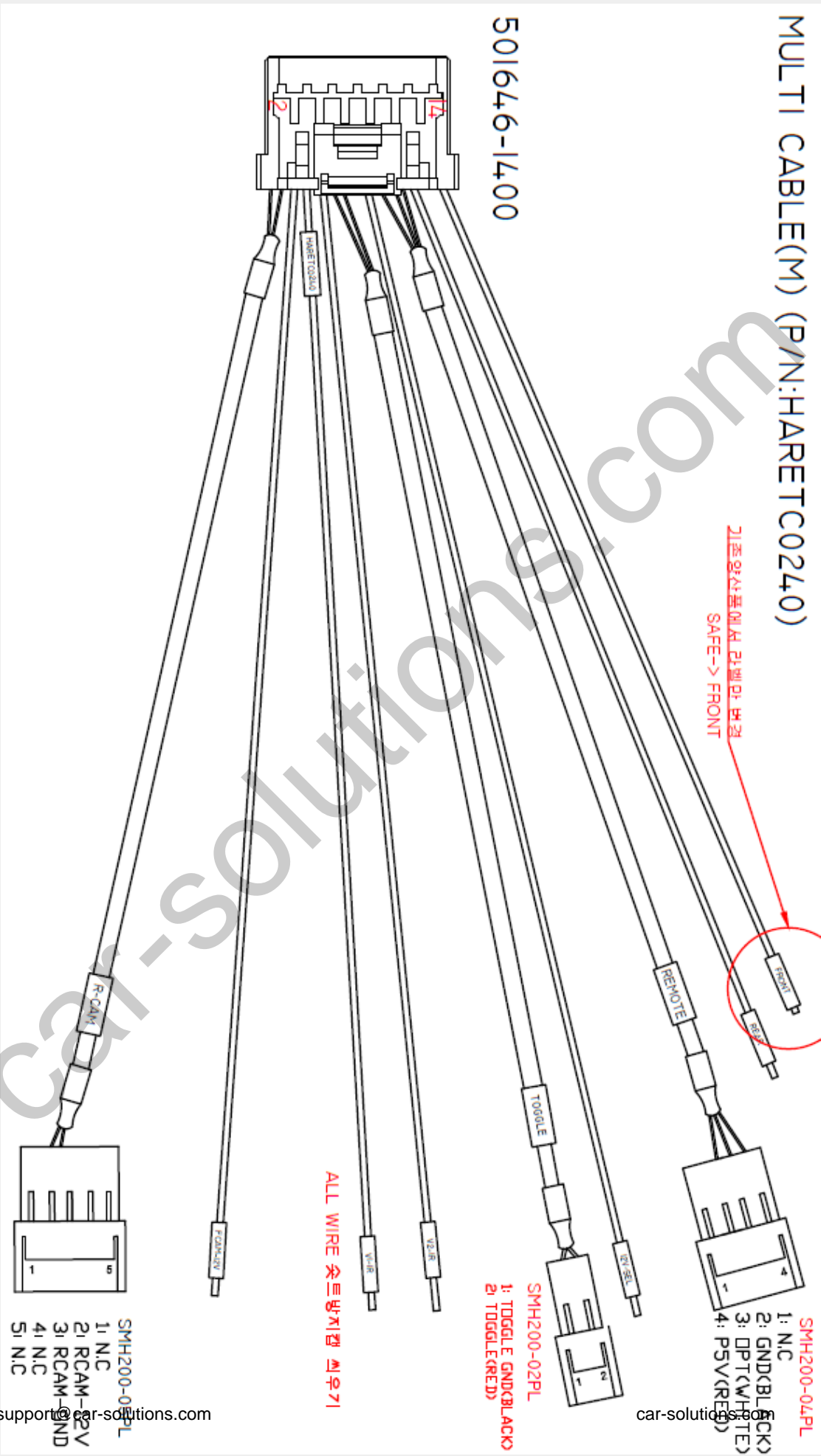


1. Please disconnect OEM connector in red circle on OEM head-unit bunch connector.
2. Connect supplied CAN cable as above.
3. Connect provided power wire pin#1 to car B+

Installation Diagram_ HD2P Sub Board



Multi Cable Drawing



Power/CAN Cable Connection_ Cayenne

* Press high lighted OEM button for 3 seconds long to mode switch



Power/CAN Cable Connection_ Macan

* Press high lighted OEM button for 3 seconds long to mode switch



Power/CAN Cable Connection_ A8/A6/A4

* Press high lighted OEM button for 3 seconds long to mode switch

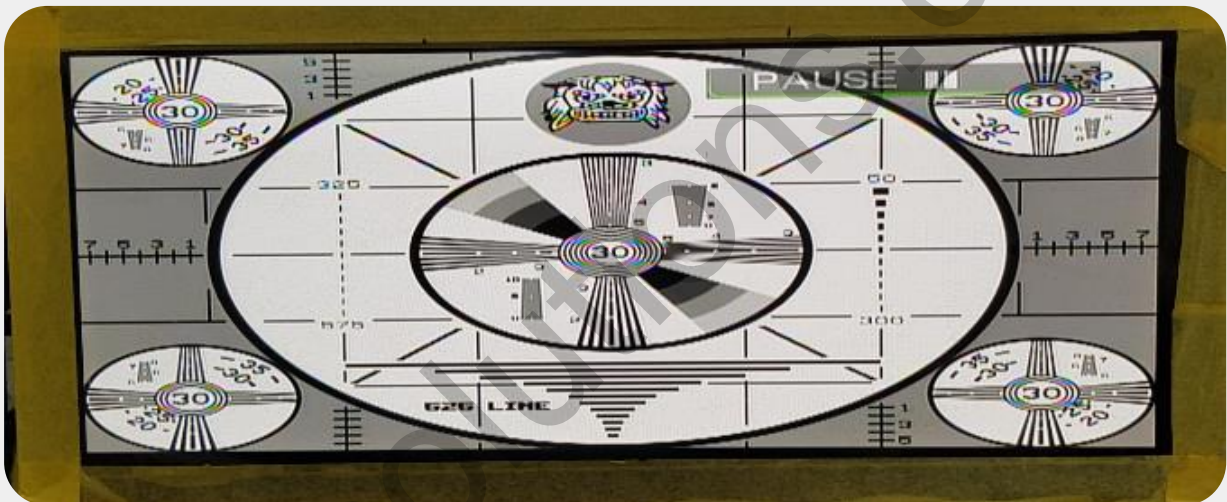


Screen Ratio Change on HDMI/AV Mode_PCM5.0

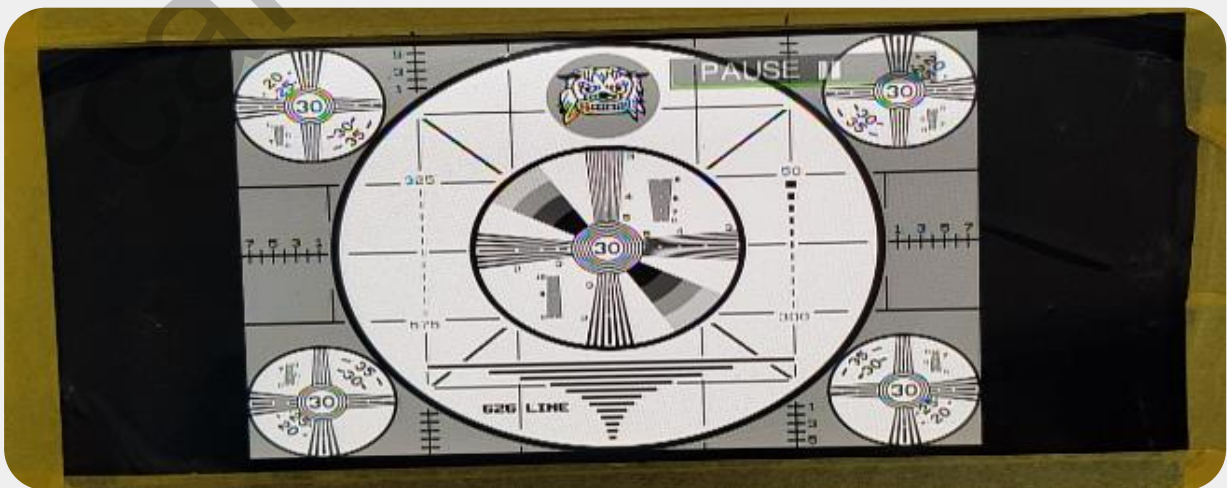
Please press high lighted button for 3secs long or short press PIP button on the remote control to change screen display ratio.



Full screen display on HDMI/AV Mode



4:3 ratio screen display on HDMI/AV Mode



Split Screen on Rear Camera Mode_PCM5.0

Please press high lighted button for 3secs long or short press PIP button on the remote control to change screen display ratio.



Split screen display on Rear Camera Mode



Full screen display on Rear Camera Mode -> OEM or Rear Camera

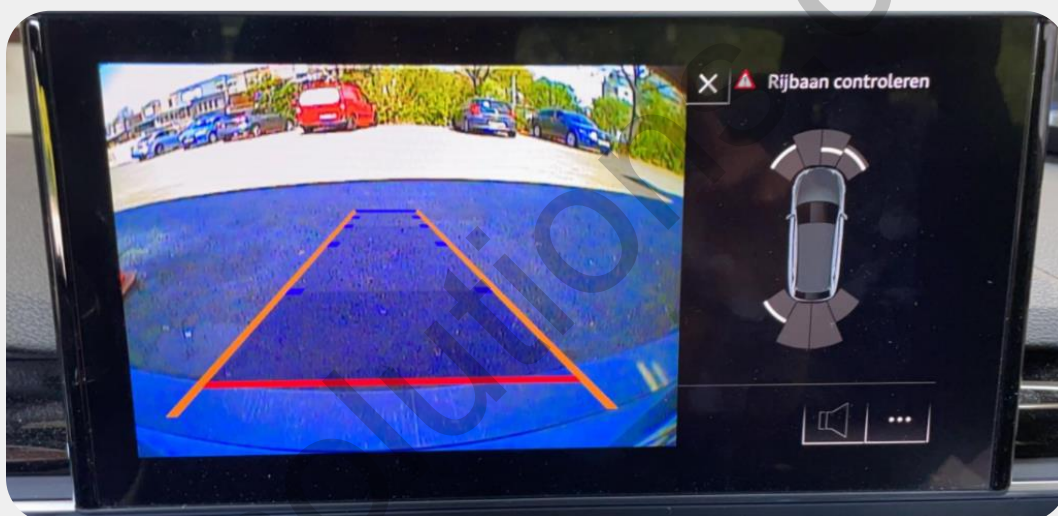


Split Screen on Rear Camera Mode_ A8/A6/A4

Please press high lighted button for 3secs long or short press PIP button on the remote control to change screen display ratio.



Split screen display on Rear Camera Mode



Full screen display on Rear Camera Mode -> OEM or Rear Camera



Cautions Before Installation

1. Ignition key should be taken off before starting installation, interface power connection must be the last step in installation.
2. Power cable should be separated when connecting interface.
3. Should be no any electronic devices or magnetic pole around installation place.
4. All steps of installation should be done by well-trained specialist.
5. Dismantling without manufacturer's permission can not be guaranteed, (No permission to break attached label on the board.)
6. Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer.
7. According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.

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)