

Installation Manual

VIDEO Interface for ALFAROMEQ

Model : ALFAROMEQ-IF



•Specification

Compatibility : ALFAROMEIO

Components : Interface* 1pcs

Interface Input/Output specification

Input : 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

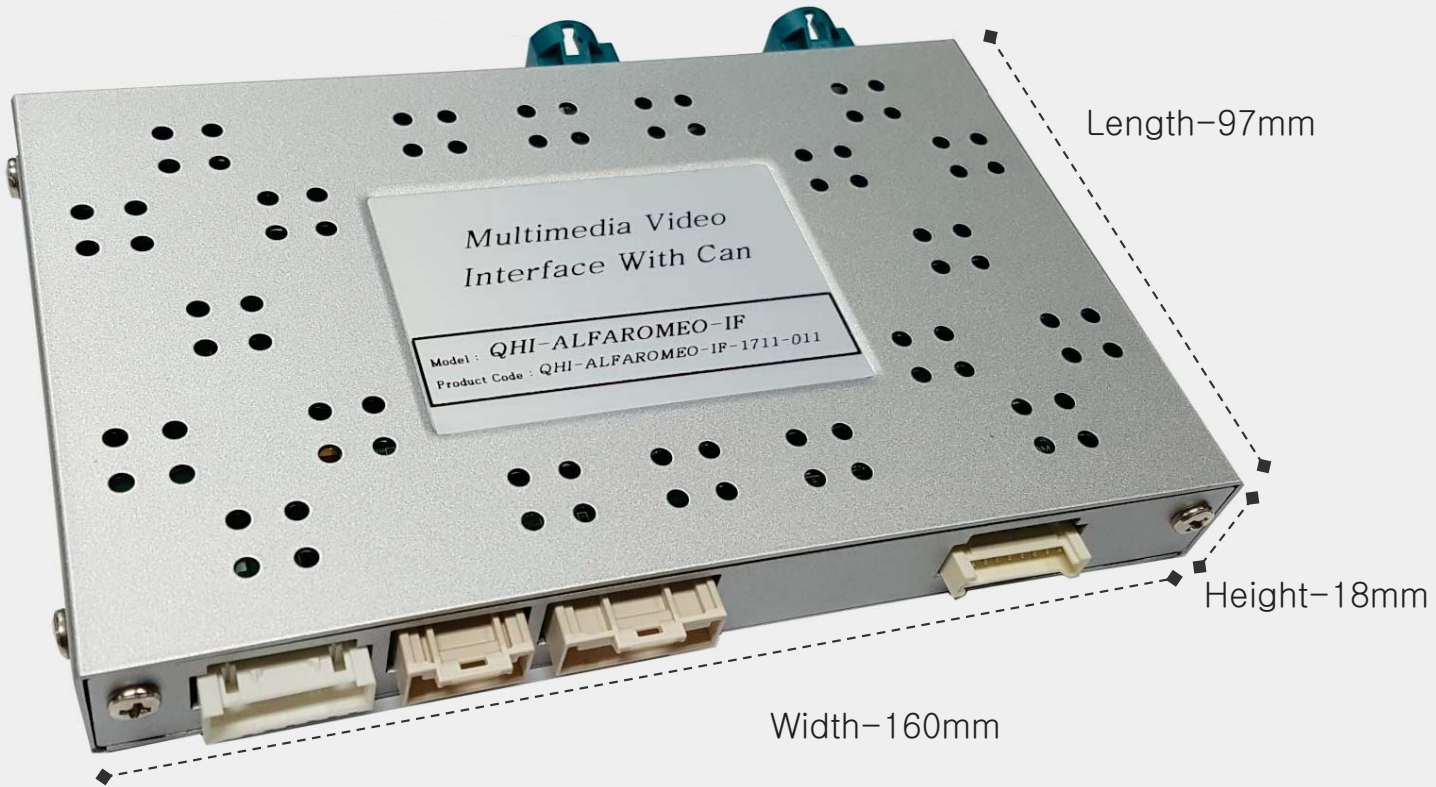
Switch input mode

- External video sources skip function : able to control input videos on and off via DIP switches.
- Able to switch videos via the remote, button switch, and original buttons.
- Able to detect the rear view camera (back up camera) via CAN.

•Features

- Control external videos sources (DVD, DTV) via Multi Media Touch
- Adjust external videos screen position
- Check the improved Screen Display (User Friendly Interface)
- Switch modes via original OEM button
- Supply power to rear view camera (Back up camera)
- Offer Dynamic Pas(Parking assistance system), moving parking line based on the steering wheel movement.

•Product exterior



•Components



POWER * 1ea
(HPOWER0097)



AV * 1ea
(HAVCAB0056)



RGB * 1ea
(HRGBCA0013)



MULTI * 1ea
(HARETC0240)



LCD * 1ea
(HLCDCA0049)



BUTTON * 1ea
(HARETC0001)



IR * 1ea
(HIRCAB0002)



R-CAM * 1ea
(HARETC0002)



Remote * 1ea
(REMOTE0001)

•DIP SWITCH



※ ON : DOWN / OFF : UP

PIN	Mode	Dip S/W
1	RGB mode	OFF : Display RGB(Navi) Mode ON : Skip RGB(Navi) Mode
2	No use	
3	AV1 mode	OFF : Display AV1 Mode ON : Skip AV1 Mode
4	AV2 mode	OFF : Display A/V2 Mode ON : Skip A/V2 Mode
5	Resolution setting	OFF : 8.8inch monitor(1280x480) ON : 6.5inch monitor(800x480)
6	No use(OFF)	
7	Rear Camera	OFF : OEM rear camera ON : Aftermarket rear camera
8	No use(OFF)	

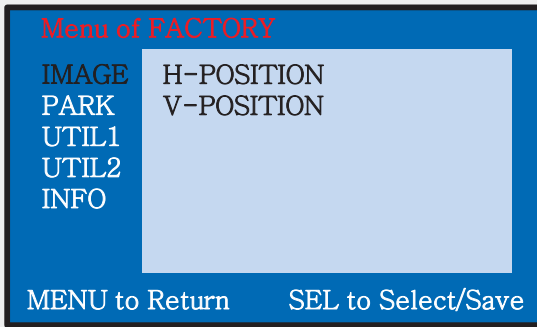
※ Please make sure to disconnect and reconnect the power cable after changing the dip switch setting. Otherwise, new dip switch setting will not be applied.

•Remote control



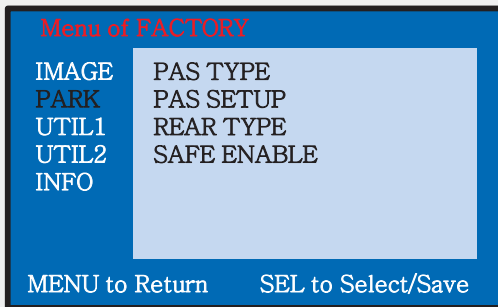
Key	FUNCTION
POWER & PIP	NO USE
MENU	Activate Factory menu
OK	Selection, changing image display
▲	Up
▼	Down
◀	Left(Access the factory mode if the button is pressed for 2 seconds)
▶	Right (Activate factory reset if the button is pressed for 2 seconds)

•Factory Setting



Adjust the position and size of image

H-POSITION : Move the image horizontally
V-POSITION : Move the image vertically.



Setting for rear camera

PAS TYPE : Parking guideline setting

- NOT USED : No use parking guideline
- PAS ON : Selecting Dynamic parking guide line
- PAS OFF : Selecting fixed parking guide line

RAS SETUP : adjusting the position of the parking guideline



<H-POSITION>



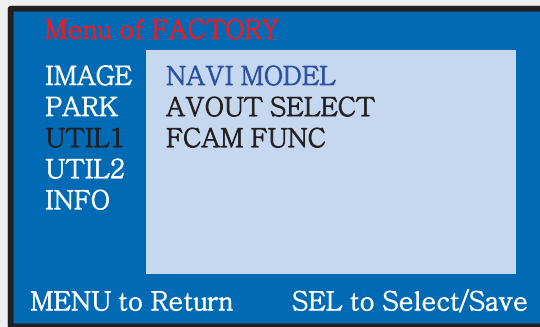
<V-POSITION>

REAR TYPE : Choose rear camera recognition

- * LAMP – Detecting the rear view camera via rear lamp (Installer must connect “Rear-C” cable of the power cable to the rear lamp of the car.)
- *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.)

SAFE ENABLE : Able/unable to display the image of external modes while driving(Default: Off)

•Factory Setting



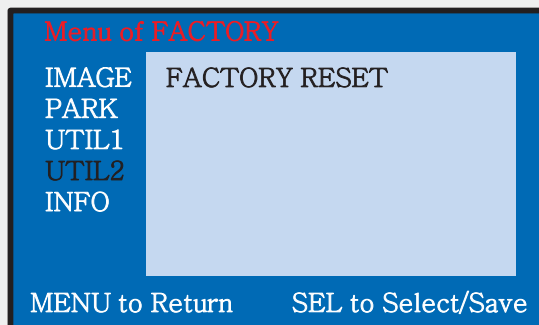
Select Navigation&Car model

NAVI MODEL : Select RGB Navigation model (QROI)

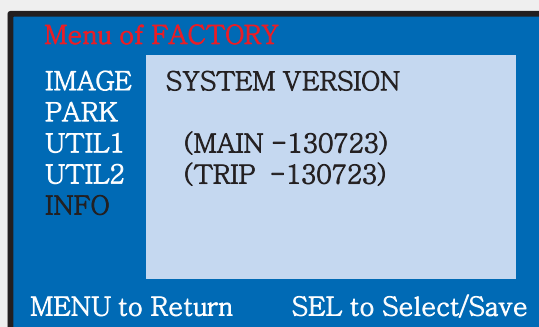
AVOUT SELECT : Select background mode sound via Car Aux(AV1, AV2, Default)

FACM FUNC : On - Use front camera
OFF – Skip Front camera

Setting for other options



FACTORY RESET : FACTORY mode reset



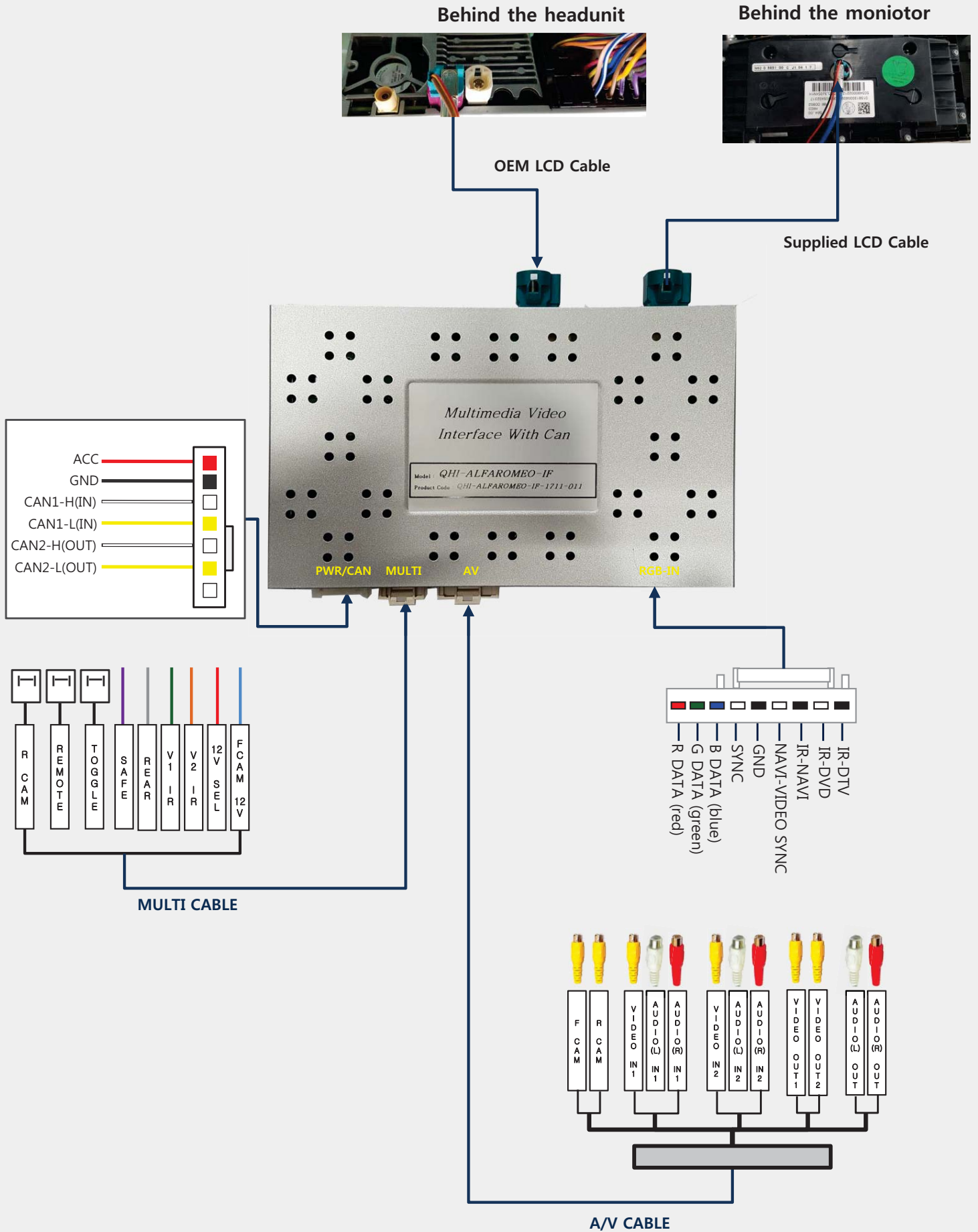
Able to check the version of product

- OEM button

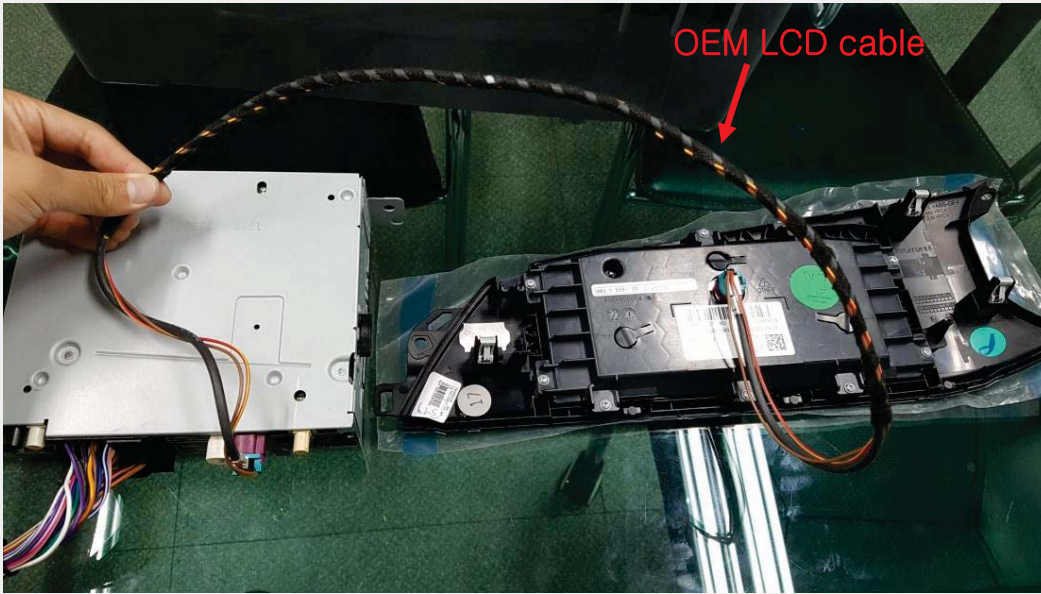


Press "MENU" button placed nearby the gear for a while
to switch the mode
(OEM → RGB → A/V1 → A/V2)

Installation Diagram



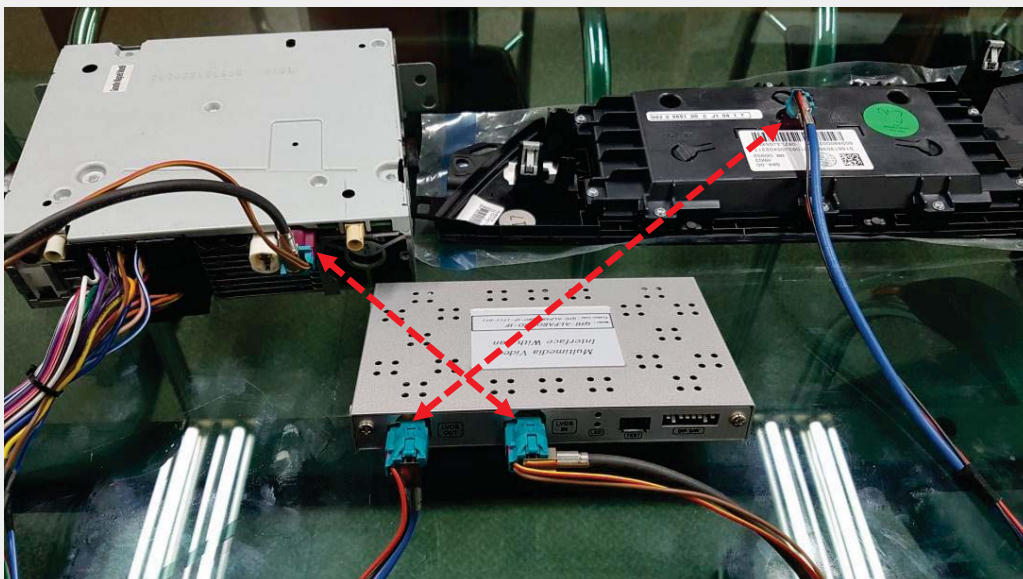
• LCD cable connection



Find OEM LCD cable which is connected between the monitor and the headunit like picture on the left

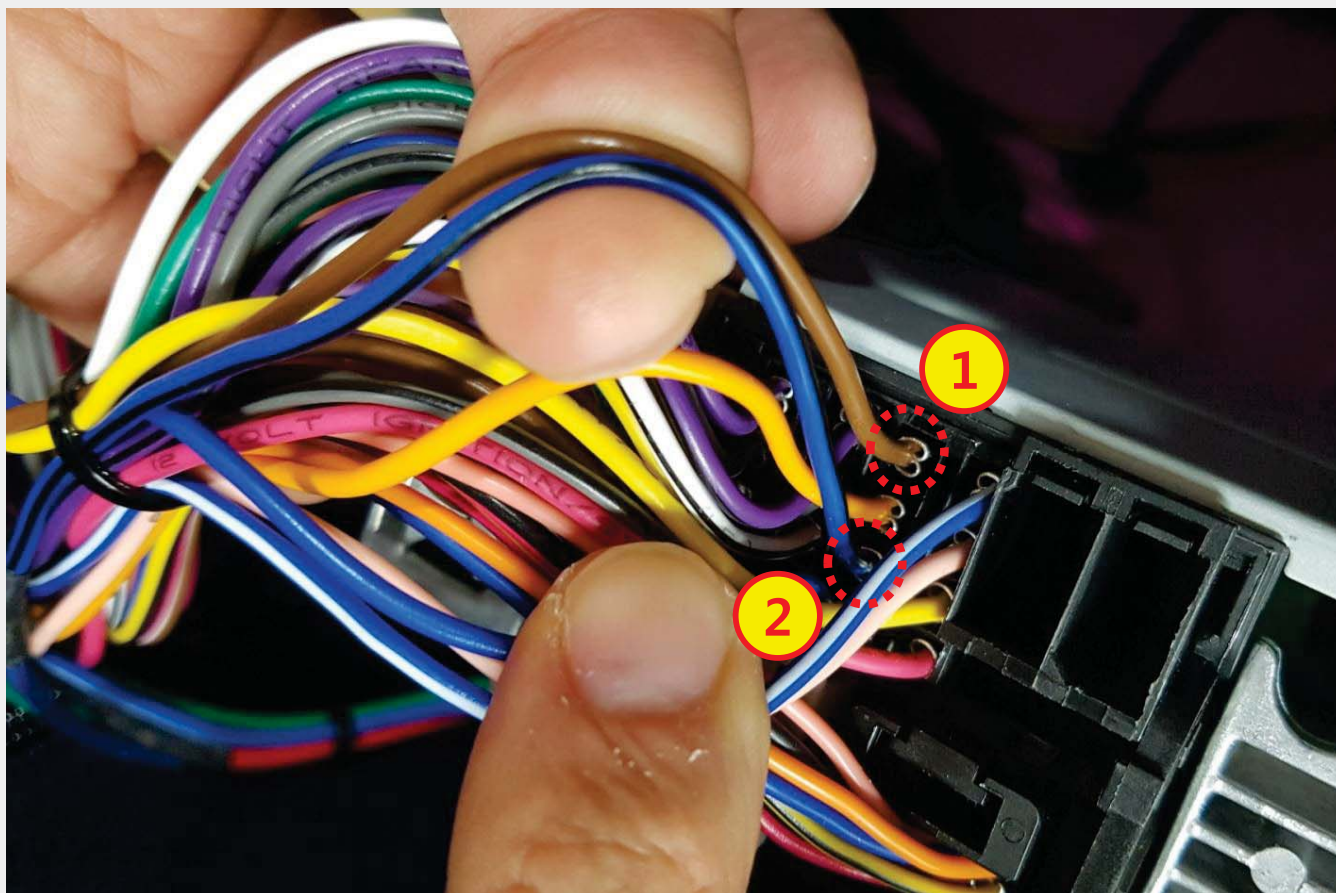


Remove OEM lcd cable from the monitor and connect the supplied lcd cable



OEM LCD cable
→ LVDS IN of the interface
Supplied LCD cable
→ LVDS OUT of the interface

•CAN connection



Find the connector behind the headunit as shown above

Wire marked with ① shall be connected with CAN1-L(IN) from the supplied power cable

Wire marked with ② shall be connected with CAN1-H(IN) from the supplied power cable

The color of wires may vary depends on vehicles.

Make sure that cables are connected to the right pin position.

•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)