


release date : 2011.07.04

model : QVL-GF08-V7 / product code : GF08-1106-004

GVIF08

Specification

Your best partner for better driving

The logo for Qdis, featuring the word "Qdis" in a bold, sans-serif font. The letter "i" has a dot above it. To the right of the text is a large, stylized, dark grey comma-like shape that curves upwards and then downwards.

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1.1 Main Specification

1. Input Spec. (MULTI VIDEO INTERFACE)
 - 3 x A/V Input (External video source).
 - 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
 - 1 x Analog RGB Input (Navigation System output)
 - 1 x LCD Input (Car system Input)
 - 1 x GVIF Input

2. Output Spec.
 - 1 x GVIF Output
 - 4 x Audio Select (12V power comes out from 4wires of cable by video, Navi mode)

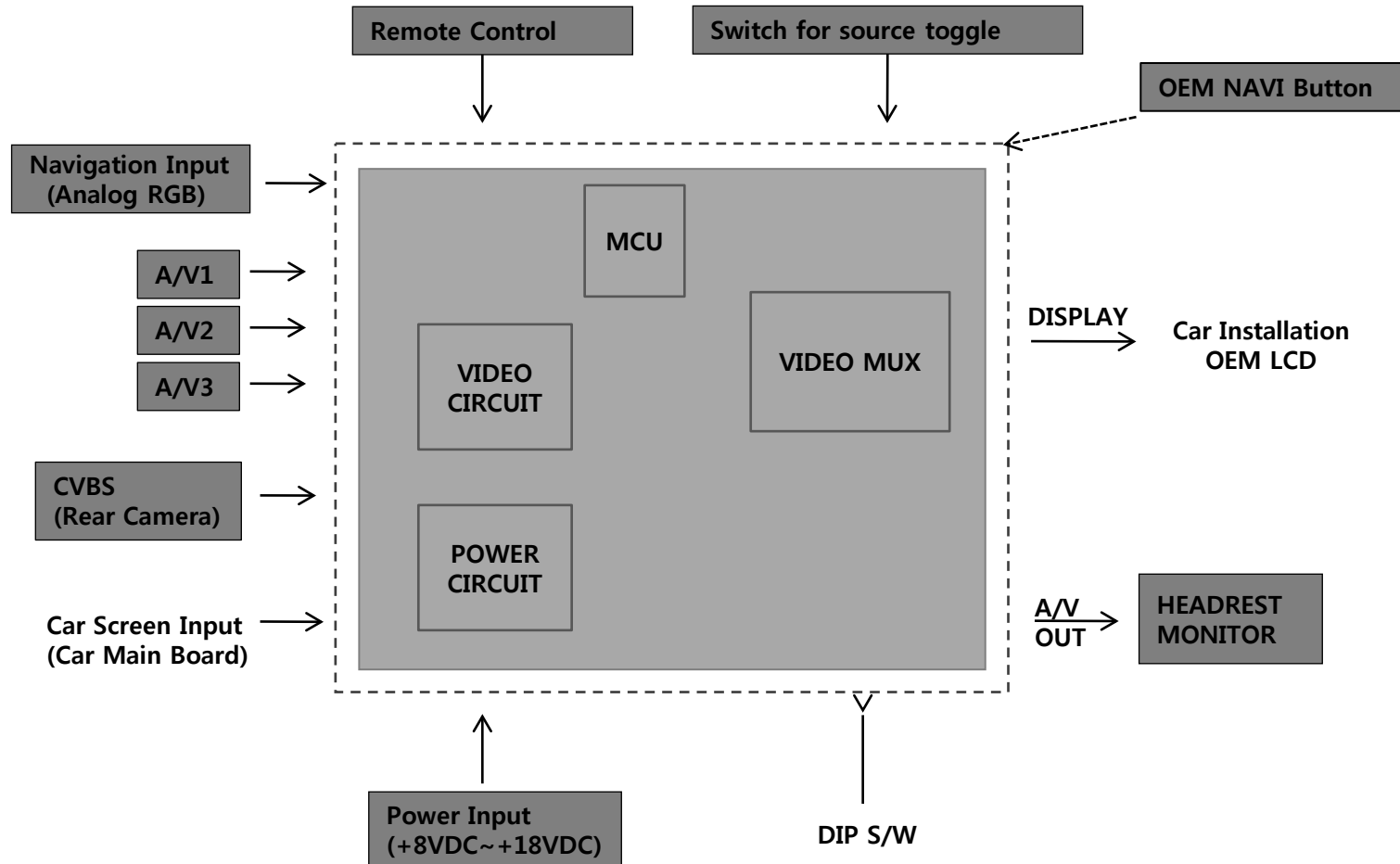
3. Power Spec.
 - Input Power : 8VDC ~ 18VDC
 - Consumption Power : 6WATT, Max

4. Switch Input mode
 - Input Video MUTE Function : Possible to make each input mute by operating Dip S/W.
 - Possible to switch Input mode with Keypad
 - Possible to switch Input mode with switch for source toggle
 - Possible to switch mode through CAN

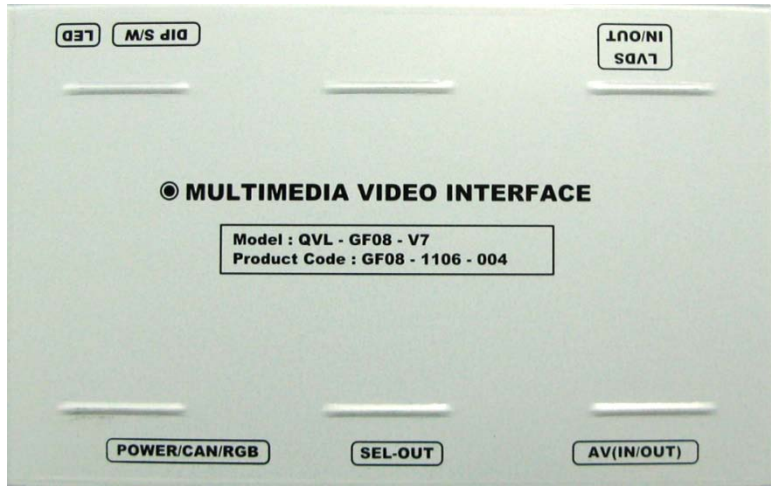
1.2 Features

- Improved High-definition
- Support NTSC, PAL (Lexus is unavailable)
- AV & Navigation control via touching screen for an additional NAVI-SEL (Only available on LAND ROVER)
- Remote controller offered
- Possible to move the displayed position of AV, Navigation.
- Able to run OSD menu without image displayed.

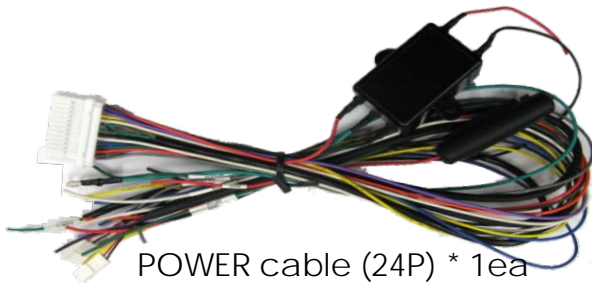
1.3 System Diagram



1.4 Components



Main board * 1ea



POWER cable (24P) * 1ea
(HPOWER0011)



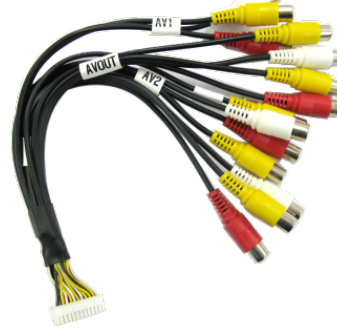
SEL cable * 1ea
(HSELCA0001)



IR cable * 1ea
(HIRCAB0002)



MODE cable * 1ea
(HARETC0001)



AV cable * 1ea
(HAVCAB0002)



RGB cable * 1ea
(HNAVIC0002)

LVDS IN cable * 1ea (Select)



LEXUS Original cable
(HLCDCA0003)



LEXUS cable
(HLCDCA0002)



Land Rover cable
(HLCDCA0001)

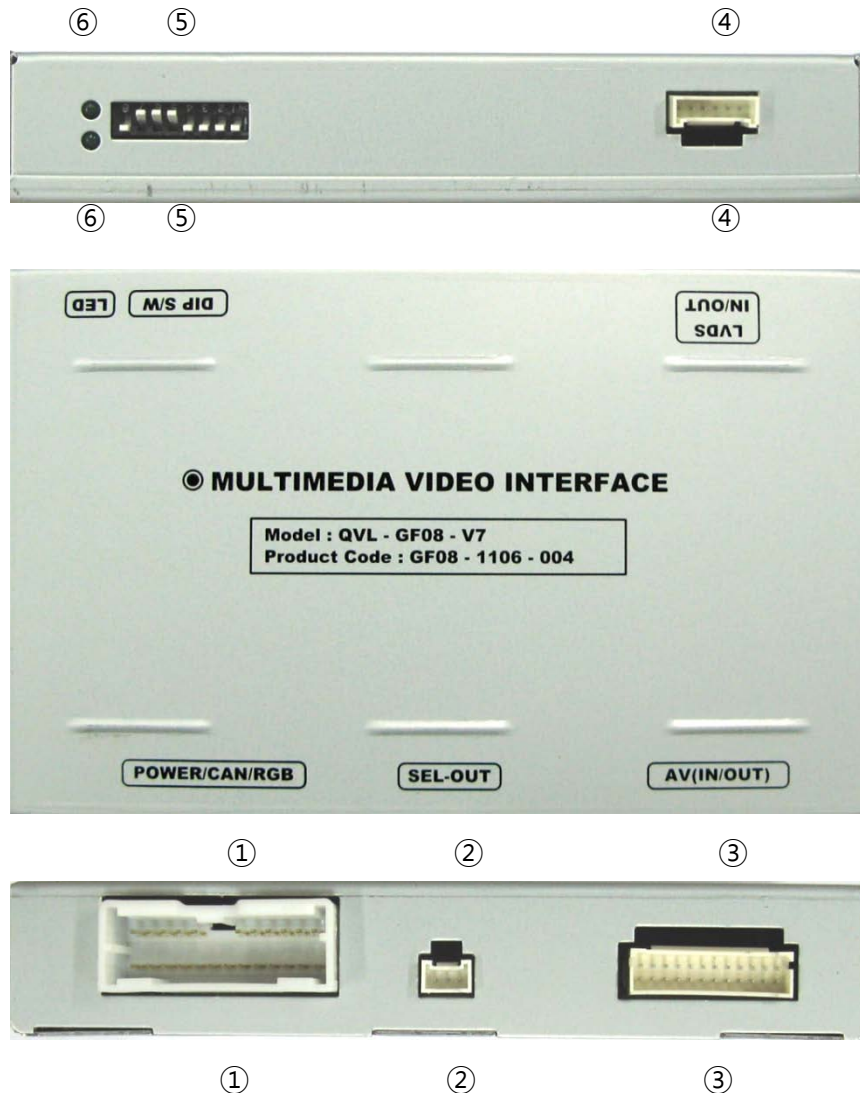


Nissan/Infiniti cable
(HARETC0030)



Remote control * 1ea
(REMOTE0001)

1.5 Exterior



Dimension

Horizontal length 139mm
Vertical length 87mm
Height 24mm

- ① POWER/CAN/RGB
- ② SEL-OUT
- ③ AV(IN/OUT)
- ④ LVDS IN/OUT
- ⑤ DIP S/W
- ⑥ LED

2.1 DIP switch

#PIN	function	DIP S/W selection
1	RGB INPUT MUTE	ON : Skipping RGB Mode OFF : RGB Display
2	A/V 1 MUTE	ON : Skipping A/V 1 OFF : A/V1 Display
3	A/V 2 MUTE	ON : Skipping A/V 2 OFF : A/V2 Display
4	A/V 3 MUTE	ON : Skipping A/V 3 OFF : A/V3 Display
5	To select car model	ON : Lexus OFF : Land Rover
6	To select original NAVI	ON : For using original NAVI OFF : Not use original NAVI
7	Rear Mode	ON : External Rear Camera OFF : OEM Rear Camera
8		N.C

※ ON : DOWN, OFF : UP

※ DIP S/W usage

[LEXUS]

-Input mode to intend to use : MAIN + A/V3

-Rear view camera : installation on CVBS4

- ▷ DIP S/W : 1,2,3 → ON (INPUT MODE SKIP)
- ▷ DIP S/W : 4 → OFF (A/V3 available)
- ▷ DIP S/W : 5 → ON
- ▷ DIP S/W : 6 → OFF
- ▷ DIP S/W : 7 → ON (CVBS4 available)
- ▷ DIP S/W : 8 → OFF



2.2 Remote controller

Key	Function
POWER & PIP	Not for use
MENU	OSD implementation
OK	Making a selection
▲	Move upward
▼	Move downward
◀	Move leftward, press 2 seconds long-Factory mode implementation
▶	Move rightward, press 2 seconds long-Factory Mode implementation-Factory mode Reset



2.3 OSD (on screen display)

OSD menu: Press "MENU" button on the remote controller.

Analog RGB MODE



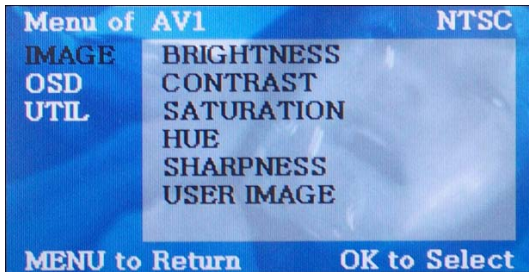
Analog RGB MODE



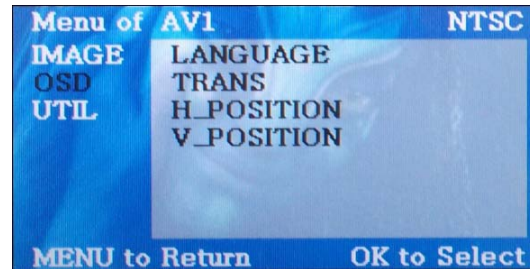
Analog RGB MODE



Video MODE



Video MODE



Video MODE



IMAGE

- BRIGHTNESS
- CONTRAST
- SATURATION
- HUE
- SHARPNESS
- USER IMAGE : To choose a option among 4 prepared color shade.

OSD

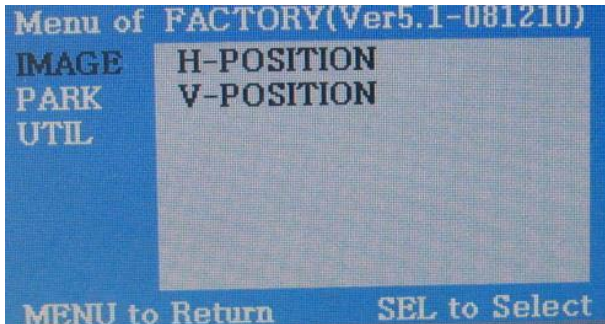
- LANGUAGE : To change the language displaying on navigation, DVD, CMMB OSD menu (select 1 among English or Chinese)
- TRANS : Transparency control of the OSD background
- H_POSITION : Horizontal movement of the OSD window
- V_POSITION : Vertical movement of the OSD window

UTIL

- FACTORY RESET : To reset all the values about navigation, DVD screen to factory default. (NOT available for reset of the position value of images, only for functions inside OSD menu)

2.4 Factory mode

Factory mode: press ◀ button 2 seconds long.



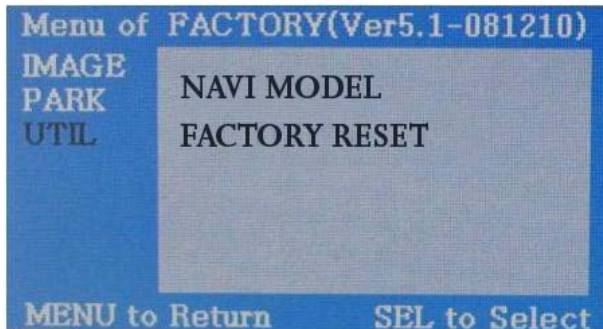
IMAGE

- H_POSITION : Horizontal movement of the OSD window
- V_POSITION : Vertical movement of the OSD window



PARK

- PARK ENABLE : Setup of rear view parking guide line
- PARK SETUP : Control over position of rear view parking guide line.
(Refer to page 12)
- SAFE ENABLE : To select whether to use SAFE function (NOT to allow watch video while driving) or not.

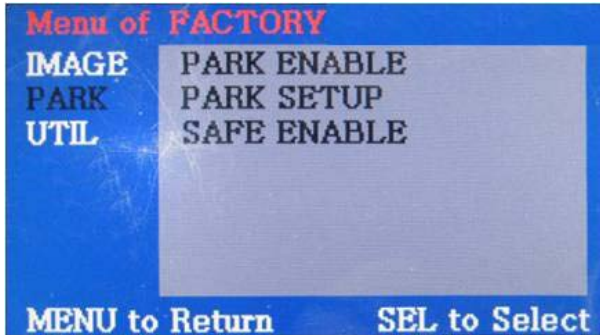


UTIL

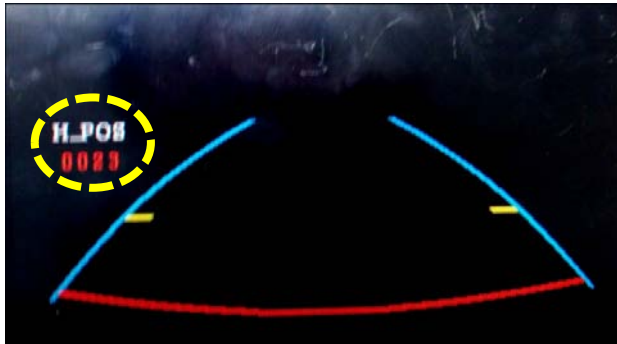
- NAVI MODEL : KD680_NEW – for Chinese
NAV N GO – for Europe
KD900(WVGA) – High Definition
- FACTORY RESET : To reset all the value in factory mode

2.5 Rear view parking guide line

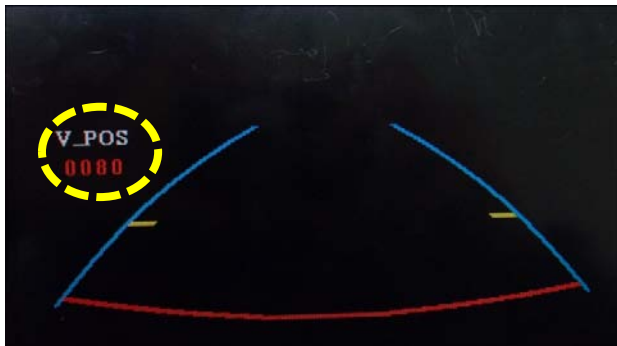
Factory mode: press ◀ button 2 seconds long.



① Register the value needed on the "PARK ENABLE" as "ON" in the PARK section as shown left. **(default – ON)**

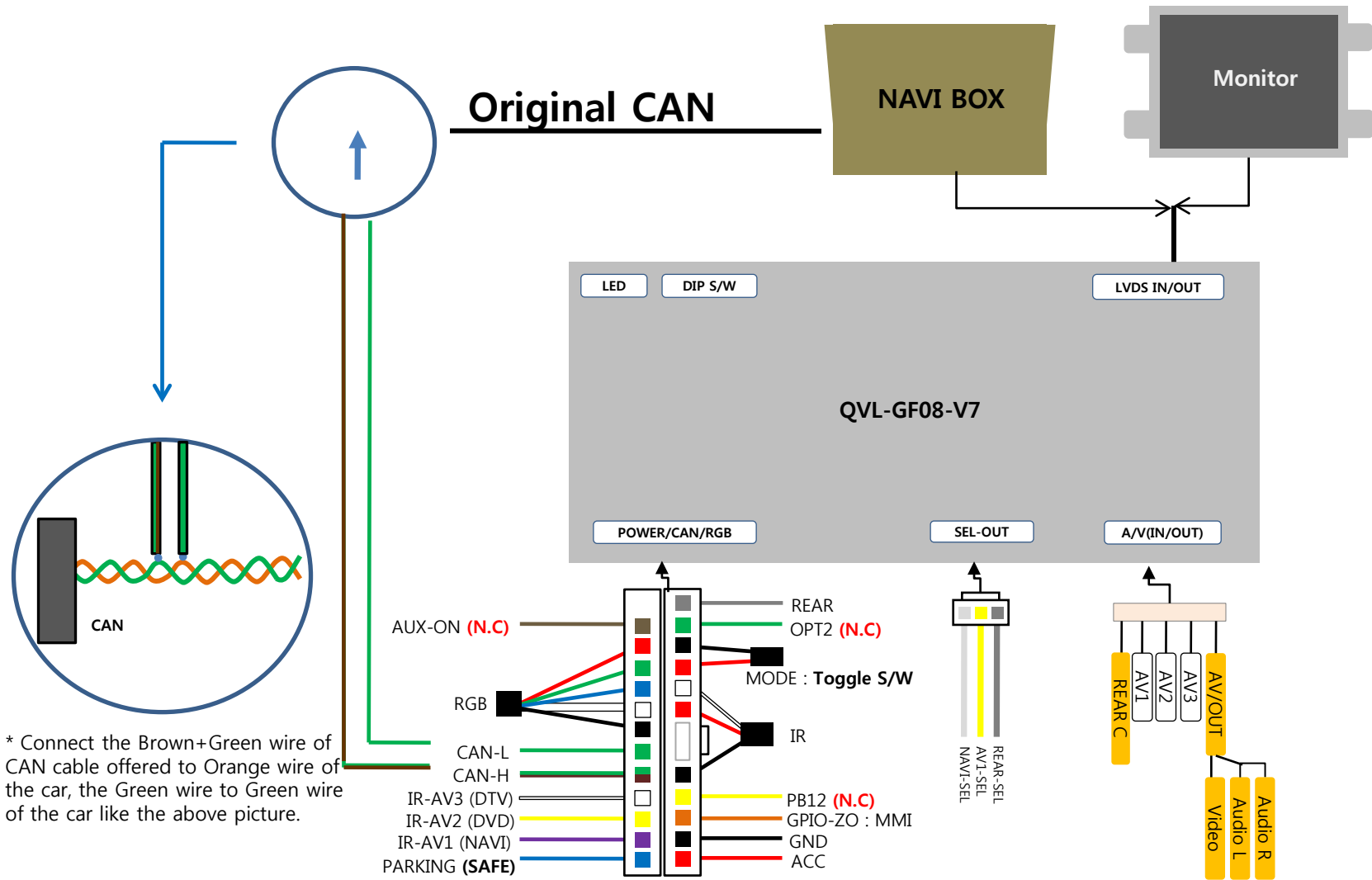


② If you get rear gear after setup, parking guide line will appear on screen as shown left. Now that you push "OK" button, you can see "H-POS" on the left of screen. Then adjust horizontal position of the guide line.



③ After adjusting horizontal position, press "OK" on the remote controller. Then you can see "V-POS" on the left of screen. At that time you can adjust vertical position of the guide line.

3.1 Installation diagram

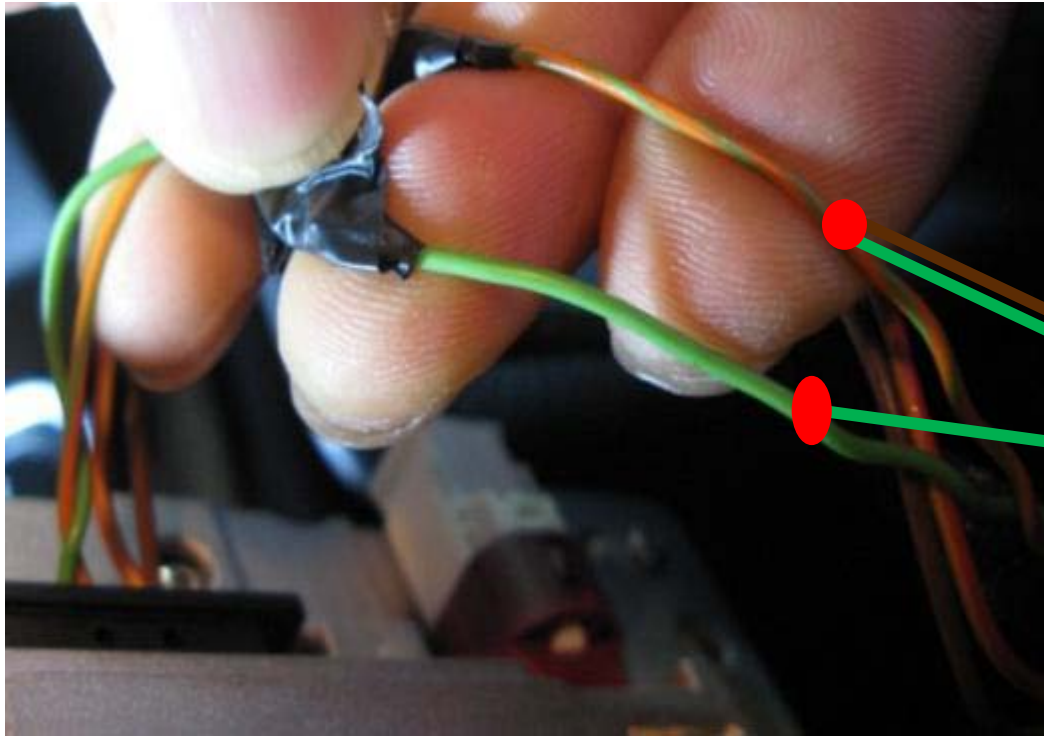


* Connect the Brown+Green wire of CAN cable offered to Orange wire of the car, the Green wire to Green wire of the car like the above picture.

3.2 Cautions on installation

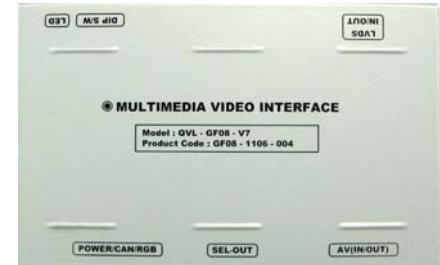
- Ignition key should be taken off before starting installation, interface power connection must be the last step in installation.
- Power cable should be separated when connecting interface.
- Should be no any electronic devices or magnetic pole around installation place.
- All steps of installation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

3.3 Connecting CAN cable



CAN-High

CAN-Low



POWER CABLE

* Connect the Brown+Green wire of CAN cable offered to Orange wire of the car, the Green wire of CAN cable offered to Green wire of the car like the above picture.

4. Troubleshooting

Q. I can not switch A/V sources.

A. Check IR or Ground cable connection. Check LED lamps in the interface, if it is not on, check 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 dim or not suitable color)

A. Try to select "INITIAL" in OSD menu, if it does not work, inform the manufacturer.)

Q. Rear camera image does NOT appear.

A. Set DIP switch #7 in "ON"

Q. Unwanted A/V mode is displayed. (A/V source switching order : OEM->RGB->AV1->AV2->AV3)

A. Check DIP Switch Setting.

Q. OEM image is not displayed.

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

Q. Screen only displays white like left picture.

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