

Video Interface for Nissan Juke 2013- Manual

Warning / Caution



Warning

- When installing the main unit, do not remove or alter existing vehicle fasteners, including nuts, bolts, screw, clips, and fittings. Never detach, move or alter existing vehicle wiring, including electrical grounds and straps. Alteration of existing vehicle components may make vehicle unsafe to operate. Should be no any electronic devices or magnetic pole around installation place.
- Air bags are vital part of a safety system. Never install main unit in a way which will alter air bag wiring or interfere with air bag deployment. Air bags must function properly in the event of an accident.
- Before installing, check the location of pipe, tank, electrical cables and others.
- Read and follow the instruction manual.
- Wiring location must not interfere driving, get in or out from car.
- Use electrical tape to insulate the ends of all wires, even if they are not used. Proper insulation prevents arcs, shocks and fires.
- When installation is complete, test all vehicle electrical systems to ensure they operate correctly, including lights, horn, brake lights, and emergency flashers.
- According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.



Caution

- All steps of installation should be done by well-trained specialist.
- During installation ignition key should be taken off and after all installation finish connect power cable with interface for the last step.
- Do not install the main unit in places where it may be exposed to dew condensation (around the air conditioning hose, etc), or in locations where it may come in contact with water, high levels of moisture, dust or oily smoke
- Install wiring in a manner in which cables will not come in contact with metal parts. The wiring may be damaged by contact with metal parts, resulting in fire and shocks. Avoid all contact with hot surfaces when wiring the main unit. High temperatures may damage wiring, causing shorts, arcing and fires.
- Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer.

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1. Specifications

1.1 Main Specifications

1. Car Compatibility

NISSAN JUKE 2013 Model

2. Components

Video Interface* 1EA

Touch Sub board* 1EA

3. MULTIMEDIA INTERFACE input specification

2 * A/V input (video external input)

1 * CVBS(Rear Camera) input

1 * Analog RGB input (Navigation system output)

1 * LCD input (Car system input)

4. MULTIMEDIA INTERFACE output specification

1 * LCD output

5. Power specification

Input power : 8VDC ~ 16VDC

Consumed power : 4WATT

6. Switch input mode

- Through Factory setup

- Through remote control, can change input mode

- Through rear lamp cable, rear camera can be detected

1. Specifications

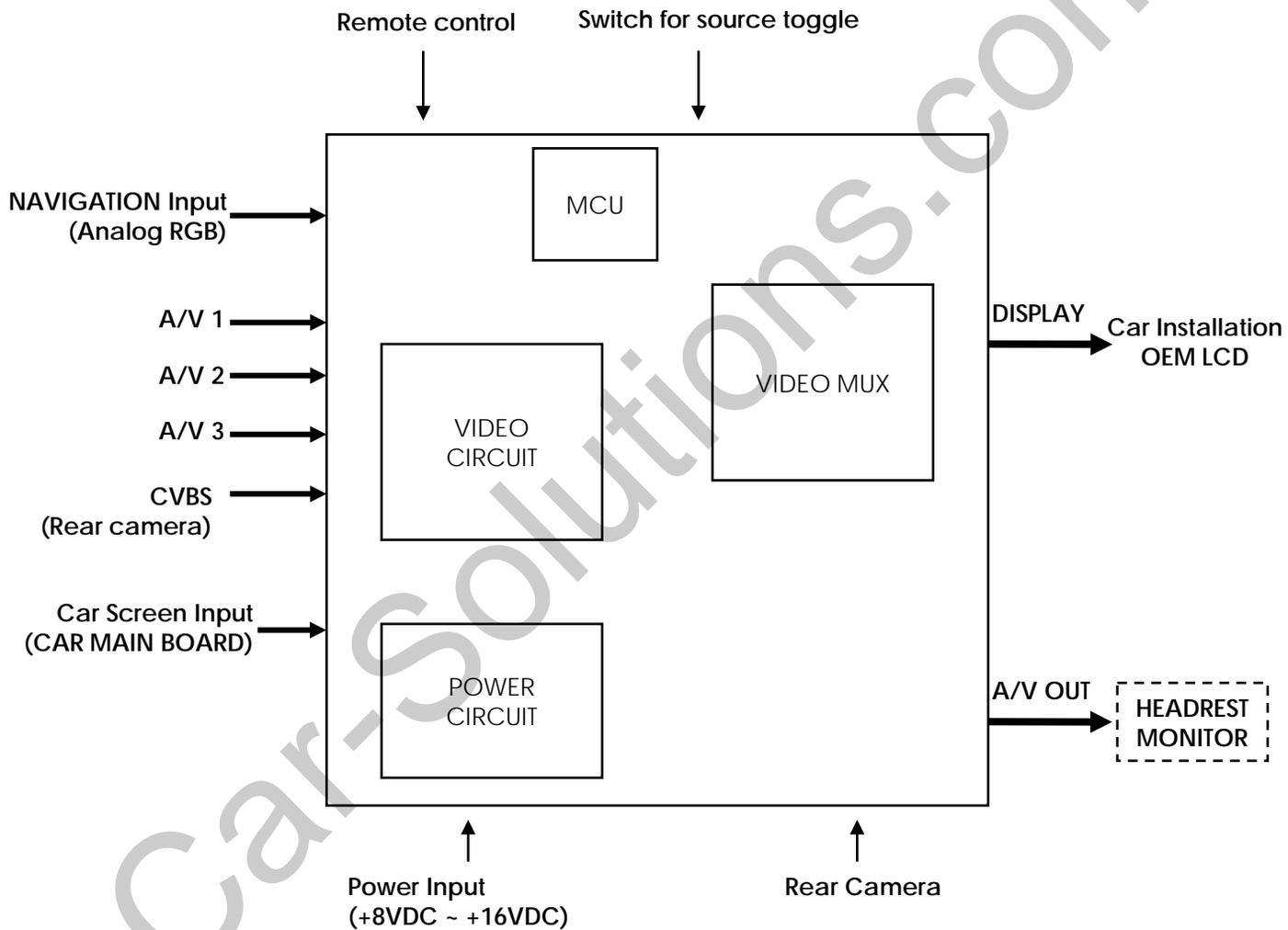
1.2 Features

- Improved Screen Display (user-oriented interface)
- Provide power cable to connect with rear camera
- Possible to select type for Parking assistant line

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1. Specification

1.3 System Diagram



1. Specification

1.4 Components



TOUCH OUT cable * 1ea
(HTOUCH0004)

REAR CAMERA
POWER cable * 1ea
(HARETC0002)

RGB cable * 1ea
(HNAVIC0004)

IR cable * 1ea
(HIRCAB0002)



MODE cable * 1ea
(HARETC0001)



A/V cable * 1ea
(HAVCAB0017)



POWER cable (24P) * 1ea
(HPOWER0051)



<Main Board>



Sub-board * 1ea
(QCPASS0477)



Bracket * 1ea
(PRESET0147)



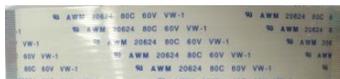
REMOTE CONTROL * 1ea
(REMOTE0001)



Opposite side FFC cable * 1ea
(FFCABL0039)



Opposite side touch FFC cable * 1ea
(FFCABL0029)



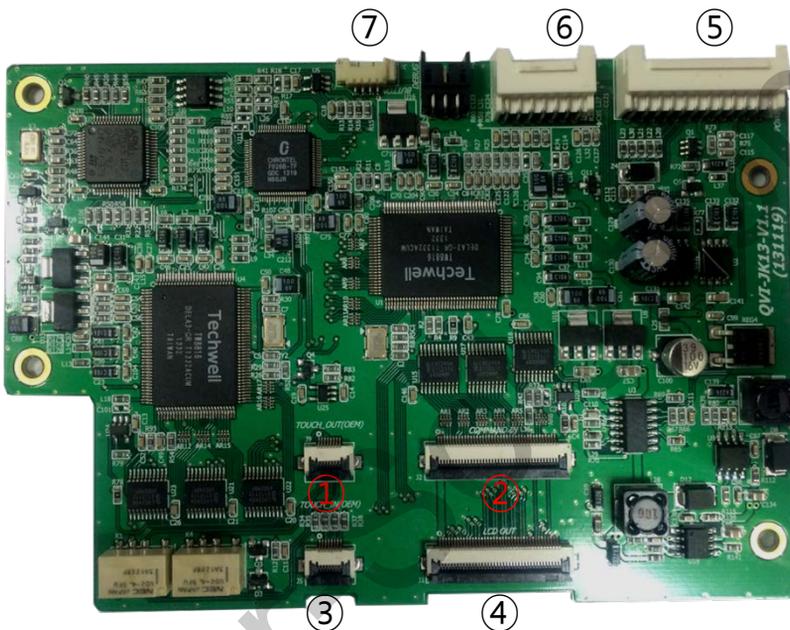
Same side FFC cable * 1ea
(FFCABL0040)



Same side touch FFC cable * 1ea
(FFCABL0041)

1. Specifications

1.5 Exterior



Dimension

Width 134mm

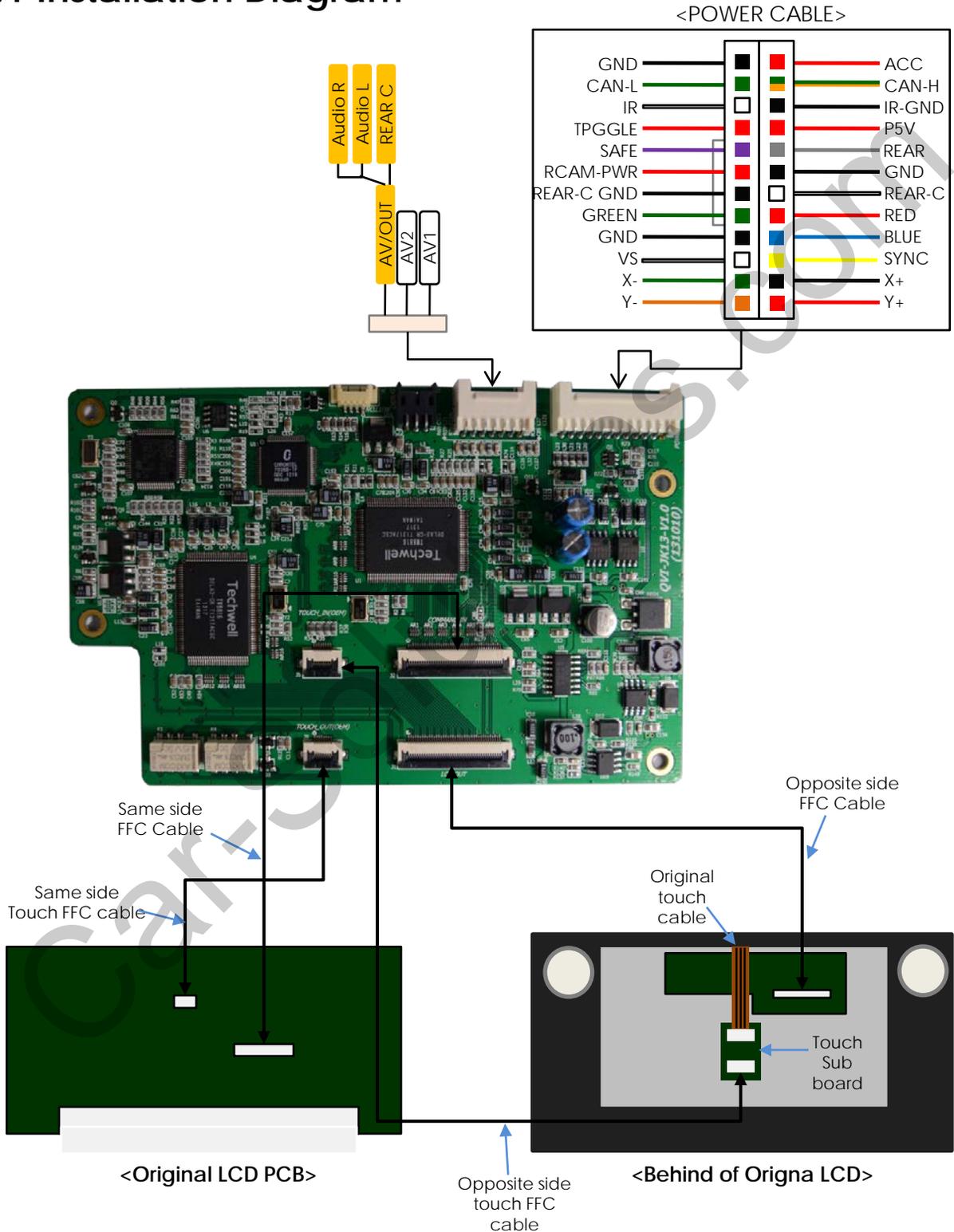
Length 84mm

Height 9mm

- ① TOUCH_OUT(OEM)
- ② COMMAND IN
- ③ TOUCH_IN(OEM)
- ④ LCD OUT
- ⑤ POWER/NAVI/CAN
- ⑥ A/V IN
- ⑦ BUTTON

2. Installation

2.1 Installation Diagram



2. Installation

2.2 Installation



- ① Remove the monitor from the car (see picture above), Separate the LCD and the body part.

2. Installation

2.2 Installation



- ① After dismantle the body, assemble provided bracket with bolt on indicated places.
- ② After assembling the bracket, put provided SUB-BOARD with bolt on indicated places.

2. Installation

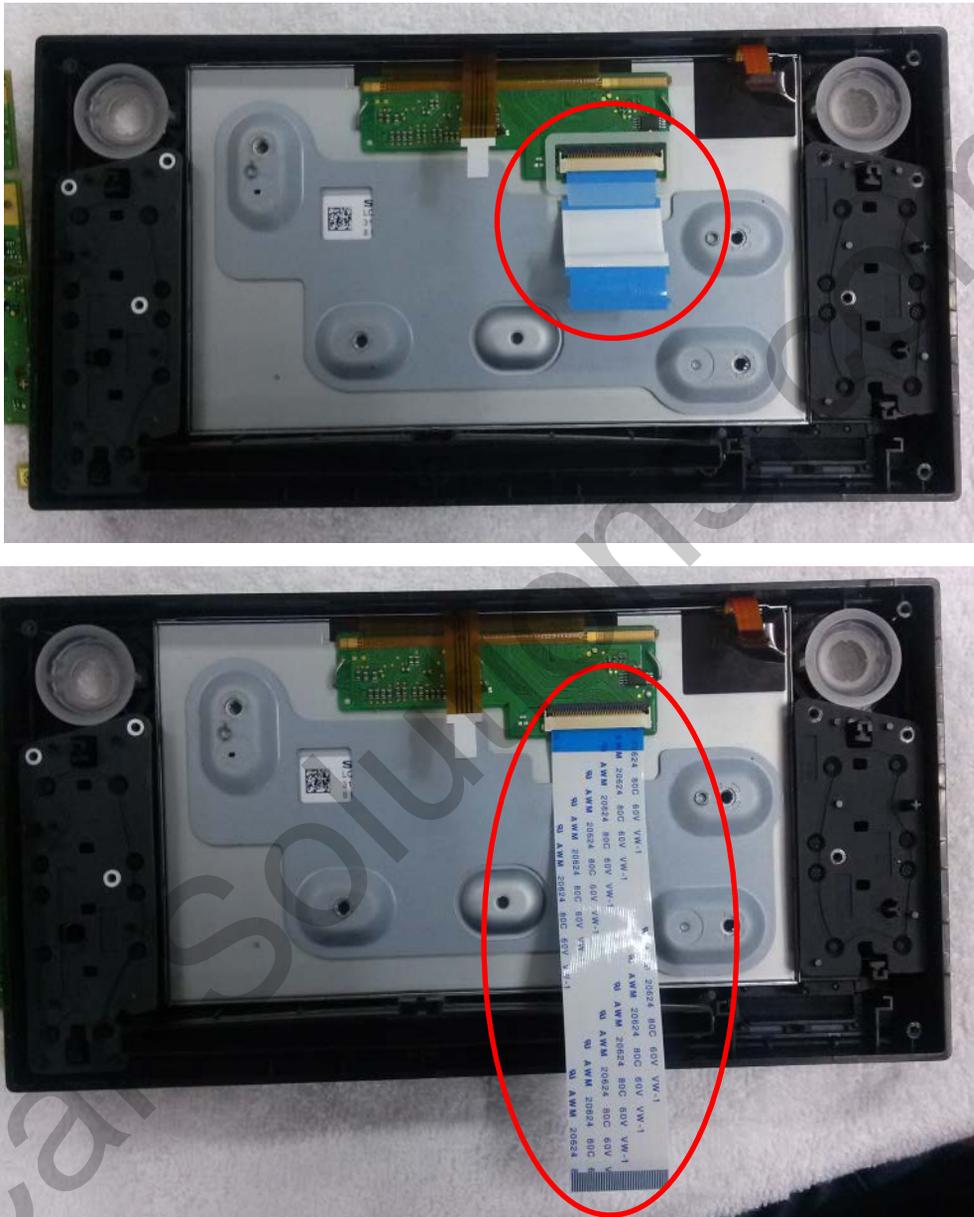
2.2 Installation



-
- ① Separate steel plate on the back of LCD.
See picture above.

2. Installation

2.2 Installation



- ① After removing LCD board, separate the original cable on indicated places and connect with provided FFC cable on the other side.

2. Installation

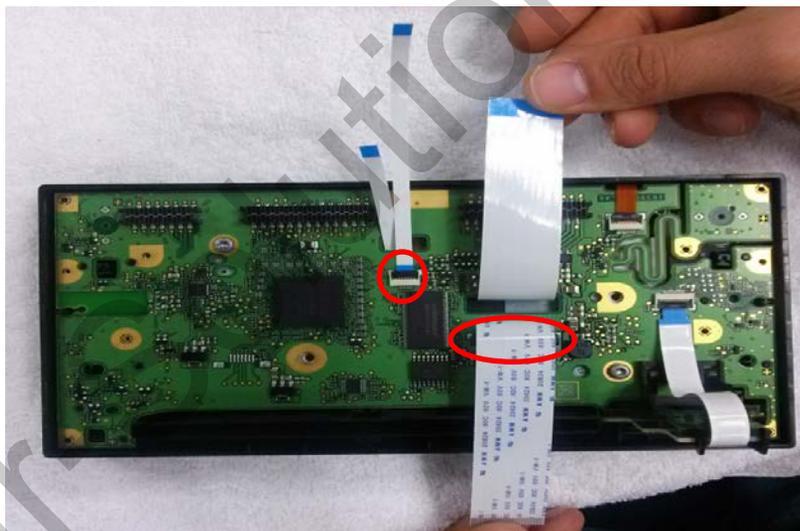
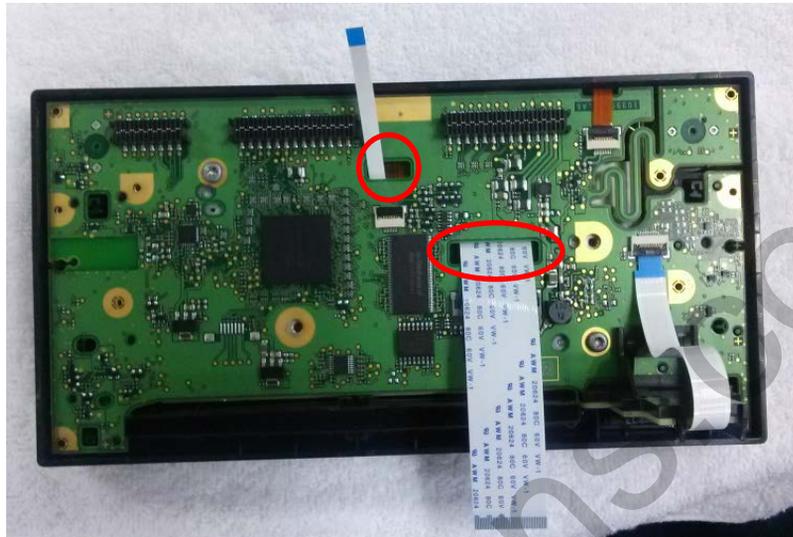
2.2 Installation



- ① After connecting original gold cable with provided touch board, connect with the other side of provided FFC cable (see picture above).

2. Installation

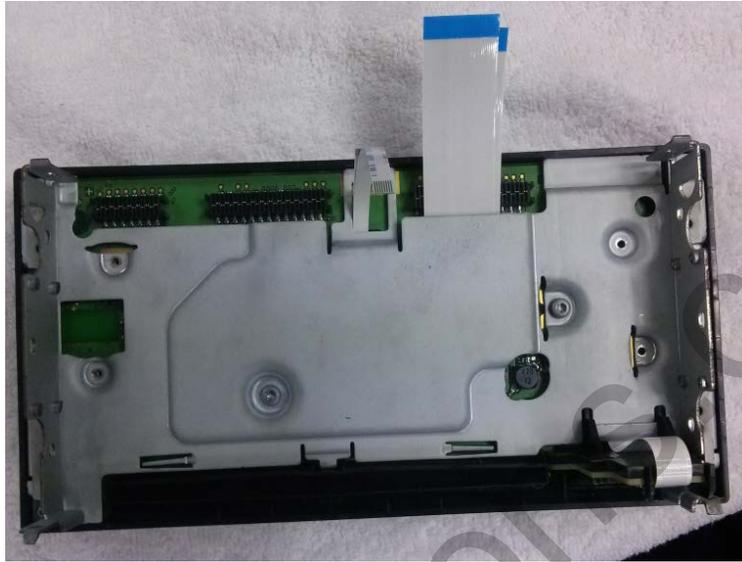
2.2 Installation



- ① Put together the LCD, take out the cable from indicated spot (see picture above).
- ② Connect the FFC cable (same side) with indicated place (see picture above).

2. Installation

2.2 Installation



- ① Put together the still plate and take out the cable as shown above. And assemble again with the main board.

2. Installation

2.2 Installation



-
- ① Connect the cables as shown above.
 - ② After connecting cables, assemble the board in order as doing dismantling.

3. Settings

3.1 Remote Control

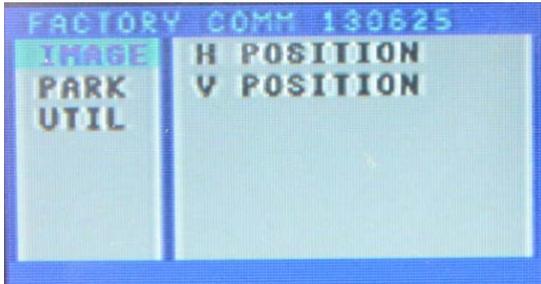


<i>Key</i>	<i>Function</i>
POWER & PIP	Unavailable
MENU	Activating OSD menu
OK	Making a selection, changing image display
▲	Moving upward
▼	Moving downward
◀	Moving leftward (If you press this button 2 seconds long, you can access the factory mode.)
▶	Moving rightward (If you press this button 2 seconds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

3. Settings

3.2.1 Factory mode-Image, Park

FACTORY mode - Press ◀ button 2 seconds long on the remote control.

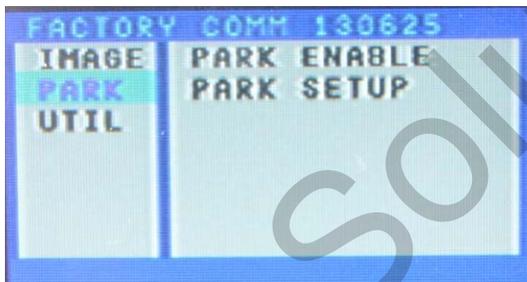


IMAGE

Adjust navigation position and size

H-POSITION : Move display horizontally

V-POSITION : Move display vertically



PARK

PARK ENABLE : Selecting whether to display the parking guide line or not on rear gear (default : OFF)

PAS SETUP : Adjusting the position of the parking guide line (available in PARK SETUP -> V-POSITION, H-POSITION)

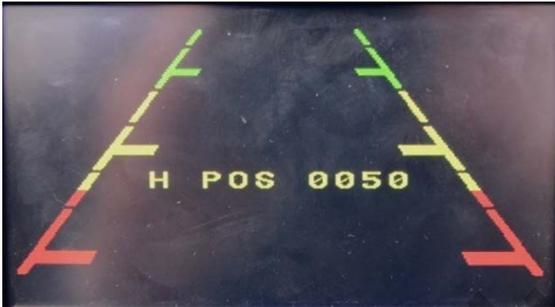
3. Settings

3.2.1 Factory mode-Image, Park

FACTORY mode - Press ◀ button 2 seconds long on the remote control.

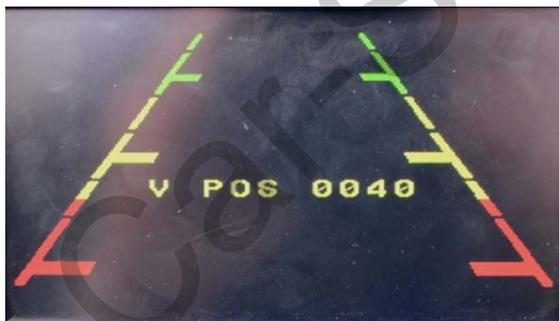
Go to Factory Menu, choose PAS SETUP, by using OK button change H-POS → V-POS

□ H-POS



In H-POSITION, use ◀, ▶ on remote control, to adjust parking guideline left and right.

□ V-POS



In V-POSITION use ▲, ▼ on remote control, to adjust parking guideline up and down.

3. Settings

3.2.2 Factory mode-Util

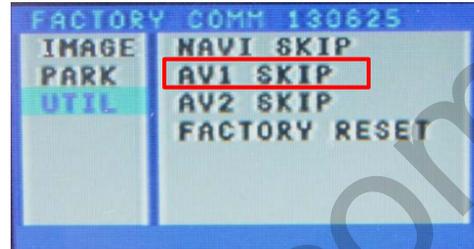
FACTORY mode – Press ◀ button 2 seconds long on the remote control.



UTIL – NAVI SKIP

Selecting whether to display RGB Mode or not

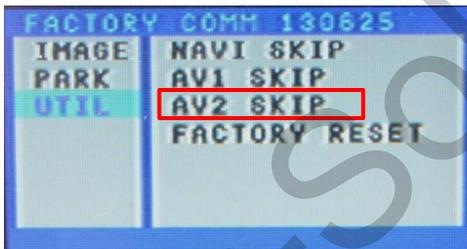
YES(Not use) / NO(use-Default)



UTIL – A/V1 SKIP

Selecting whether to display A/V1 Mode or not

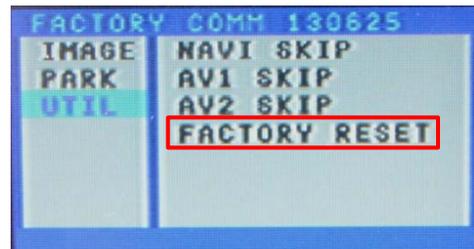
YES(Not use) / NO(use-Default)



UTIL – A/V2 SKIP

Selecting whether to display A/V2 Mode or not

YES(Not use) / NO(use-Default)



UTIL – FACTORY RESET

FACTORY MODE RESET

Same functions as press long to right button in remote controller

3. Settings

3.3.1 OSD (On Screen Display) / Analog RGB Mode



IMAGE

- * BRIGHTNESS
- * CONTRAST
- * SHARPNESS
- * USER IMAGE : able to make a choice among 4 set-colors of the screen

COLOR

- * RED
- * GREEN
- * BLUE
- * USER COLOR : able to make a choice among 4 set-colors of the screen



OSD

- * TRANSPARENT : Adjust OSD transparency
- * H_POSITION : Move OSD horizontally
- * V_POSITION : Move OSD vertically

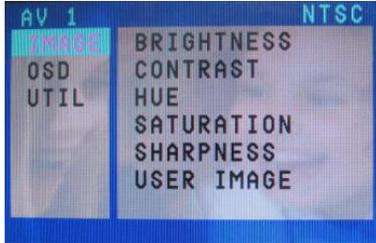


UTIL

- * FACTORY RESET : Factory reset only for OSD function (unable reset video position)

3. Settings

3.3.2 OSD (On Screen Display) / Analog RGB Mode



□ IMAGE

- * BRIGHTNESS
- * CONTRAST
- * SATURATION
- * HUE
- * SHARPNESS
- * USER IMAGE : able to make a choice among 4 set-colors of the screen



□ OSD

- * TRANSPARENT : Adjust OSD transparency
- * H_POSITION : Move OSD horizontally
- * V_POSITION : Move OSD vertically



□ UTIL

- * FACTORY RESET
: Factory reset only for OSD function (unable reset video position)

4. 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. Try to select "INITIAL" in OSD menu, 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. Show PIP function via handle button, and original screen appear half only.

- A. This is not because of faulty interface, please check original monitor split function settings.

Q. After connect CAN cable, set gear "P", video doesn't appear.

- A. Go to "FACTORY MODE" and check "UTIL-Rear Select". Change "LAMP" settings to "CAN" with remote control.

※ LAMP : In case of connecting "Rear-C" wire of Power Cable to Rear Lamp in vehicle.

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