

Instruction Manual

RENAULT MEDIA NAV for RENAULT



GU ELECTRONIC

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Specification

1. Main spec.

1-1 Input Spec. (MULTI VIDEO INTERFACE)

- 1 x HDMI Input
- 2 x A/V Input (External video source).
- 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
- 1 x CVBS(FRONT CAMERA) Input. (Front camera source)
- 1 x Analog RGB Input (Navigation System output)

1-2 Output Spec.

- 1 x LCD Output (LCD Operation)
- 1 x Resistive Touch

1-3 Power Spec.

- Input Power : 8VDC ~ 24VDC
- Consumption Power : 12Watt, Max

1-4 Switch Input mode

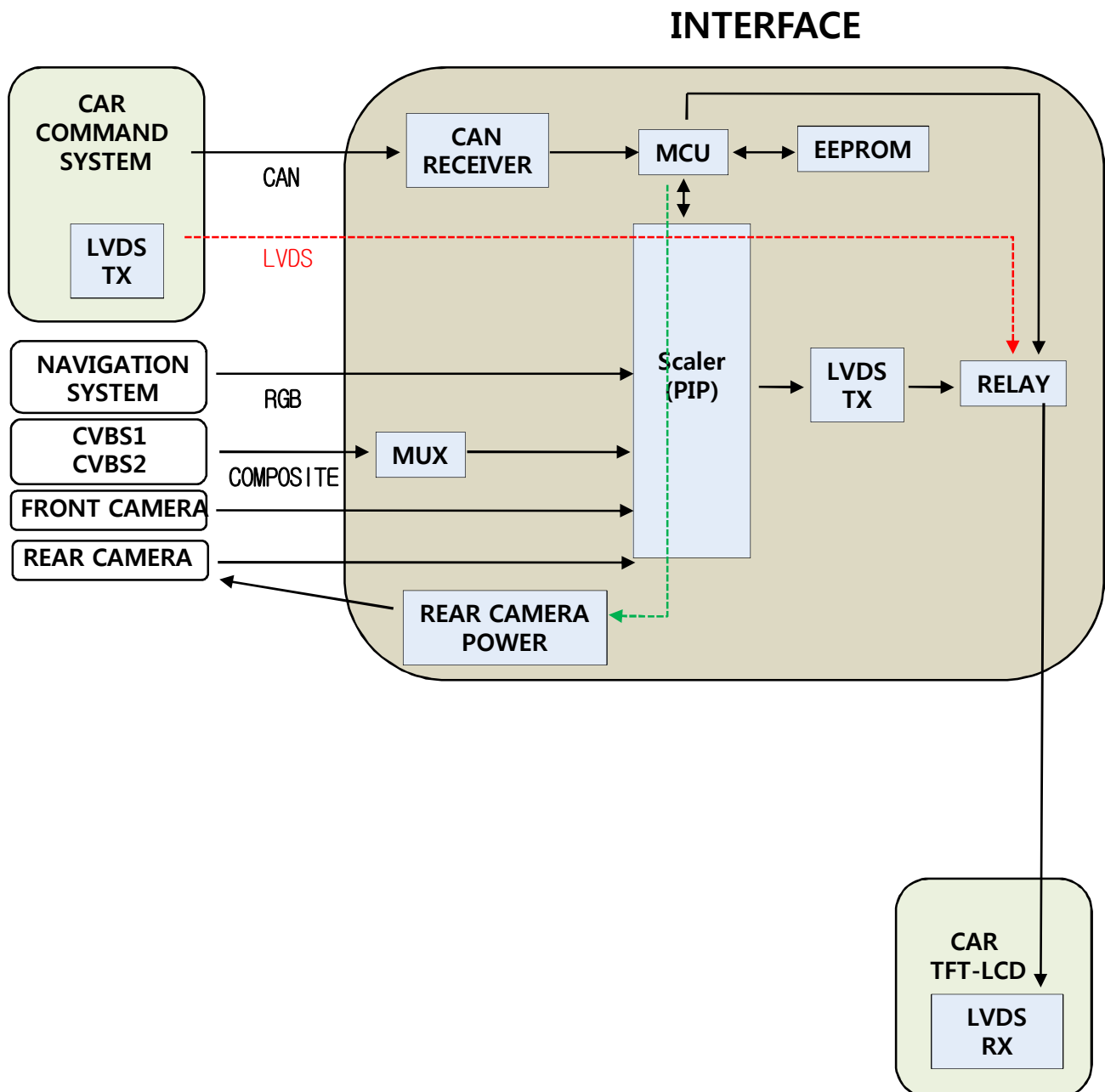
- Possible to switch input mode through "HOME" button on screen

2. Features

- Possible to register IR code of DVD/DTV
- Possible to control DVD/ DTV by touch
- Easy installation with plug & play LVDS cable

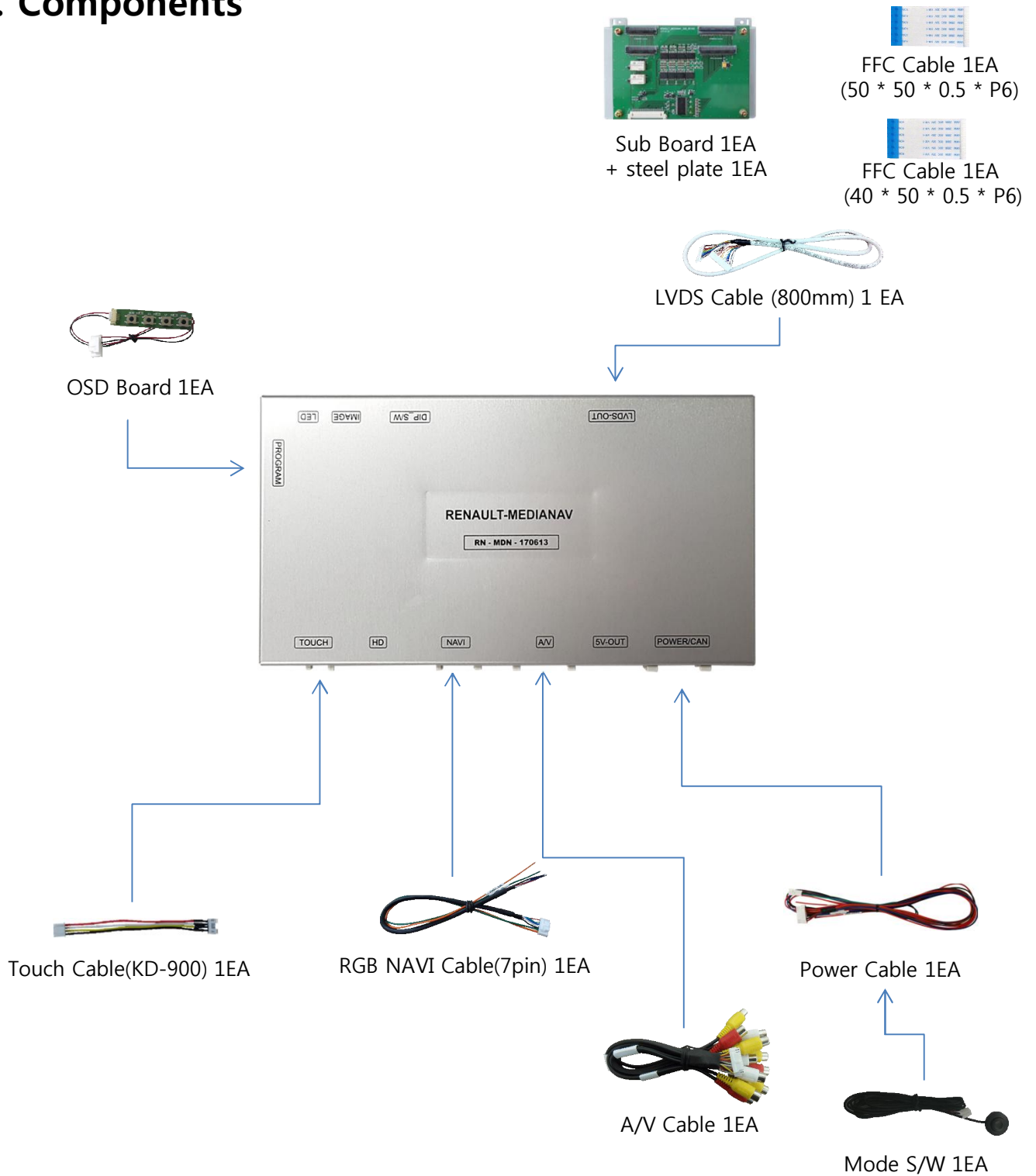
Specification

2. Diagram



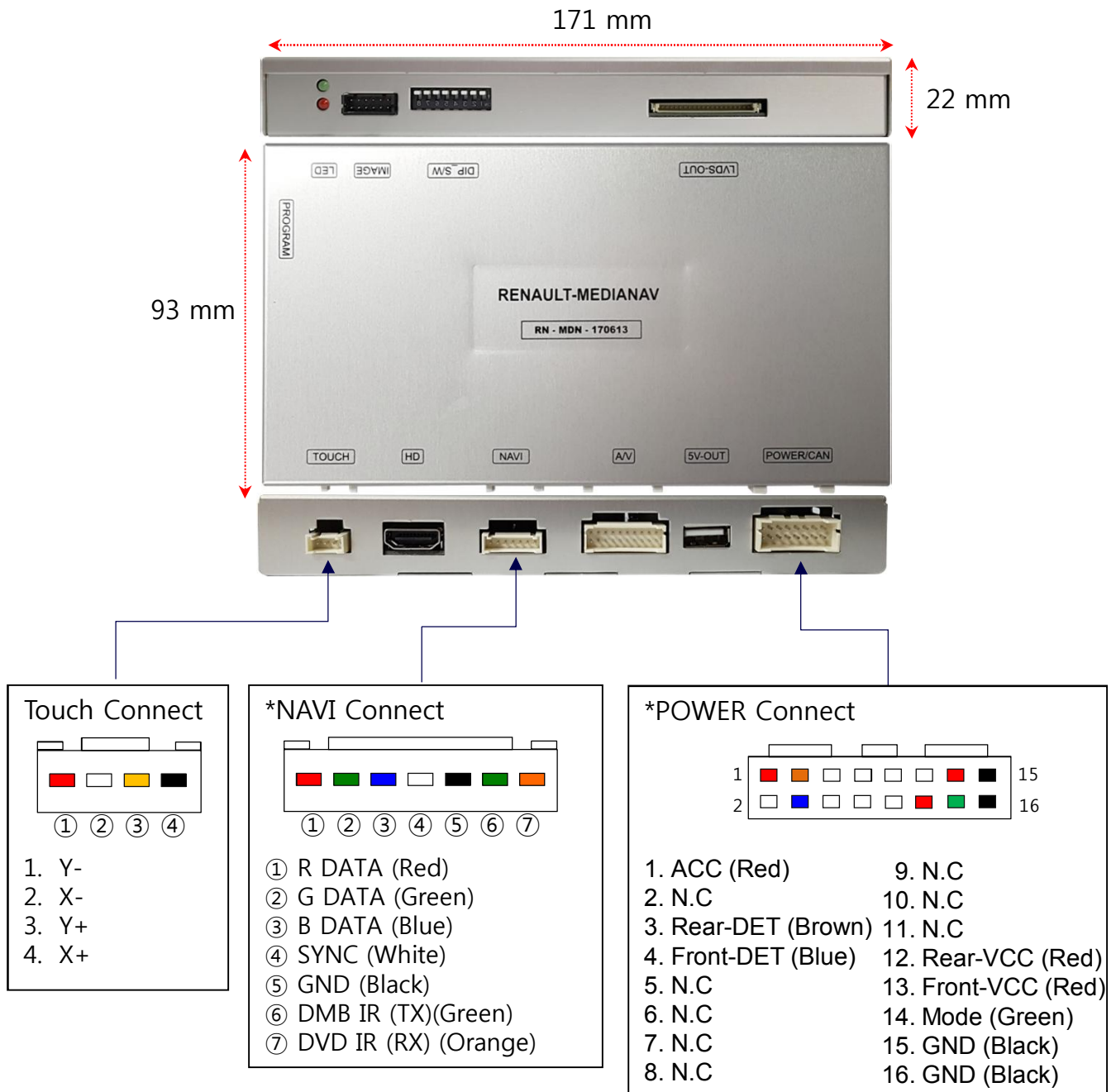
Specification

3. Components



Specification

4. Exterior



Settings

1. Dip Switch

* ON : DOWN , OFF : UP

NO.	Function	Selection
1	NAVI	ON : Skipping NAVI OFF : Display
2	AV1 (DVB-T)	ON : Skipping AV1 (DVB-T) OFF : Display
3	AV2 (DVD)	ON : Skipping AV2 (DVD) OFF : Display
4	HDMI	ON : Skipping HDMI OFF : Display
5	N.C	
6	Car Model	OFF : Media NAV 7" Model
7		OFF : Media NAV 7" Model
8		OFF : Media NAV 7" Model

* Example



Media NAV 7" Model

* OEM TOUCH ON / OFF SETTING



OEM TOUCH : ON
(For using OEM touch in external screen
– Control NAV, DTV, DVD by OEM touch)



OEM TOUCH : OFF
(Blocking OEM touch in external screen
– For reverse CAM, HDMI)

Settings

2. How to distinguish “MEDIA NAV” and “R-LINK” ?

※ Check the shape of the buttons on the right



MEDIA NAV



R-LINK

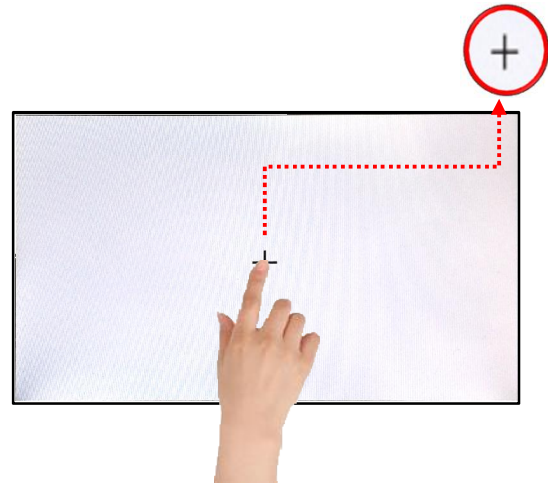
Settings

3. Touch screen – Touch calibration

1. OEM Screen Setting



Touch OEM screen in any mode more than 7sec. For calibration
(This function can be activated only one time after switching mode)

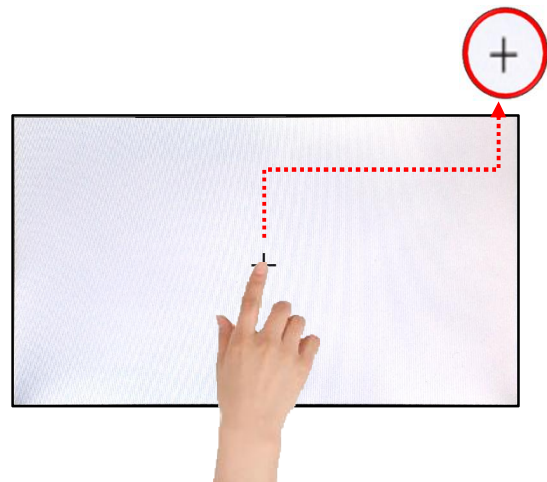


Touch the "+" correctly

2. OSD Setting

MENU	Config		NAVI
OSD	Factory Reset	Execute	Cancel
IR-Ctrl	Calibration	Execute	Cancel
Utility	Version	REMN00KRX-170704	

OSD메뉴에서 그림과 같이 설정한다.
(OSD Menu – Utility – Calibrate – Execute)

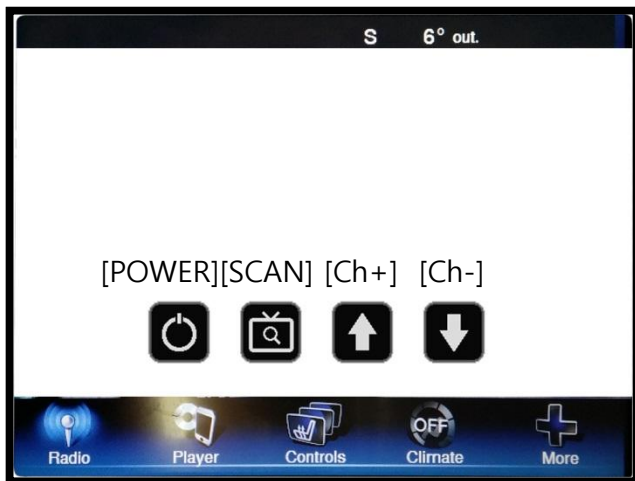


Touch the "+" correctly

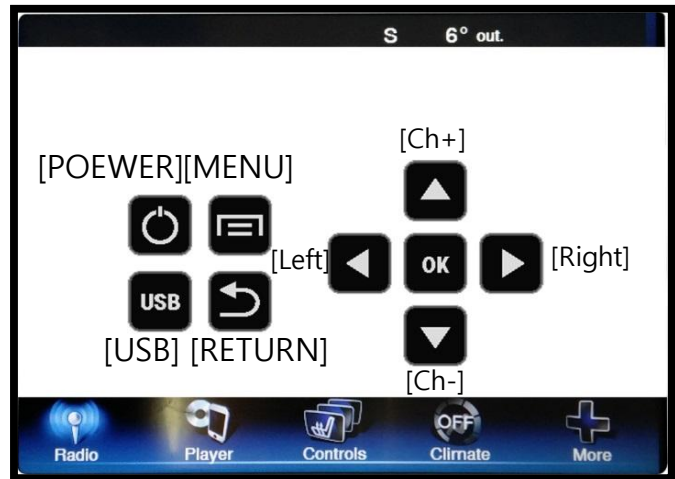
Settings

3. Touch screen - DVB-T, DVD Menu

- DTV (Select the type of I-con)

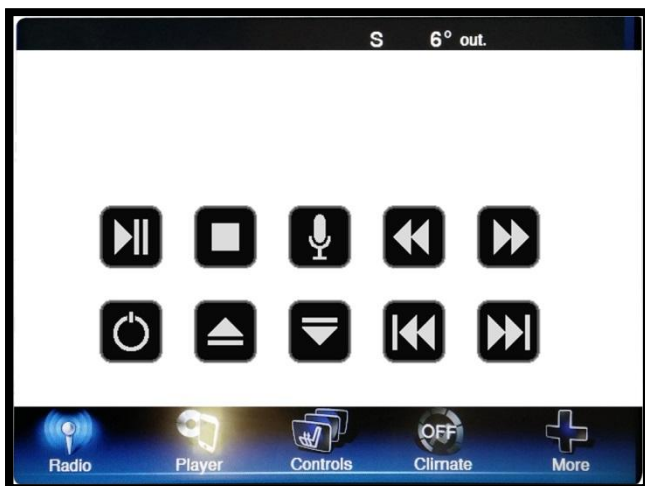


[Type -1]



[Type -2]

- DVD



※ To use this function, It is necessary to offer the remote IR code to manufacturer or resister IR code on your own (P. 19)

Settings

3. Touch screen – Switching mode

※ It is needed to select "Assist UI-ON" in Option menu to activate HOME button

MENU	Option	NAVI
Config	Front Cam - Power	OEM
Option	Front Cam - Det	Auto
Image	Assist UI	On
Screen	Front Cam -RcvOpt	Off
Parking	AV Out	ExtDevice

Assist UI – "ON"

Press long : Switching to OEM directly
Press short : Activating OSD menu

OSD Menu for switching input mode

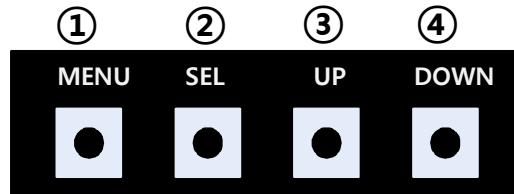


Press "HOME" button to activate OSD for mode change

※ The position of Home button can be moved by dragging

Settings

4. OSD Key board



- ① MENU :Activating OSD Menu
- ② SEL :Selection
- ③ Up :Moving upward (Increasing value)
- ④ Down :Moving downward (Decreasing value)

5. OSD Menu

※Press "MENU" button on Key board

MENU	Config		NAVI
Config	NAVI-RGB	GI5000-WVGA	
Option	DVB-T(DMB)	ELT_DVBT20	
Image	DVD	ELT_980XU Slim	
Screen	HDMI	CASTIT	
Parking	Reset	Execute	Cancel

Config - NAVI-RGB : Setup for the type of RGB
Config - DVB-T(DMB) : Setup for the type of DVB-T(DMB)
Config - DVD : Setup for the type of DVD
Config - HDMI : Setup for the type of HDMI
Reset : Reset all value

Settings

5. OSD Menu

※Press "MENU" button on Key board

MENU	Option		NAVI
Config	RearCam-Type	ExtWire	
Option	RearCam-Power	Auto	
Image	RearCam-Det	Wire	
Screen	AV Mode	On	Off
Parking	FrontCam-Type	Execute	Cancel

Option

- RearCam-Type : Setup for rear camera
ExtDevice - External rear camera
OEM - Original camera
- RearCam-Power : Setup for Rear VCC wire in power cable
ON - +12V out always (current consumption : 200mA)
AUTO - +12V out in rear mode only (200mA)
OFF - Power OFF
- RearCam-Det : Setup for Rear detection
WIRE - by rear cam detect wire
OFF - Rear detection OFF
- AV Mode : Change "Rear" input as Video input
ON – Video input (Rearcam TYPE in OSD menu should be "OEM")
OFF – Rear input
- FrontCam-Type : Setup for front camera
ExtDevice - External rear camera
OEM - Original camera

Settings

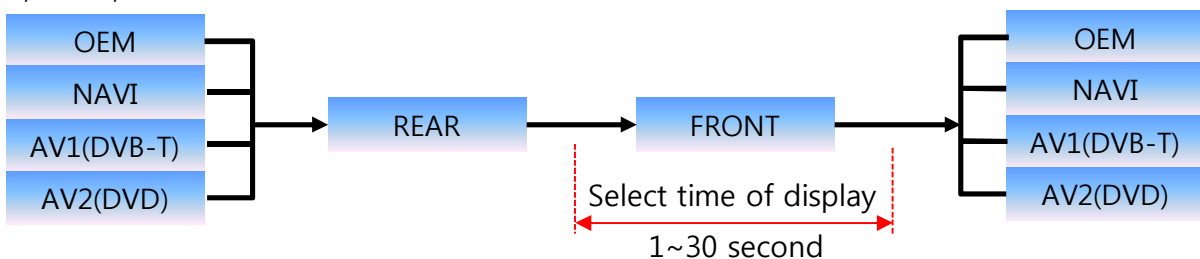
5. OSD Menu

※Press "MENU" button on Key board

MENU	Option	NAVI
Config	Front Cam - Power	OEM
Option	Front Cam - Det	Auto
Image	Assist UI	On Off
Screen	Front Cam -RcvOpt	On
Parking	AV Out	ExtDevice

Option

- FrontCam-Power : Setup for Front VCC wire in power cable
ON - +12V out always (current consumption : 200mA)
AUTO - +12V out in rear mode only (200mA)
OFF - Power OFF
- FrontCam-Det : Setup for front detection
ExtDevice - External rear camera
OEM - Original camera
- Assist UI : Setup for a use of HOME button
ON – Activating HOME button
OFF – Disappearing HOME button
- FrontCam-RcvOpt : Selecting time of displaying Front camera before switching to RGB, DVD, OEM from Rear



- AV out : Setup for the external AV out in OEM screen
AV1 : AV1's Audio comes out in OEM screen
AV2 : AV2's Audio comes out in OEM screen
USER : select one of Audio out

Settings

4. OSD Menu

※Press "MENU" button on Key board

MENU	Option		NAVI
Config	UI DVB-T(DMB)	On	
Option	UI DVD	On	
Image	Reset	Execute	Cancel
Screen			
Parking			

Option

- UI DVB-T(DMB) : Setting UI ICON - ON or OFF
- UI DVD : Setting UI ICON - ON or OFF
- Reset : Reset all value

Settings

5. OSD Menu

※Press "MENU" button on Key board

- NAVI(RGB) Image / Screen

MENU	IMAGE	NAVI
Config	Brightness	50
Option	Contrast	50
Image	Color- RED	50
Screen	Color- GREEN	50
Parking	Color- BLUE	25

MENU	Screen	NAVI
Config	Horizontal	50
Option	Vertical	50
Image	Scale X Up	50
Screen	Scale X Down	50
Parking	Scale X Up	50

- DVD, DVBT, NAVI-AV, REAR, FRONT Image

MENU	IMAGE	Rear
Config	Brightness	50
Option	Contrast	50
Image	Saturation	50
Screen	Hue	50
Parking	Sharpness	25

Settings

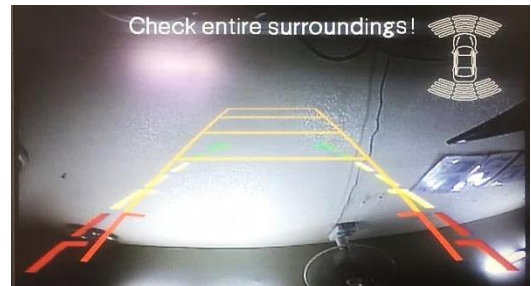
4. OSD Menu

※Press "MENU" button on Key board

- Parking guide line ON/OFF

MENU	Parking Rear	
Config	OPS Display	On
Option	Line Display	On
Image	Warnings Lang	English
Screen	Horizontal	50
Parking	Vertical	58

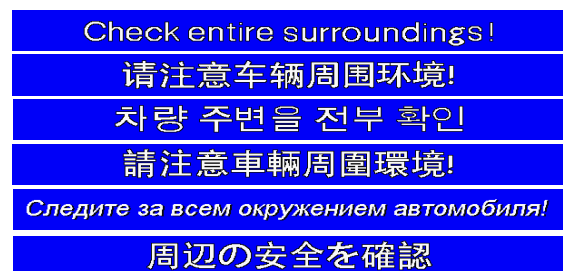
Selecting a use of packing guide line (N.C)
(OSD Menu – Parking – Line display – ON or OFF)



Parking line "ON"
(OPS function N.C)

- Warning Language for rear screen

MENU	Parking Rear	
Config	OPS Display	On
Option	Line Display	On
Image	Warnings Lang	English
Screen	Horizontal	50
Parking	Vertical	58



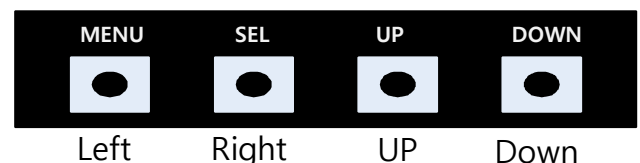
Selecting a type of language (OSD Menu – Parking – Warning Lang)

- Adjust the position of Parking guide line

MENU	Parking Rear	
Config	OPS Display	On
Option	Line Display	On
Image	Warnings Lang	English
Screen	Horizontal	50
Parking	Vertical	58

Possible to adjust the position of line by Keypad in Horizontal / Vertical menu

※ Pressing this Horizontal / Vertical menu, The OSD screen automatically disappears. Please adjust from the parking line Screen.



Settings

4. OSD Menu

※Press "MENU" button on Key board

- OSD

MENU	Horizontal	
OSD	Horizontal	<input type="range"/> 50
IR-Ctrl	Vertical	<input type="range"/> 50
Utility	Display	<input type="range"/> 10s
	Transparency	<input type="range"/> 30
	Language	English

- OSD – Horizontal
- OSD – Vertical
- OSD – Display : Setting time for displaying OSD menu
- OSD – Transparency
- OSD – Language : Setting language of OSD menu

- IR – Ctrl (p.19)

- Utility

MENU	Config	NAVI	
OSD	Factory Reset	Execute	Cancel
IR-Ctrl	Calibration	Execute	Cancel
Utility	Version	REMN00KRX-170704	

- Utility – INTERFACE SOFTWARE

Settings

4. OSD Menu– Register IR code

※Press "MENU" button on Key board

- IR Ctrl

①

MENU	DVB-T(DMB) DVD	
OSD	DVB - T	Sel Learn Cancel
IR-Ctrl	DVD	User
Utility		Sys

① Select IR Ctrl → DVB/DVD/DVR
→ Learn to register IR code

②

MENU	DVB-T(DMB) DVD	
OSD	ALL - Clear	
IR-Ctrl	POWER	___
Utility	SCAN	___
	CH+	___
	CH-	___

② All Clear : Remove all value of Remote control registered before
Select one of the buttons registering to move on to next step

③

MENU	DVB-T(DMB) DVD	
OSD	New Code :	___
IR-Ctrl	Cfm Code :	___
Utility	Save	Clr Cancel

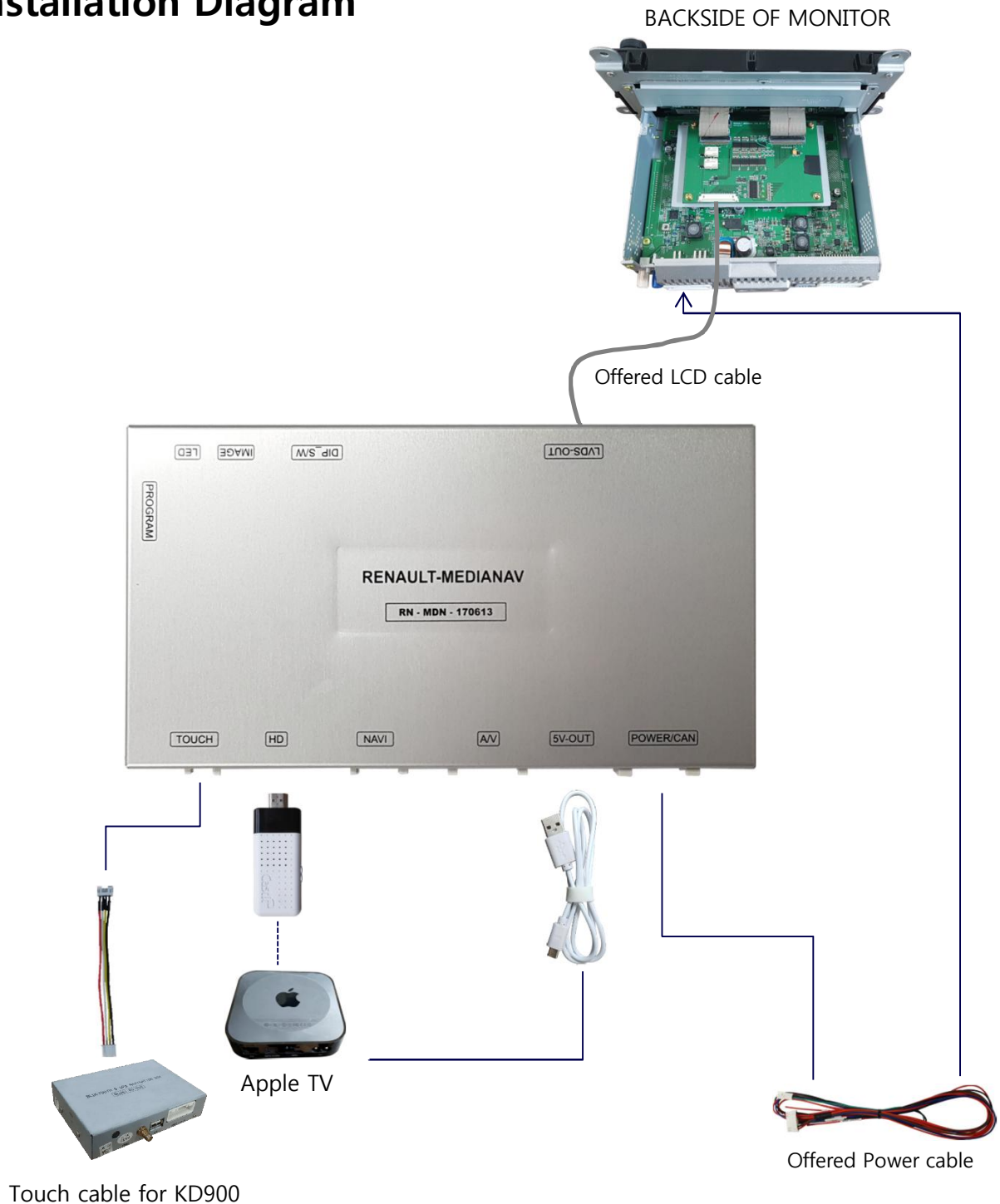
③ Press a button on the remote control of DVD/DTV then the IR code will be appeared on "New code" menu. Press the same button one more time to confirm the IR code. (Cfm code = confirm code)

※ Caution

- Delete :
ALL Clear – Delete all value
Clr – Delete one button's Value
- Play/Pause:
To use  button, Please register the IR code in power / Pause menu separately

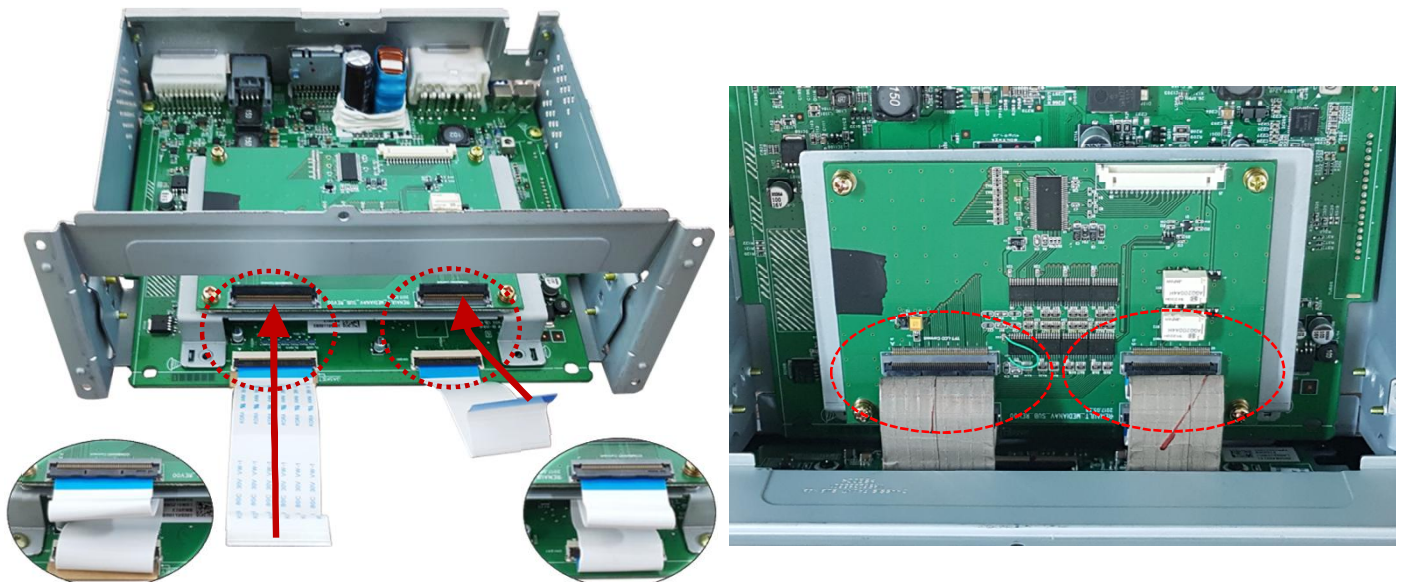
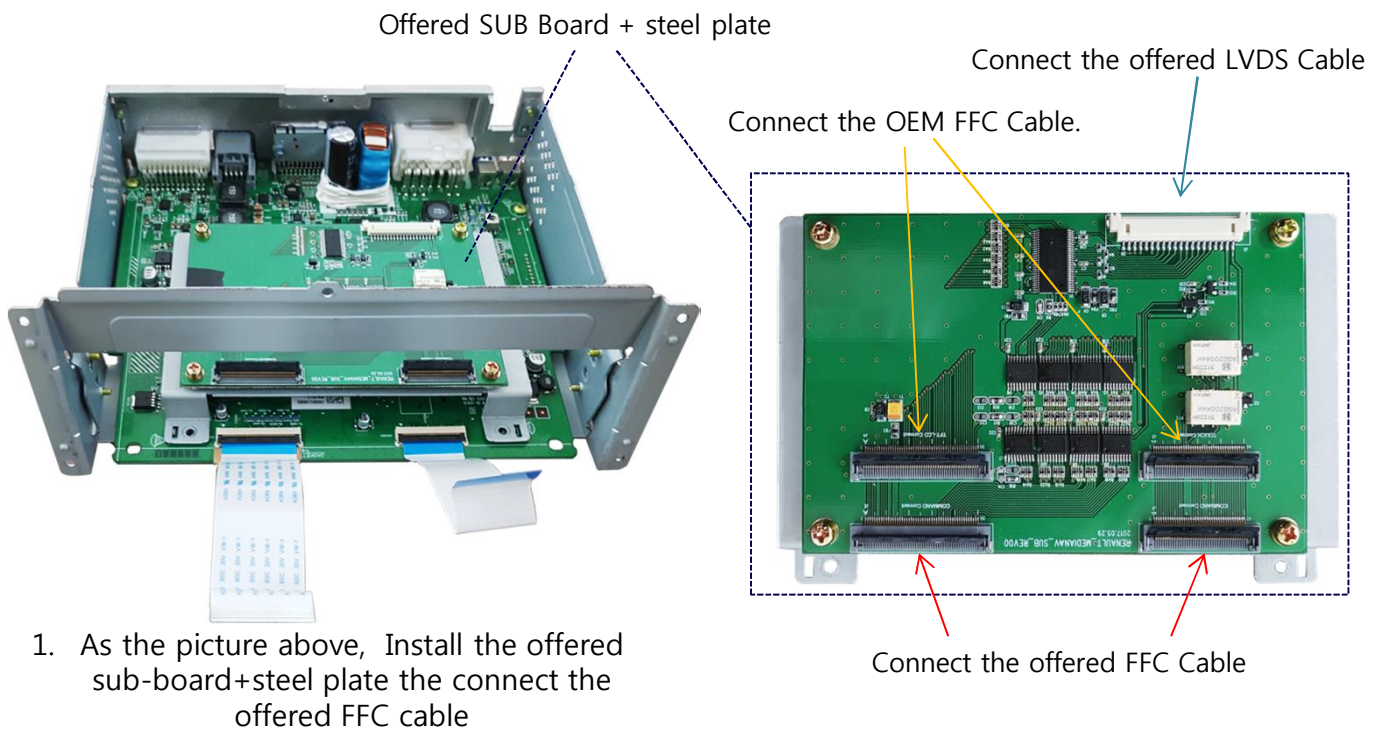
Installation

1. Installation Diagram



Installation

2. FFC Cable Connection



Caution

1. FAQ

- Not possible to switch mode
 - Check connection of OSD Key pad wire
 - Check CAN connection
- Display wrong size of picture
 - Check Dip s/w setting
- Display black screen in OEM mode
 - Check connection of LVDS/LCD cable
- Not possible to switch to rear screen
 - Check the packing setting
(OSD Menu – option – RearCam-Det)

2. Caution

- The device must not be installed in where it interferes driving (close to brake pedal, steering wheel, airbag etc.)
- LVDS cable must be connected correctly according to the manual
- Insulate the end of wire by using electrical tape
- The installation should be done by expert
- GU electronic does not take any responsibility for any problem caused by wrong installation