

Video Interface for Land Rover / Jaguar

User Manual

2016-FEB-11

Spec

1. Input Spec. (MULTI VIDEO INTERFACE)

- 2 x A/V Input (External video source).
- 2 x Analog RGB Input (Navigation & MHL System)

2. Output Spec.

- 2 x CVBS Output (Video out for Installing Headrest Monitor)
- 1 x Audio L/R Output.
- 1 x LVDS Output (LCD Operation)

3. Power Spec.

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

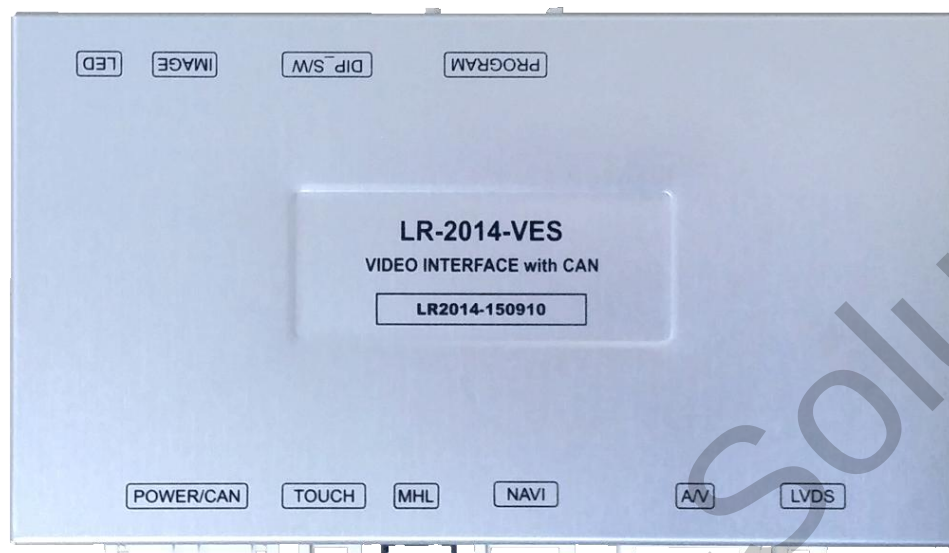
4. Switch Input mode

- Possible to select CAR model while switching mode by DIP S/W

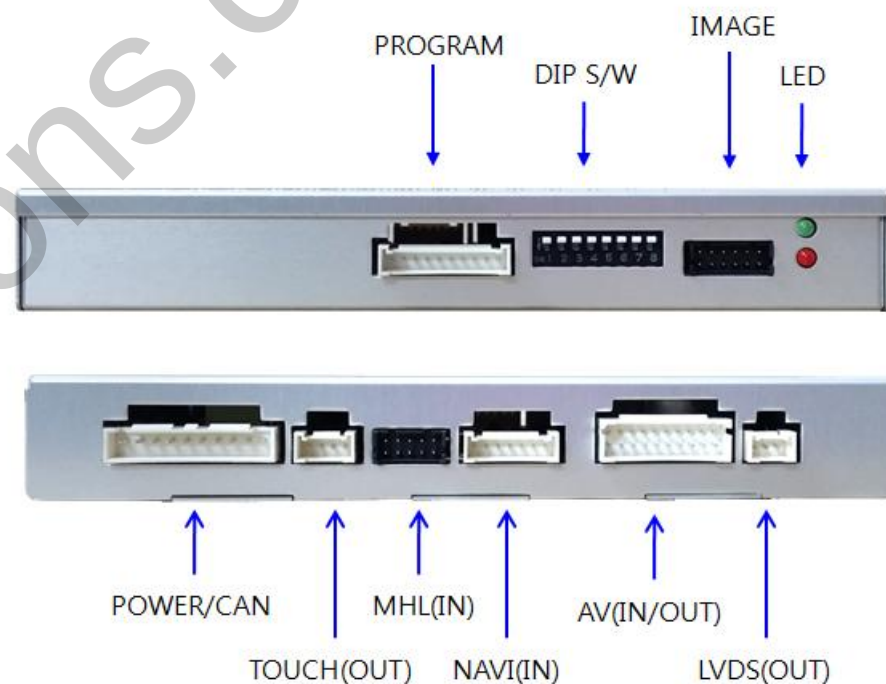
About Interface

- Dimension

146mm * 83mm * 21mm

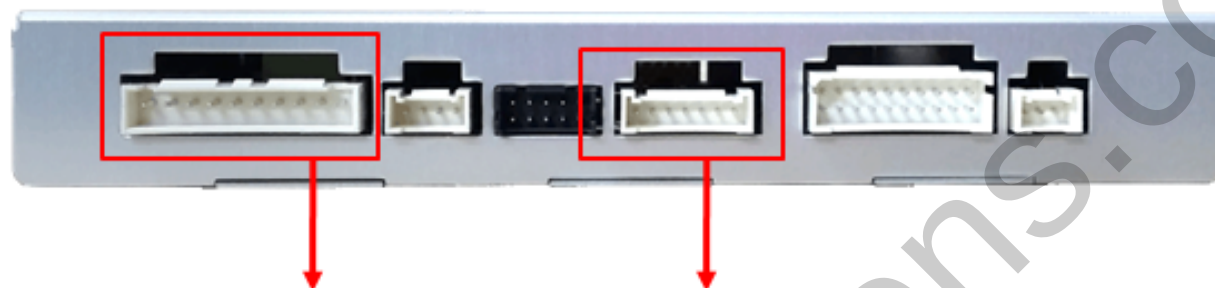


- External Appearance



* This can change under manufacturer's circumstance

Connector Pin Assignment



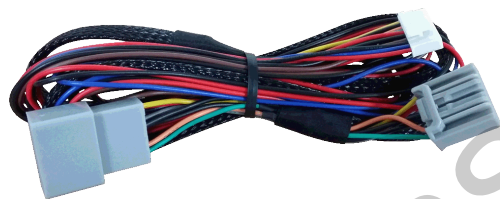
*POWER Connect									
									
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
①	BATTERY (Yellow)								
②	CAN-L IN(Green)								
③	CAN-H IN(Orange)								
④	CAN-L OUT (Green)								
⑤	CAN-H OUT (Orange)								
⑥	NC								
⑦	NAVI-BATTERY(Yellow)								
⑧	NAVI-ACC(Red)								
⑨	NAVI-GND (Black)								
⑩	GND (Black)								

*NAVI Connect						
						
①	②	③	④	⑤	⑥	⑦
①	R DATA (Red)					
②	G DATA (Green)					
③	B DATA (Blue)					
④	SYNC (White)					
⑤	GND (Black)					
⑥	DMB IR (Green)					
⑦	DVD IR (Orange)					

Product Composition



Interface Board 1 EA



Power Cable 1 EA



RGB Cable 1 EA



**AV Cable 1 EA
(VES AV CABLE)**



LVDS Cable 1 EA



OSD Keypad 1 EA

Product Composition(HDMI Input Option)



Option : Sub Board 1 EA



Option : Cable 1 EA

DIP S/W Setting

※ ON : DOWN , OFF : UP

PIN	FUNCTION	DIP S/W Selection
1	RGB (NAVI) MUTE	ON : Skipping RGB Mode OFF : RGB Display
2	AV1 (DVB-T) MUTE	ON : Skipping AV1 OFF : AV1 Display
3	AV2 (DVD) MUTE	ON : Skipping AV2 OFF : AV2 Display
4	RGB (MHL) MUTE	ON : Skipping HDMI OFF : MHL Display
5	N.C	
6	OEM Navi Open	ON : YES OFF : NO
7	CAR Model	RIGHT Photo
8		



LAND ROVER
(800 X 480)

DIP S/W SETTING

Before install Interface, check your OEM system. and set Dip S/W 6.



TOUCH CONTROL

Navigation Control



- Caution:
4 Input (NAVI, DVB-T, DVD, MHL)
- If 1 input, no 'Assistive Icon'
- If 2 more input, 'Assistive Icon' activate

Mode Change

Press Assistive Icon
(If you want to move an icon, please press and drag.)

Press Mode Icon



DVB-T / DVD CONTROL

DVB-T



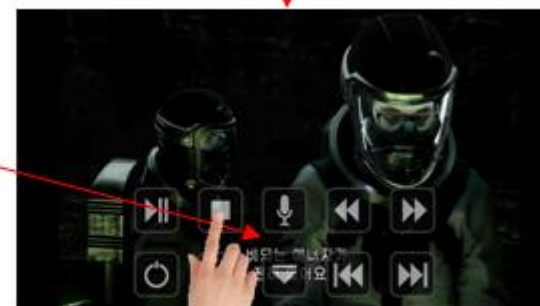
Press Touch(Anywhere)



DVD



Press Icon



TOUCH CALIBRATION

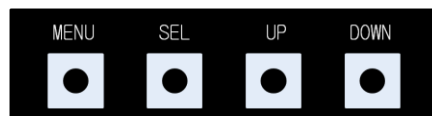


+TOUCH SCREEN

Press 7sec on NAVI or DVB-T or DVD Mode
(It only work 1 time after mode change)

OSD CONTROL

OSD Control Board



MENU	Push -> OSD menu On/Off
SEL	Item Selection, Value Selection
UP	Item Up / Increase selected value
DOWN	Item Down / Decrease selected value

Mode State

MENU	Config		NAVI
Config	NAVI-RGB	KD900(WVGA)	
Option	NAVI-AV	Default	
Image	DVD	ELT-980XU Slim	
Screen	DVB-T(IMB)	ELT-DVBT20	
Parking	BlackBox	Default	

First Menu

Second Menu

Third Menu

OSD Menu (DVB-T / DVD Model selection)

MENU	Config	FRONT
Config	NAVI-RGB	VP9200_WVGA
Option	NAVI-AV	Default
Image	DVD	GB-DAB
Screen	DVB-T(IMB)	GB-DVB-T
Parking	BlackBox	Default

MENU	Config / NAVI-RGB	NAVI
Config	NAVI-RGB	VP9200_WVGA
Option	NAVI-AV	Default
Image	DVD	ELT-9800U Slim
Screen	DVB-T(IMB)	CMMB-DTV_201
Parking	BlackBox	Default

MENU	Config / DVB-T(IMB)	NAVI
Config	NAVI-RGB	CMMB-DTV_201
Option	NAVI-AV	BGU-6US-PL
Image	DVD	TUE-T440
Screen	DVB-T(IMB)	Philips-DTV
Parking	BlackBox	Freeway-DTV

MENU	Config / DVB-T(IMB)	NAVI
Config	NAVI-RGB	CMMB-DTV_201
Option	NAVI-AV	BGU-6US-PL
Image	DVD	TUE-T440
Screen	DVB-T(IMB)	Philips-DTV
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OSD(On Screen Display) Control

OSD Control - Utility Mode

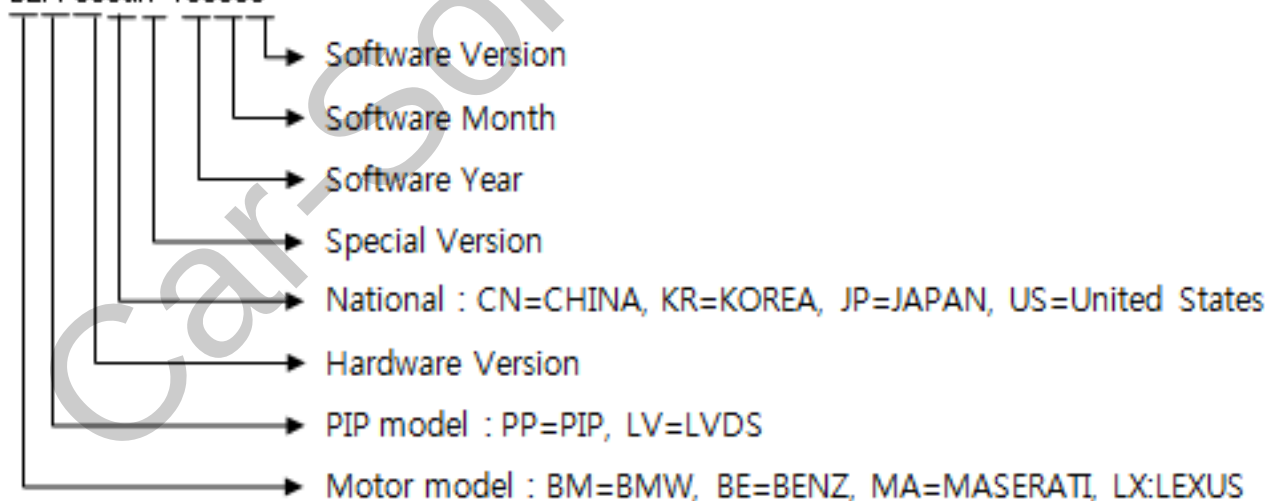
MENU	Utility / Factory Reset	REAR
OSD	Factory Reset	Execute Cancel
Utility	Version	BEPP06SGX-130950

- Reset All : Setting default

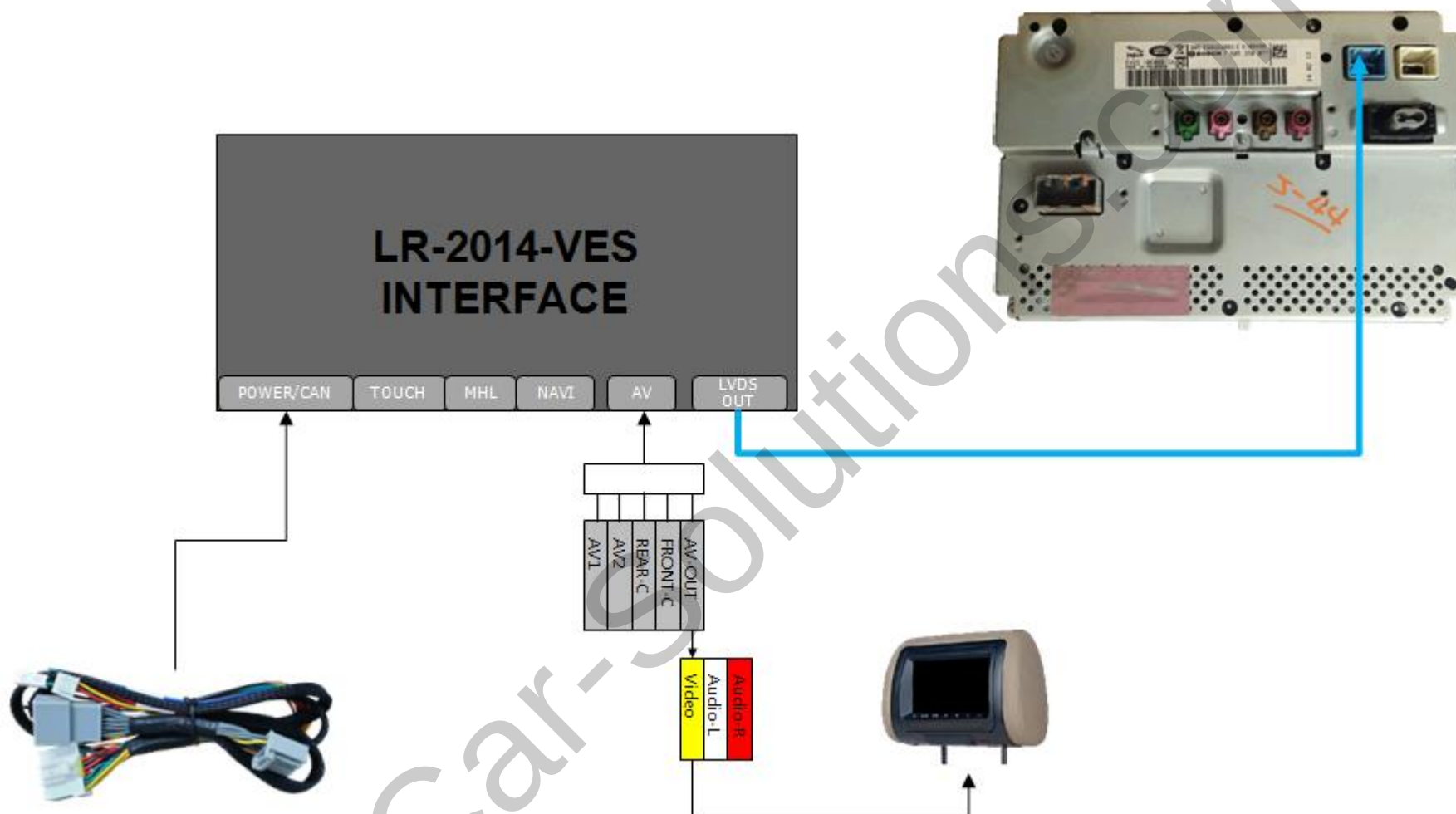
- Info : Software version

Finish upgrade, check the software version.

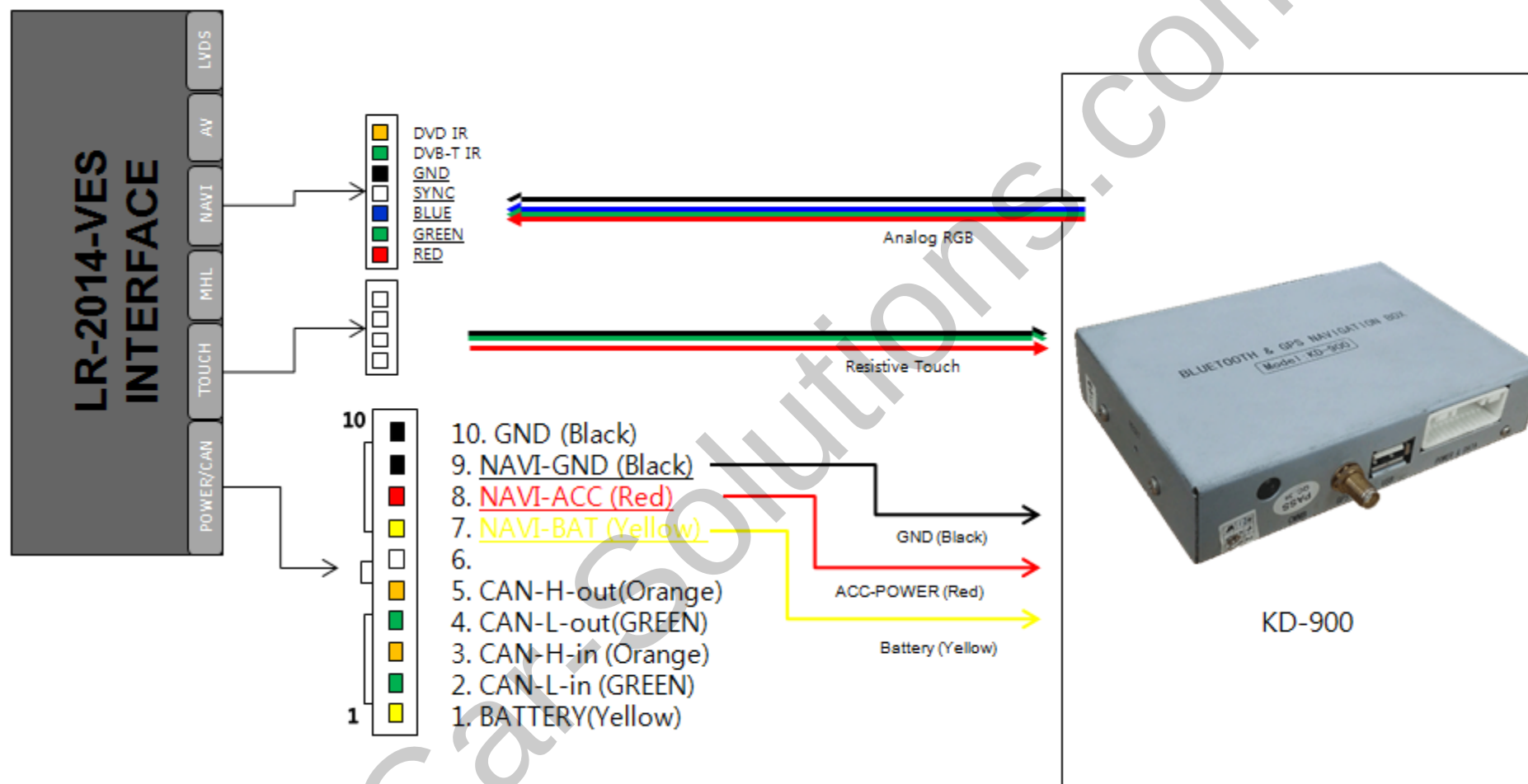
Last Source : BEPP06SGX-130950



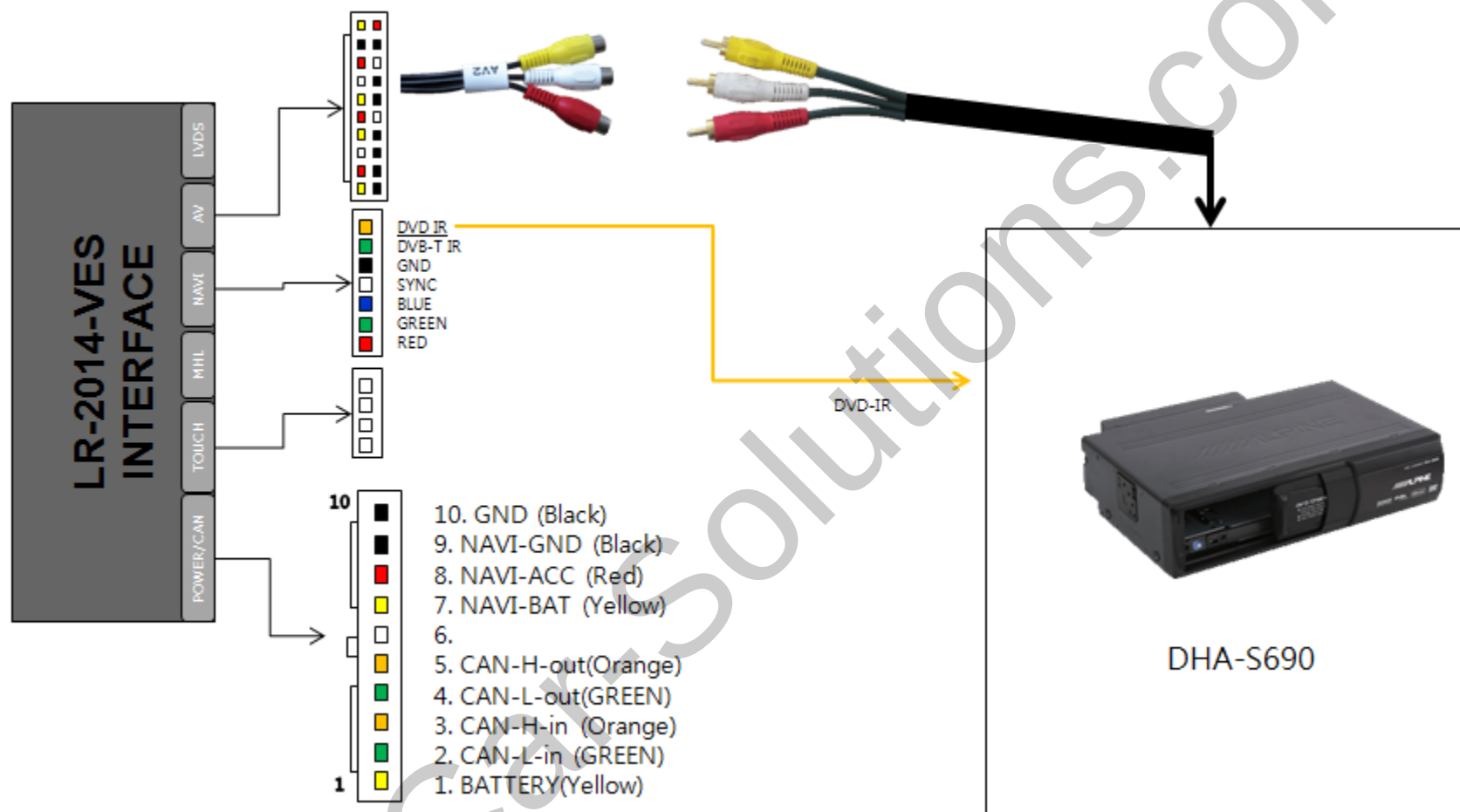
Installation



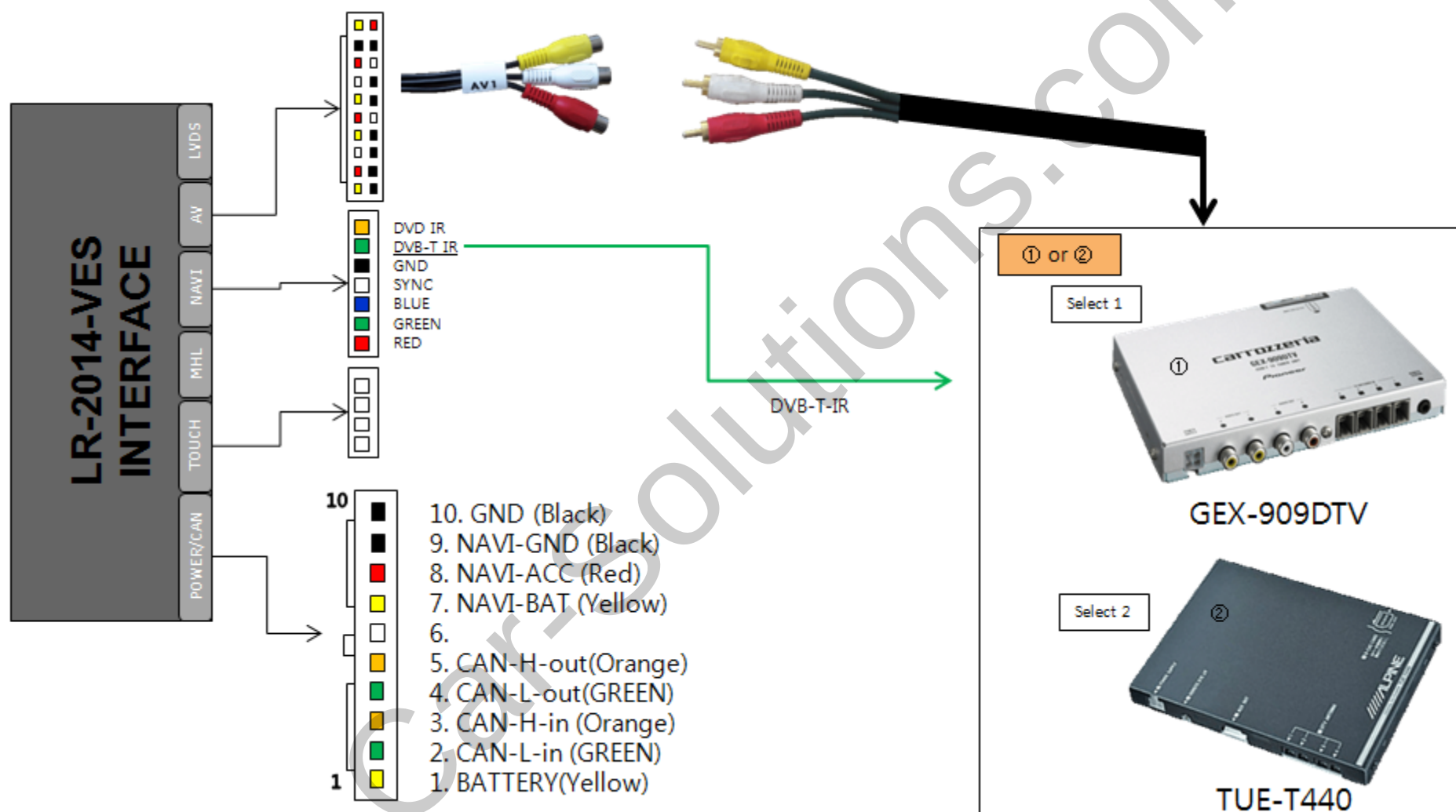
Installation (Navigation Touch Connection)



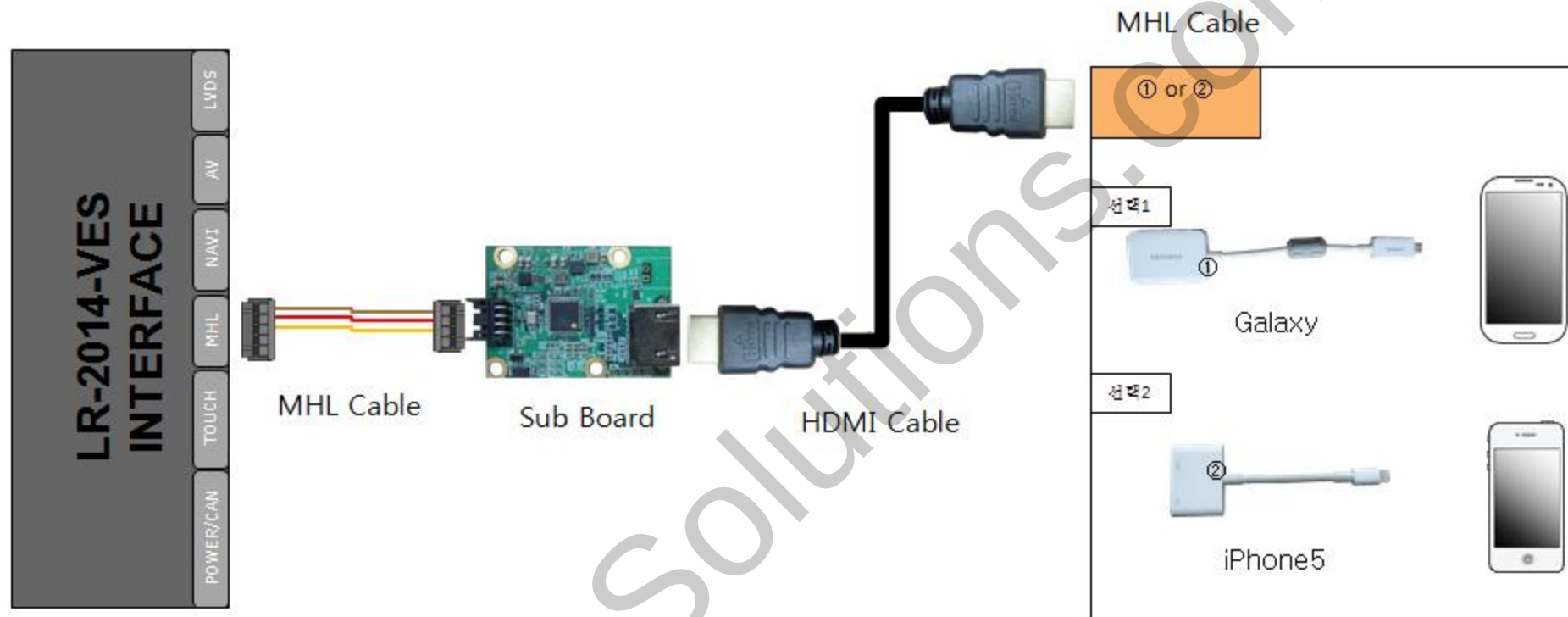
Installation (DVD Remote Controller)



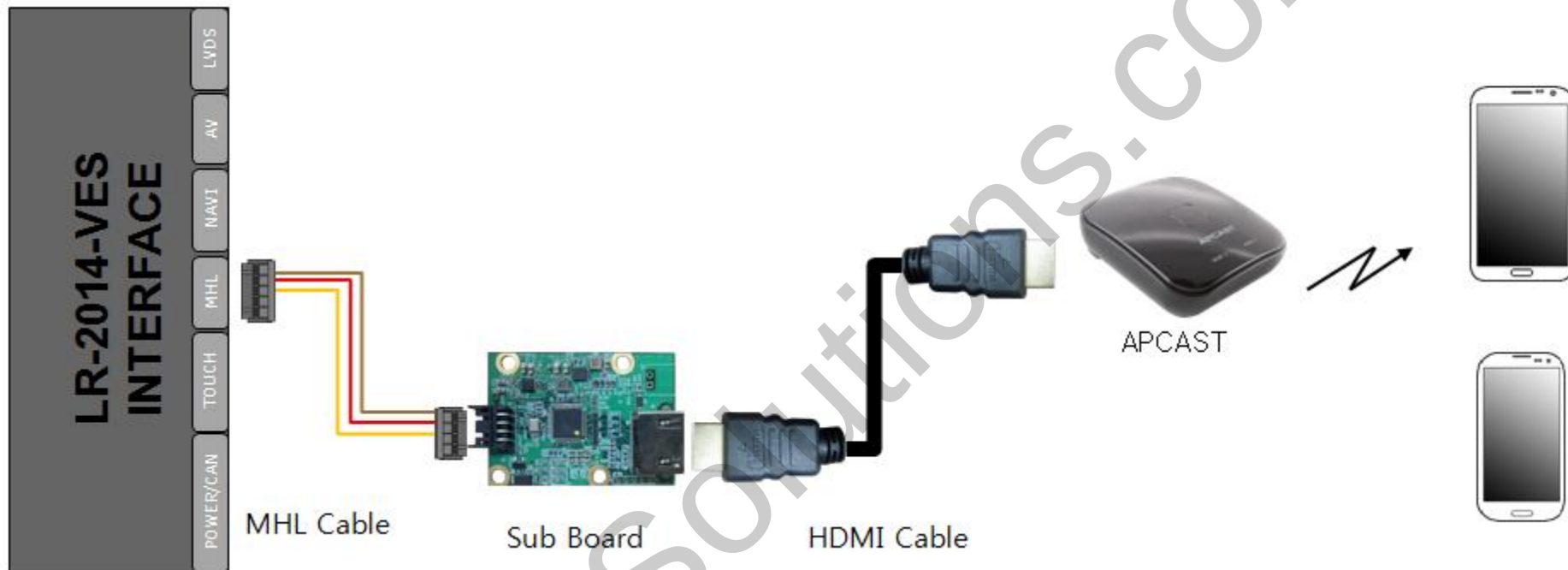
Installation (DVB-T Remote Controller)



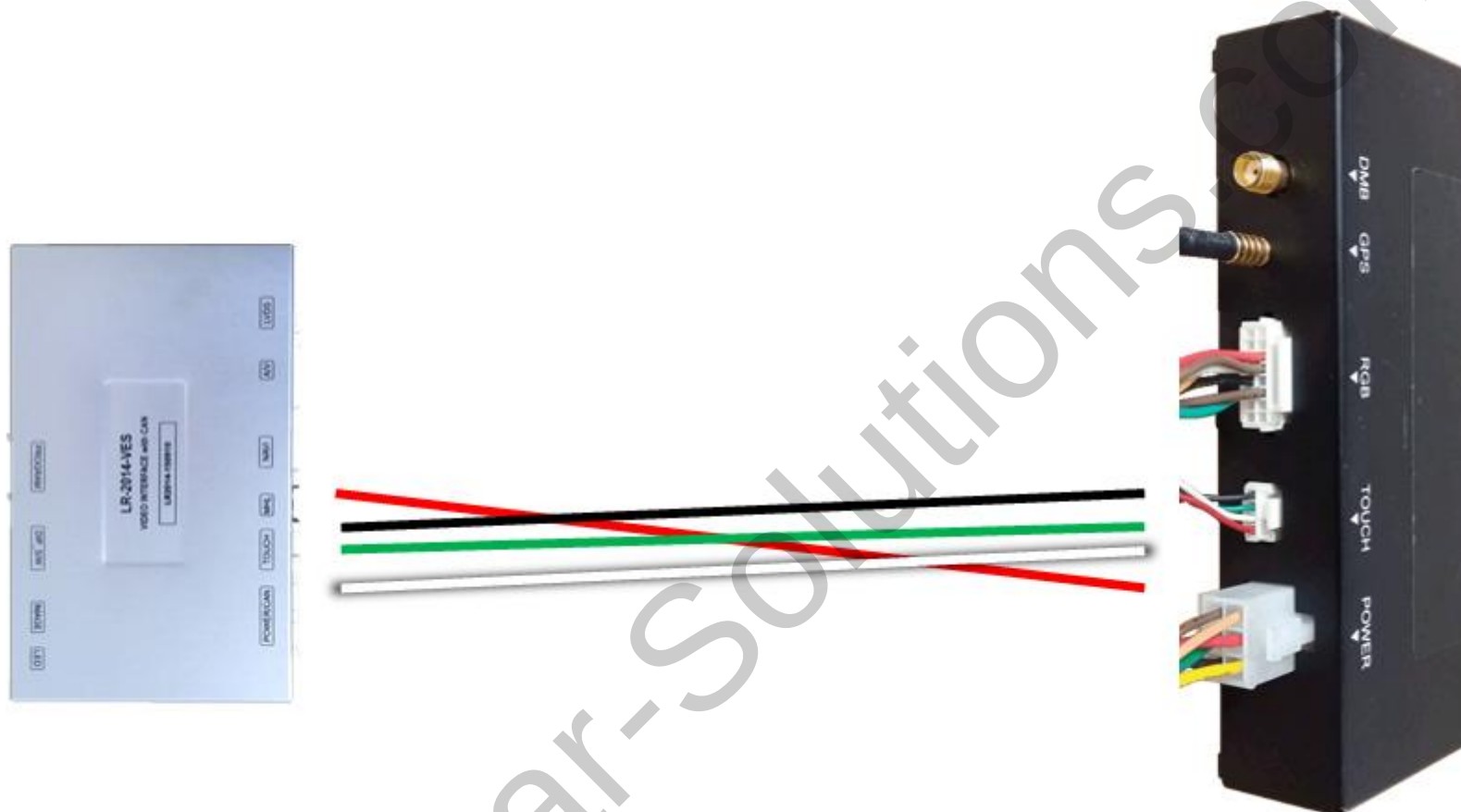
Installation (MHL Cable)



Installation (MHL wireless)



Installation (TC-3000 - HMS NAVIGATION)



FAQ

1. If Interface has a problem, Please check LED.

- After acc turn on, If Interface does not have a problem; **GREEN** LED is blinking every 1 sec.
- **RED** LED is turn on (not blinking), Interface has a problem.
- **RED** LED is not turning on, there is no input device.
- **RED** LED and **GREEN** LED both are not turn on, check to power cable.

2. When monitor changed to Orange color.

- LVDS cable contact problem or cable problem.

3. When DTV or DVD mode, cannot control with I-Drive

- Check IR cable, and DTV or DVD device's ground cable and Interface ground cable join together with using extra cable.
- Check device in OSD menu