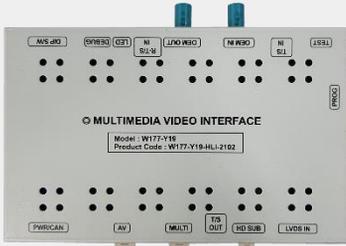


Installation Manual

Multimedia Interface for Mercedes Benz with NTG 5.5 & NTG 6.0 system



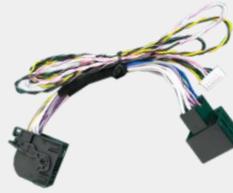
Components



MAIN BOARD
QCPASS1534



LCD DUAL FAKRA
HLCDCA0058



W177 POWER J BY J
HPOWER0272



BUTTON CABLE
HARETC0001



AV CABLE
HAVCAB0056



MULTI CABLE
HARETC0240



REAR CABLE
HARETC0002



UART CABLE
HTOUCH0015

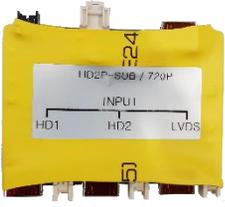


IR CABLE
HIRCAB0002



REMOTE CTRL.
REMOTE0001

HDMI 720P 2Ports SUB Option



OPTION

HD2P-SUB

QCPASS1547



OPTION

HD2P-SUB CABLE

HARETC0365



OPTION

HDMI CABLE

HARETC0367



OPTION

UART CABLE*2

HTOUCH0015



OPTION

W222 POWER CABLE

HPOWER0177

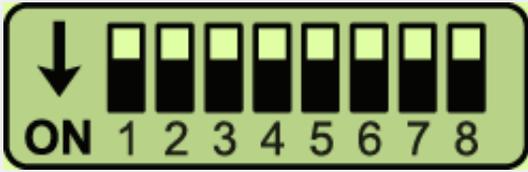


OPTION

W222 J BY J

HARETC0091

DIP Switch Setting



*** ON : DOWN / OFF : UP**

Please make sure to disconnect the power cable of the interface and reconnect the power cable again to apply the dip switch changes.

PIN	FUNCTION	Dip S/W SELECT
1	LVDS	OFF : LVDS MODE ON : LVDS MODE SKIP
2	HD1	OFF : HD1 Mode ON : HD1 Mode Skip
3	AV1	OFF : AV1 MODE ON : AV1 MODE SKIP
4	AV2	OFF : AV2 MODE ON : AV2 MODE SKIP
5	Front Camera	OFF : Ext. Front Camera Mode ON : OEM Front Camera Mode
6	N/C	
7	REAR CAMERA	OFF : OEM Rear Camera Mode ON : Ext. Rear Camera Mode
8	LCD Resolution	OFF : 1920 * 720 ON : 960 * 540
9	N/C	
10	OEM Touch Screen	OFF : Without OEM Touch Screen ON : With OEM Touch Screen

*** HD2 enable is set by OSD menu.** Default setting is NONE (HD2 Mode Skip).

If select other menu on HD2, it will display automatically.

Remote Control



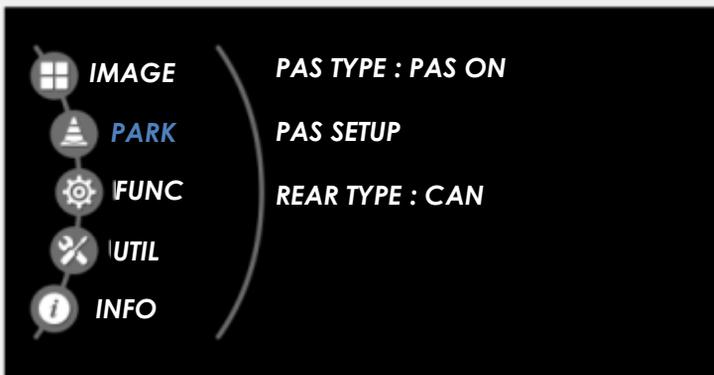
Key	FUNCTION
POWER & PIP	N/C
MENU	Activating OSD menu
OK	Making a selection, changing image display
▲	Moving upward
▼	Moving downward
◀	Moving leftward (If you press this button 2 seconds long, you can access the factory mode)
▶	Moving rightward (If you press this button 2 seconds long, you can reset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

Factory Settings



IMAGE

Setting for image display



PARK

PAS TYPE: Select parking line type.

NOT USED: Do not use parking line

PAS ON: No Use

PAS OFF: Use fixed parking line

PAS SETUP: You can move the position of parking line.

REAR TYPE: Choose rear camera recognition.

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)

LAMP: Detecting the rear view camera via "Grey Rear" wire. (Installer must connect "Rear-C" cable of the power cable to the rear lamp of the car)

Factory Settings



FUNCTION

CAR MODEL:

BENZ

AUTO FCAM:

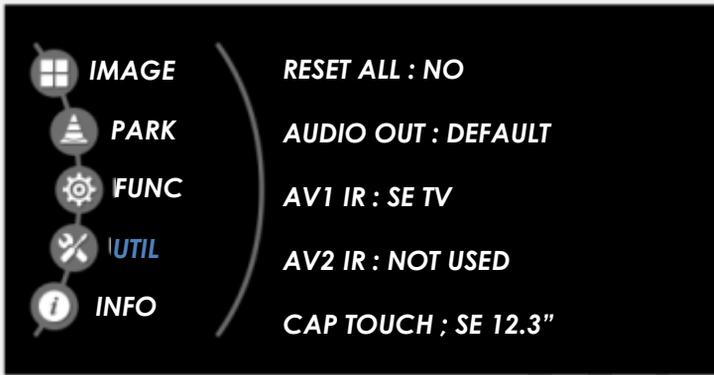
Front Camera Display Setting

LVDS MODEL:

Car-play, Navigation Model Setting

HD1/HD2 MODEL:

DTV, Navigation Model Setting



UTIL

FACTORY RESET:

Factory mode reset (YES/NO)

AUDIO OUT:

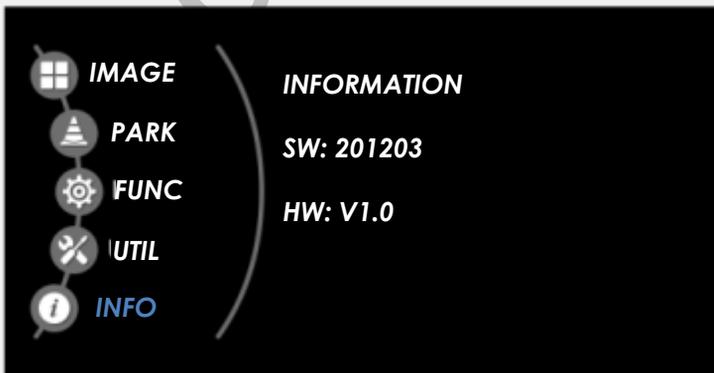
Select audio channel transmitted through AUX (Default/AV1/AV2)

AV1/AV2 IR:

Able to control UI remote by touch

CAP TOUCH:

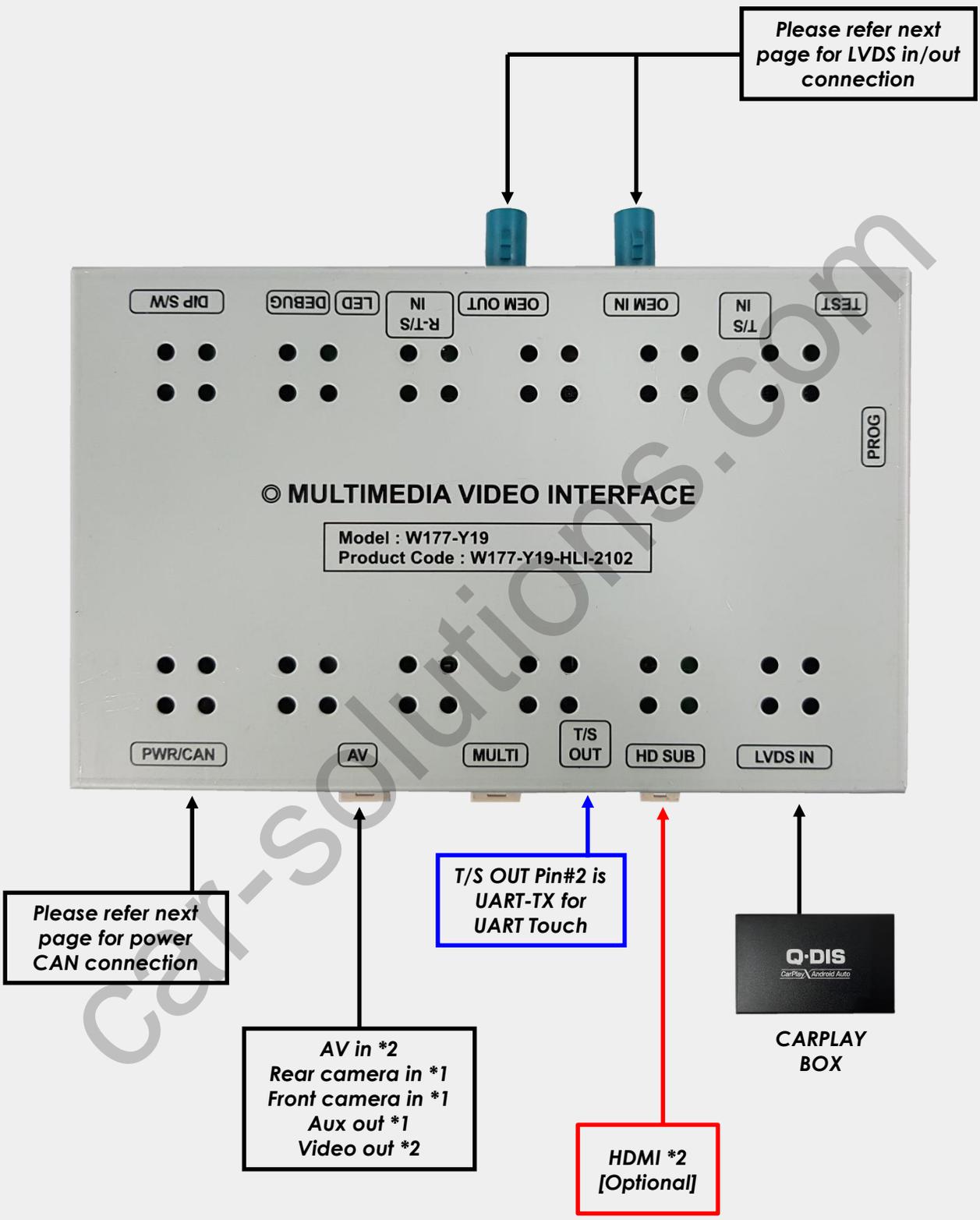
Select capacitive touch screen model



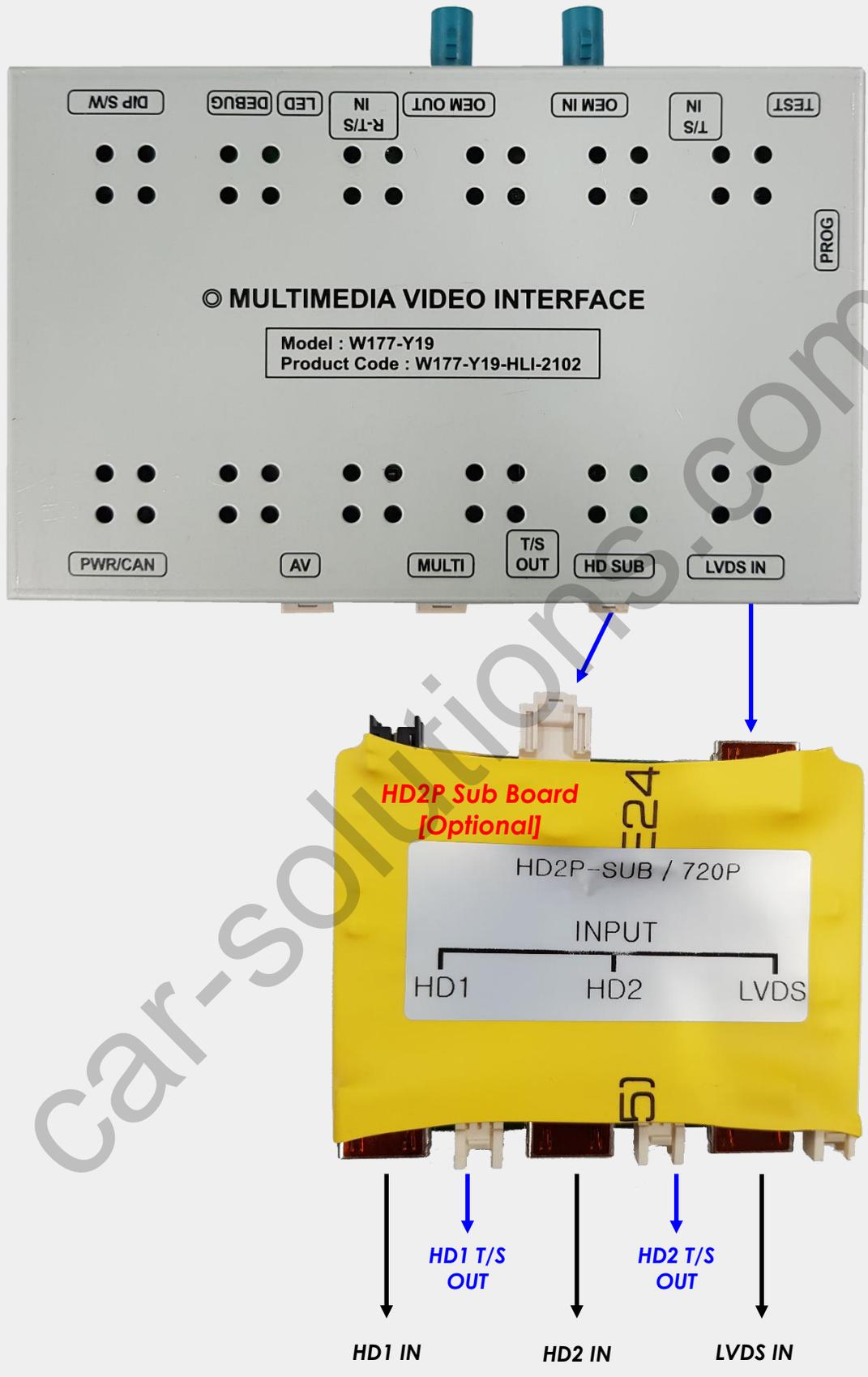
INFO

System version information

Installation Diagram



Installation Diagram_ HD2P Sub board



• LVDS IN/OUT connection (NTG5.5)



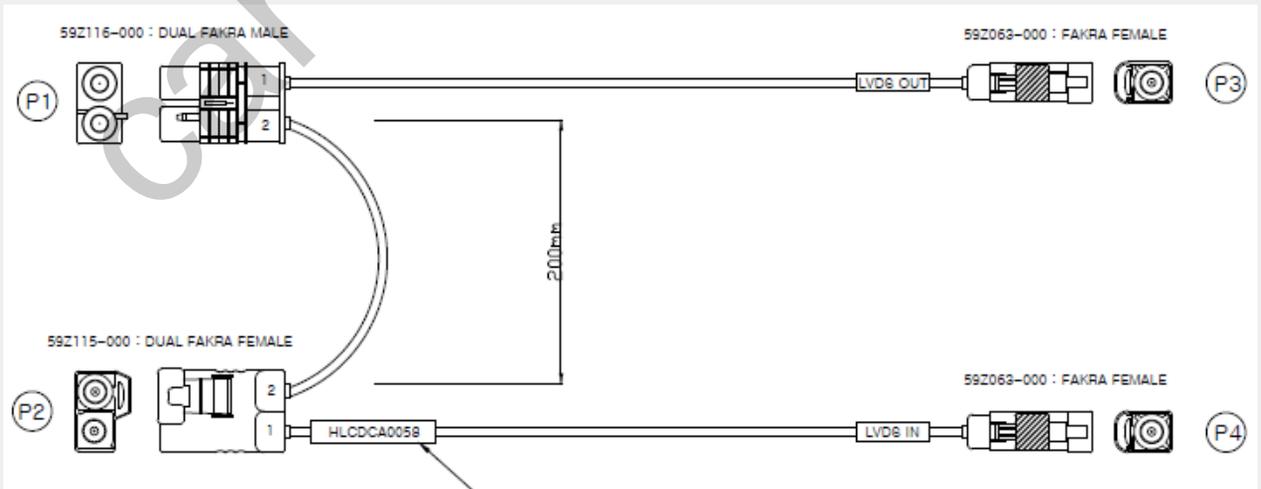
Please find beige LVDS connector from NTG5.5 head unit for 10"/12.3" screen

In case of 10" and 12.3" screen of NTG 5.5, please use provided LVDS cable [HLCDCA0058](#)

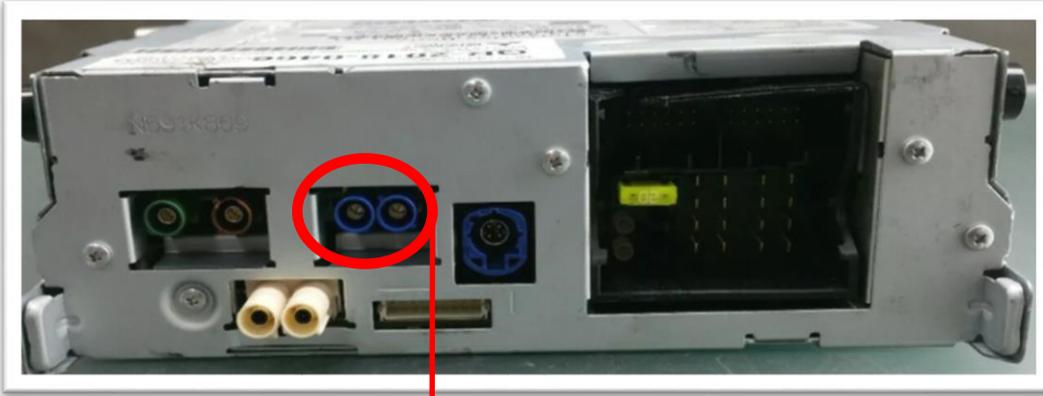
1. Disconnect the OEM LVDS cable from the backside of head unit
2. Connect the OEM cable to the female connector of supplied LVDS Fakra cable
3. Connect the male connector of supplied LVDS cable to the backside of monitor



LCD DUAL FAKRA
[HLCDCA0058](#)



• LVDS IN/OUT connection (NTG5.5)



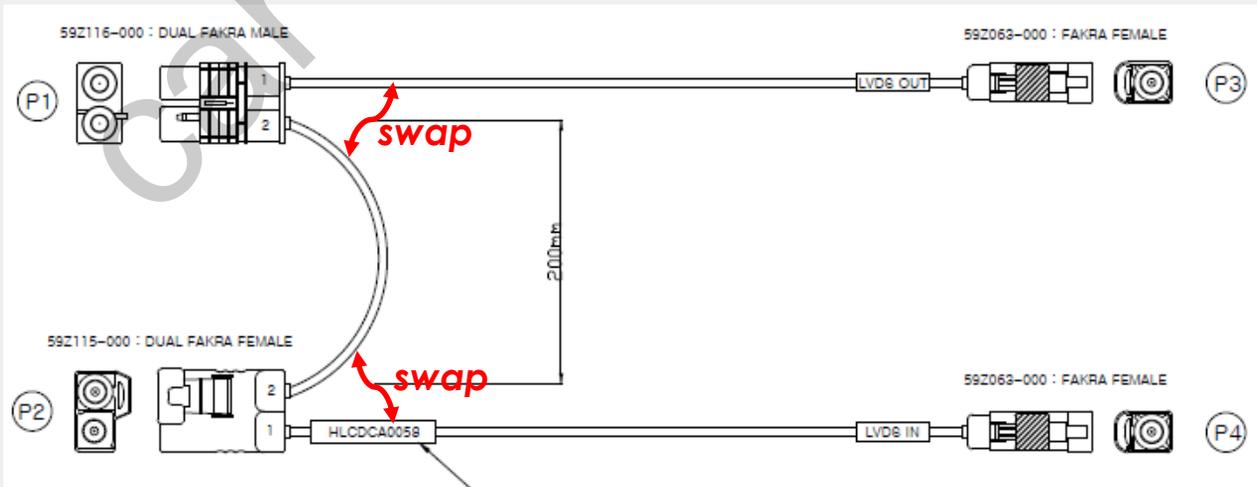
Please find blue LVDS connector from NTG5.5 head unit for 7"/8.4" screen

In case of 7" and 8.4" screen of NTG 5.5, please modify the pin location of provided LVDS cable HLCDC A0058, otherwise, screen display will be black.

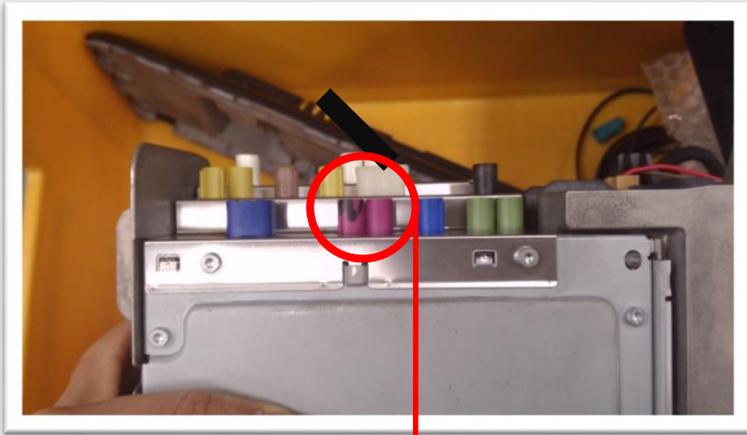


* Swap location #1 and #2 both in male terminal and female terminal.

LCD DUAL FAKRA
HLCDC A0058



• LVDS IN/OUT connection (NTG6.0)



Please find purple LVDS connector from NTG6.0 head unit for 10" screen

Please use provided LVDS cable [HLCDCA0058](#)

1. Disconnect the OEM LVDS cable from the backside of head unit
2. Connect the OEM cable to the female connector of supplied LVDS Fakra cable
3. Connect the male connector of supplied LVDS cable to the backside of monitor

OEM Cable



OEM HU

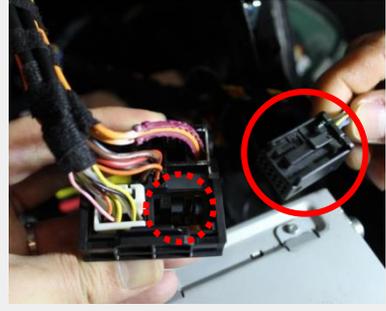
• CAN Connection (NTG5.5)

* CAN IN/OUT connection for NTG5.5

- Find a bunch of wires from the command behind the monitor as shown below



Find a bunch of cables from the command behind



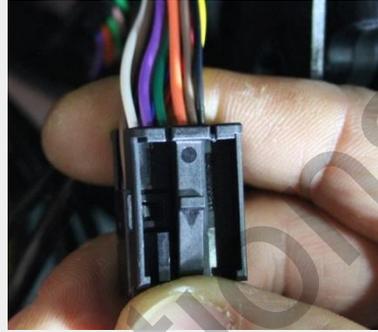
Remove the black connector marked with a red circle



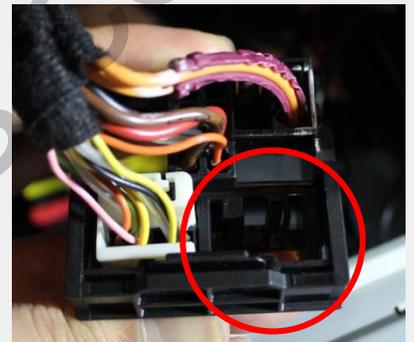
Take away the black connector cover



Connect the OEM connector to the supplied CAN IN/OUT

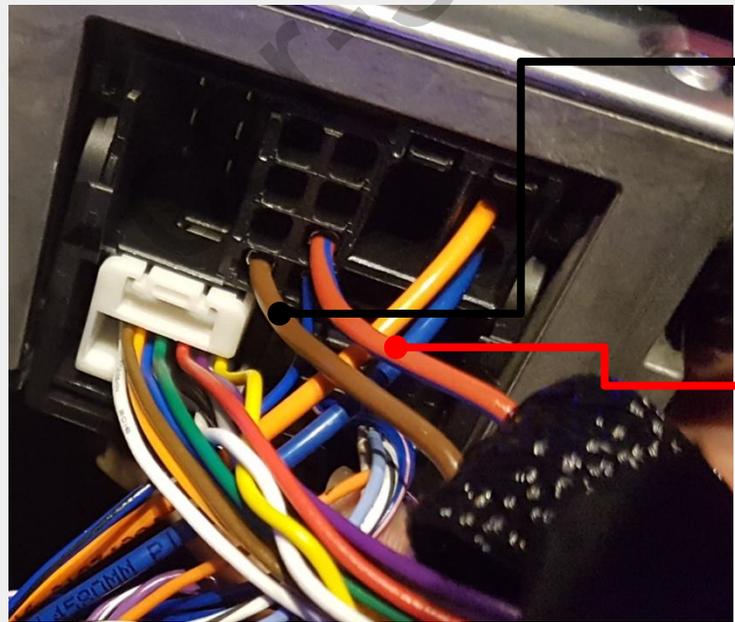


Put the black connector cover onto the supplied CAN IN/OUT cable



Reconnect the supplied cable where the black connector was removed.

• B+ / GND connection



GROUND

* Connect the black ground wire of the supplied power cable to the brown OEM wire

B+

* Connect the red B+ wire of the supplied power cable to the orange/blue OEM wire

• CAN Connection (NTG6.0)

* CAN IN/OUT Connection for NTG6.0

1. Disconnect the OEM power cable from the backside of command
2. Connect the OEM cable to the female connector of supplied power cable
3. Connect the male connector of supplied power cable to the backside of monitor

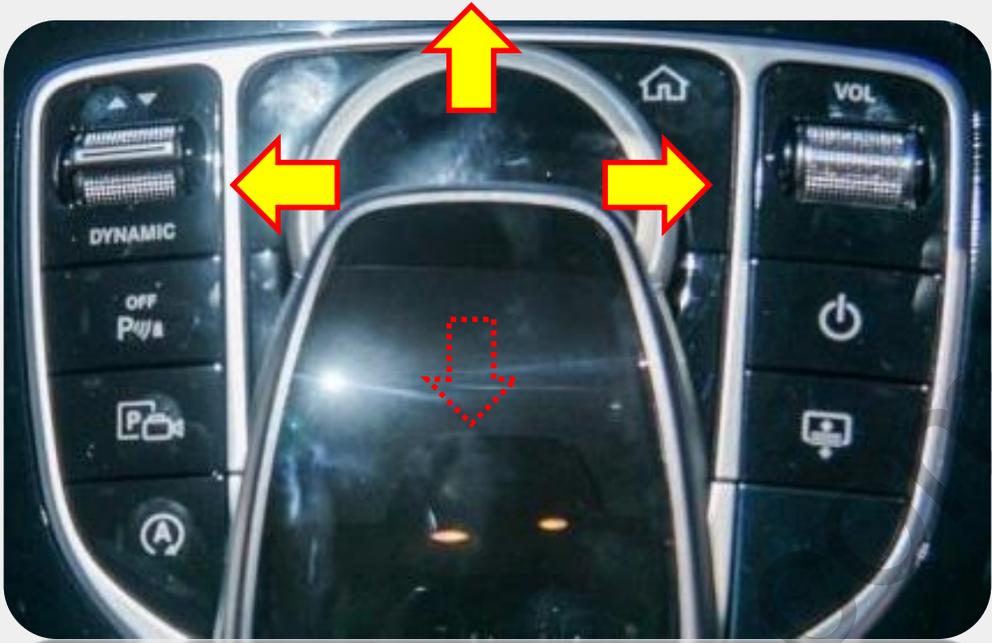


• OEM buttons (NTG5.5)

* Press high lighted OEM button for 3 seconds long to mode switch



• OEM buttons (NTG5.5)



1. Rear Camera Mode Switch

Monitor	Joy shuttle Direction	Mode	Pushing Joy shuttle	Mode
12.3inch		Rear, Front Camera mode	Short	Ext. Camera <-> OEM Screen
8.4inch		Rear, Front Camera mode	Short	Ext. Camera <-> OEM Screen

2. DVD, DTV OSD Control

OSD control remote will appear if the joy shuttle is moved to the left for a short time in DVD, DTV mode

Monitor	Direction	Mode	Pushing Joy shuttle	Movement
12.3inch/ 8.4inch		DVD DTV	Short	UP,DOWN,LEFT,RIGHT
			Long	Select

• OEM buttons (NTG6.0)

* Press high lighted OEM button for 3 seconds long to mode switch



• OEM buttons (NTG6.0)

1. Switch to OEM in Rear Camera Mode :

Short press below high lighted button in Ext. rear camera mode to switch OEM screen

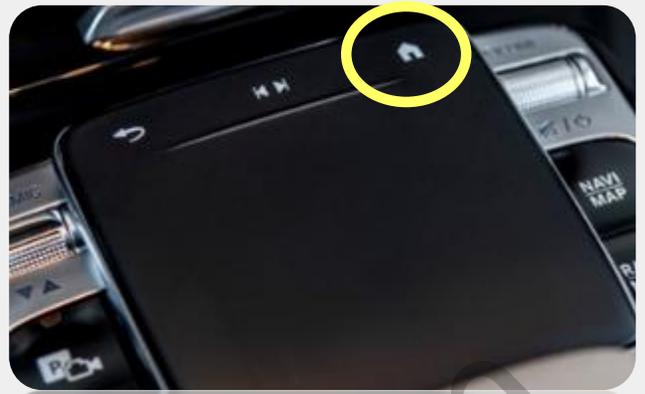
2. DVD, DTV OSD Control :

Slide arrow button right and left for DTV and DVD channel up(+) and down(-)

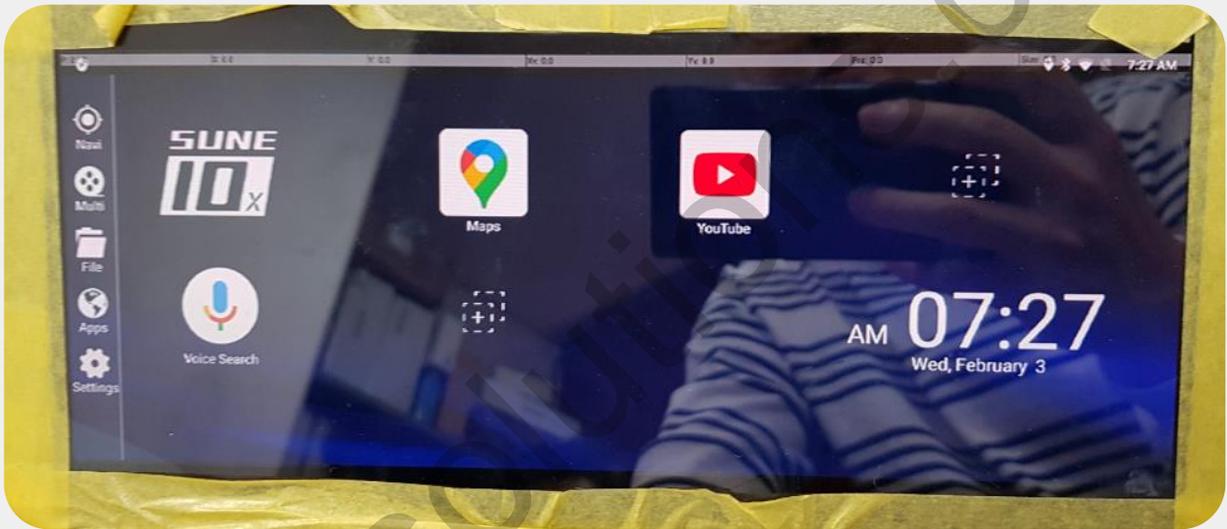


• Screen Ratio Change on HDMI/AV Mode

Please press high lighted button for 3secs long to change screen display ratio.



Full screen display on HDMI, AV Mode

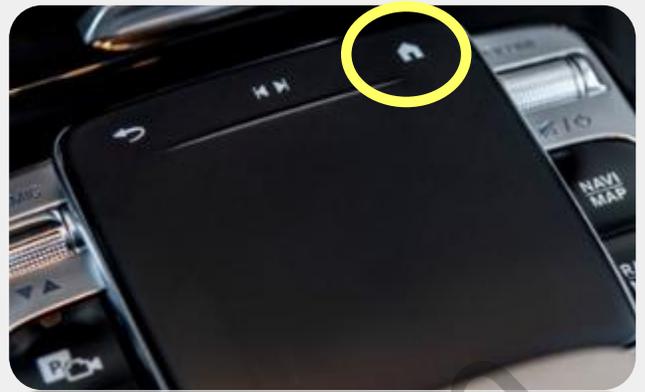


4:3 ratio screen display on HDMI, AV Mode



• Split Screen on Rear Camera Mode

Please press high lighted button for 3secs long to change screen display ratio.



Full screen display on Rear Camera Mode



Split screen display on Rear Camera Mode

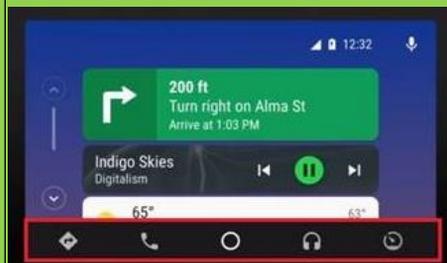


• Activate Car-play & Android Auto by OEM Buttons

Please make sure to select NAVI MODEL as SE-CP



Section	Button	Operation	Function
MMI	HOME/STAR	Short press	Select
		Long press (3sec)	Voice Control
	JOG LEFT	Short press	Left
	JOG RIGHT	Short press	Right
	JOG UP	Long press (3sec)	Home
	JOG DOWN	Long press (3sec)	Moving to Android Auto Down Side Menu



• Cautions Before Installation

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

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)