

BMW 1/3/5/6/X5/X6 SERIES

SQUARE CONNECTOR

nav
TOOL

DVD & Navigation Integrated...

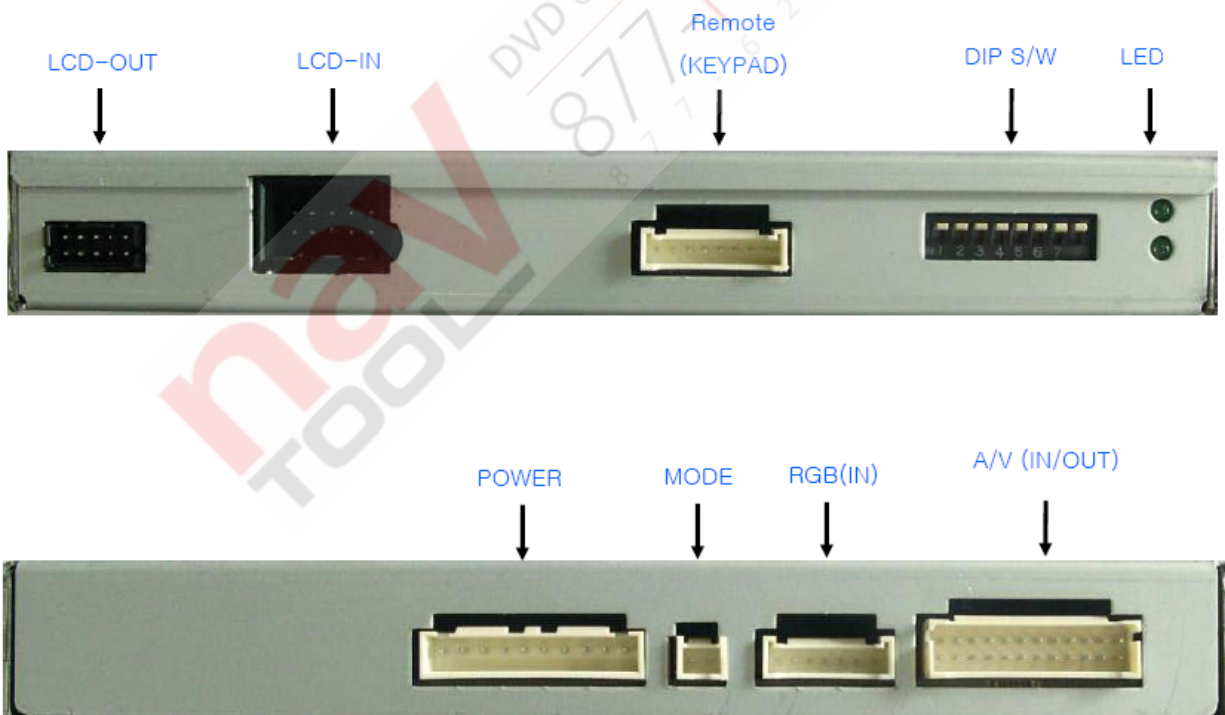
877-NAVTOOL

8 7 7 - 6 2 8 - 8 6 6 5



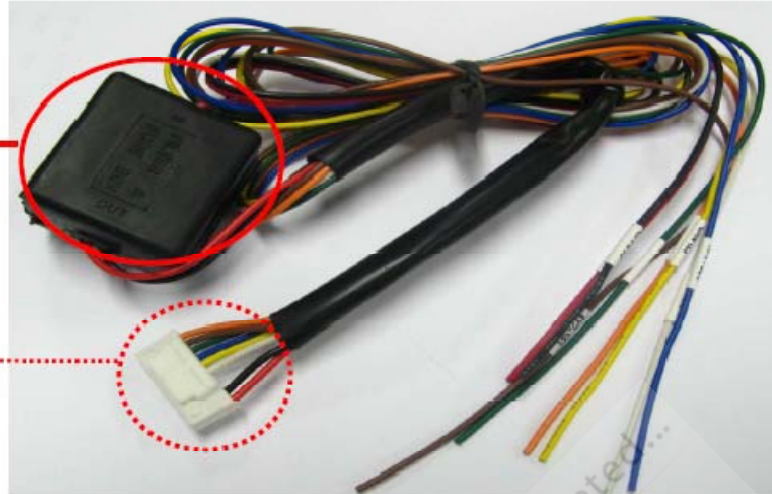
Precaution

- You must keep the car key taken off from the car while you work this and finally, connect power of the interface.
- When to connect the interface cable, you must keep the power cable taken off.
- You must work this at the environment without any static electricity or damages.
- All of process on this installation should be done by professionals.
- You must not break the labels attached on the board, if it's broken, no warranty.
- When you receive this package you have to check whether there's any parts not included and you have to contact us right away.
- Our repair service do not accept any problems caused by user's any fault or carelessness.



* Power Cable

FILTER
& FUSE BOX



Red Wire ACC please connect to vehicles Accessory or ignition wire.

Black Wire GND please connect to vehicles Ground.

Gray Wire REAR-C future use no connection at this time.

Purple Wire SAFE future use no connection at this time.

White Wire CAN-H please connects to vehicles CAN-H wire.

Yellow Wire CAN-L please connects to vehicles CAN-L wire.

(PLEASE SEE CAN WIRING ON PAGE 8, CAN-H & CAN-L ARE NEEDED FOR REVERSE TRIGGER AND IF YOU CHOOSE TO CHANGE AV INPUT USING STEERING WHEEL BUTTONS)

Blue Wire NAVI Sel please connect to any wire that requires low power +12v when NAV input is selected on Interface (not factory nav).

Green, Brown and Orange Wire AV1/AV2/AV3 please connect to any wire that requires low power +12v when AV1/AV2/AV3 input is selected on Interface.

※ ON : DOWN, OFF : UP

#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 monitor size	ON : 6.5" LCD Setting (Possible to use BMW 1 series) OFF : 8.8" LCD Setting
6	Type of monitor	ON : Siemens setting (only when to turn on the 5 th pin) OFF : Alpine setting (only when to turn on the 5 th pin) ON : 2009model's 3series(only when to turn off the 5 th pin) OFF : 8.8" Setting
7	Rear Mode	ON : External Rear Camera OFF : OEM Rear Camera
8		N.C

Monitor \ #PIN	5	6
E60 8.8"	OFF	OFF
E60 Alpine 6.5"	ON	OFF
E60 Siemens 6.5"	ON	ON
New 3 Series in 2009	OFF	ON

※DIP S/W Use Example

[BMW E60-6.5" Alpine]

- . Use Input Mode : A/V3(DVD), Navigation (RGB)
- . Rear Camera : When to be installed on CVBS 4

- ▷ DIP S/W : 1 → OFF
- ▷ DIP S/W : 2,3 → ON
(INPUT MODE SKIP)
- ▷ DIP S/W : 4 → OFF (enable A/V3)
- ▷ DIP S/W : 5 → ON (6.5" Alpine)
- ▷ DIP S/W : 6 → OFF
- ▷ DIP S/W : 7 → ON (enable CVBS4)
- ▷ DIP S/W : 8 → OFF





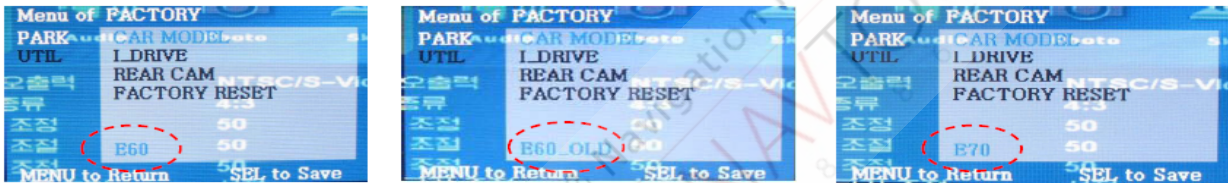
POWER : N.C
 PIP : Activating PIP (Picture in Picture)
 MENU : Activating OSD Menu
 OK : Select
 ▲ : UP
 ▼ : DOWN
 ◀ : LEFT
 ▶ : RIGHT
 *FACTORY MODE (Interface setting)
 : Operated with pressing ▲ -> ▼ -> ▲ buttons of the remote in sequence



MENU : OSD Menu, switching to previous mode.
 SEL : Selection in menu, switching AV sources.
 UP : Move to Left, Up
 DOWN : Move to Right, Down
 UP + DOWN at once : Operating "SAFE MODE"
 *FACTORY MODE (Interface setting for installer)
 : Operated by pressing ▲ → ▼ → ▲ → MENU of remote or keypad in order.

• Factory Mode

- Factory mode is activated by pressing ▲ → ▼ → ▲ → MENU buttons of the remote.



Factory Mode :

- UTIL - CAR MODEL
 - : E60 - When to install BMW 5 series (E60)
 - : E60_OLD - When there is a offset problem on E60
 - : E70 - When to install BMW X5 (E70)

※Selecting / Choosing function is by "SEL" button on the Keypad



Factory Mode :

- UTIL - I-DRVIE
 - : NEW I-DRV - When there is a New I-Drive on the car like the picture on the right
 - : OLD I-DRV - When there is a Old I-Drive on the car like the picture on the right



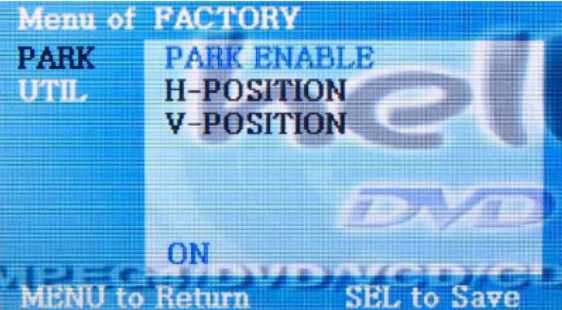
<- 2009model I-DRIVE >

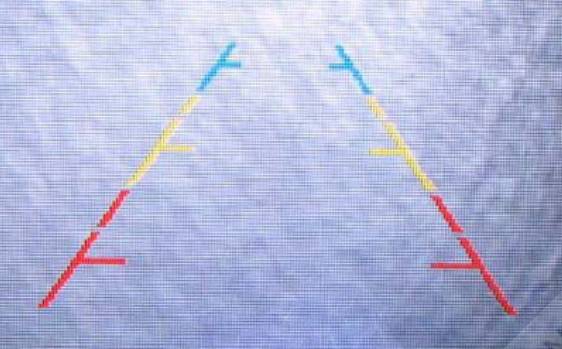



<- 2008model I DRIVE >

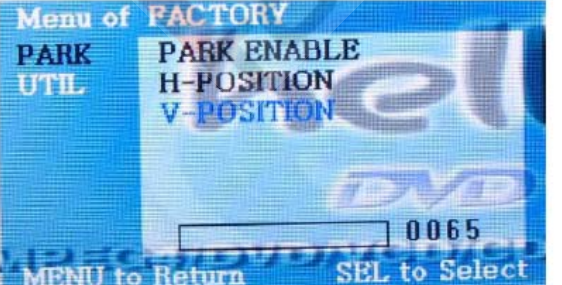
※Selecting / Choosing function is by "SEL" button on the Keypad
 ※ 328i, 335i 2009model : OLD I-DRV, 5 series : NEW I-DRV

Factory Default : DISPLAY - DISABLE

- ①  ① When the car gear is in reverse, Enter to the Factory mode by ▲ → ▼ → ▲ → MENU button of remote. Then, the left image will be displayed on the screen.

- ②  ② Set "PARK ENABLE" to "ON" on the park mode, then the line will be displayed like the pic no. 2
- * If you would like to remove this line, just select "Off" on the above process.

- ③  ③ Can move the line with H-Position on the factory mode.

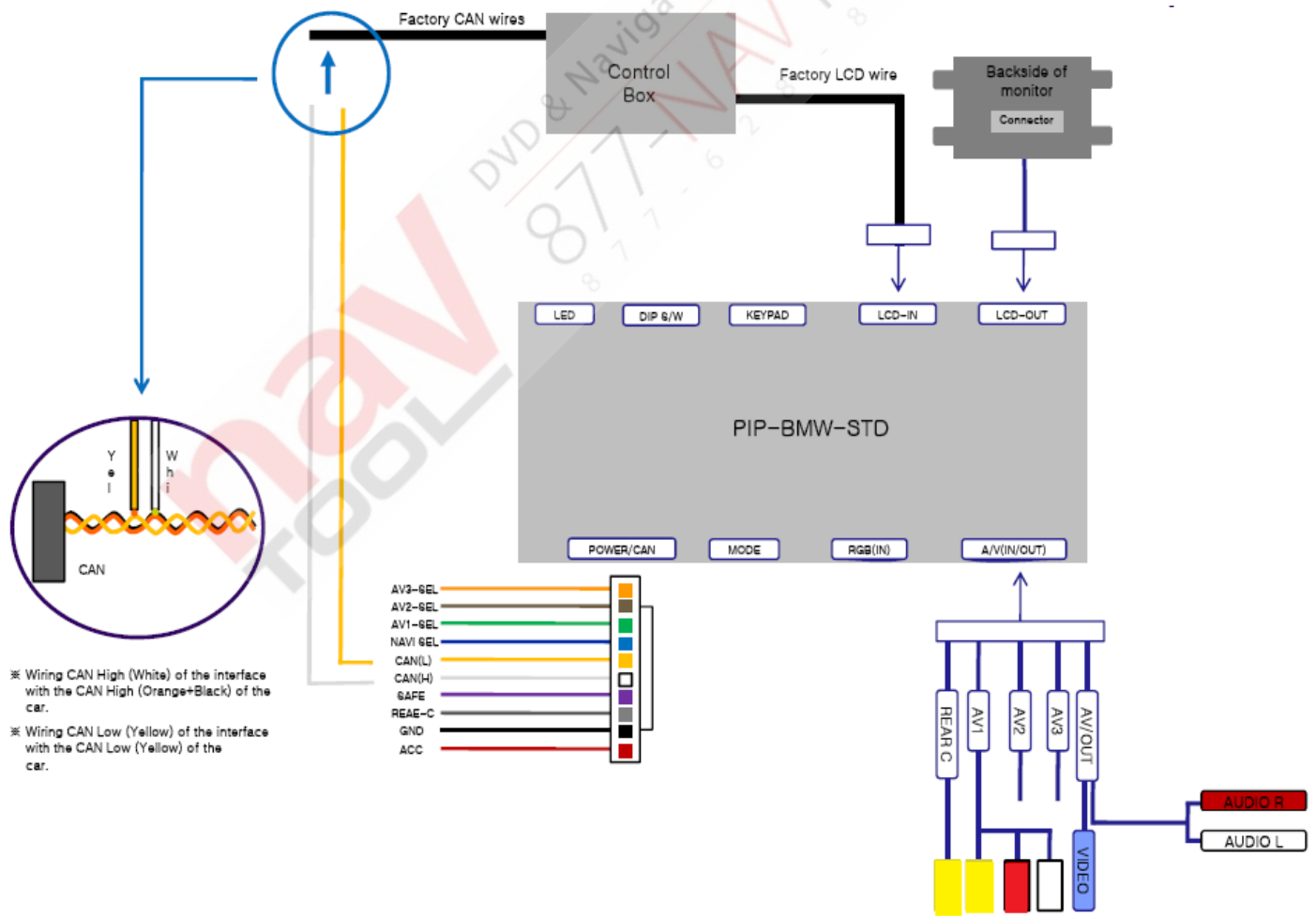
- ④  ④ Can move the line with V-Position on the factory mode.



☆ : PIP Mode

⇩ : Switching AV source with long press

- PIP (picture in picture) Function (Only available in 8.8" model)
- Higher Quality
- Controlling PIP function by "☆" button on the steering wheel
- switching AV source by "⇩" on the steering wheel

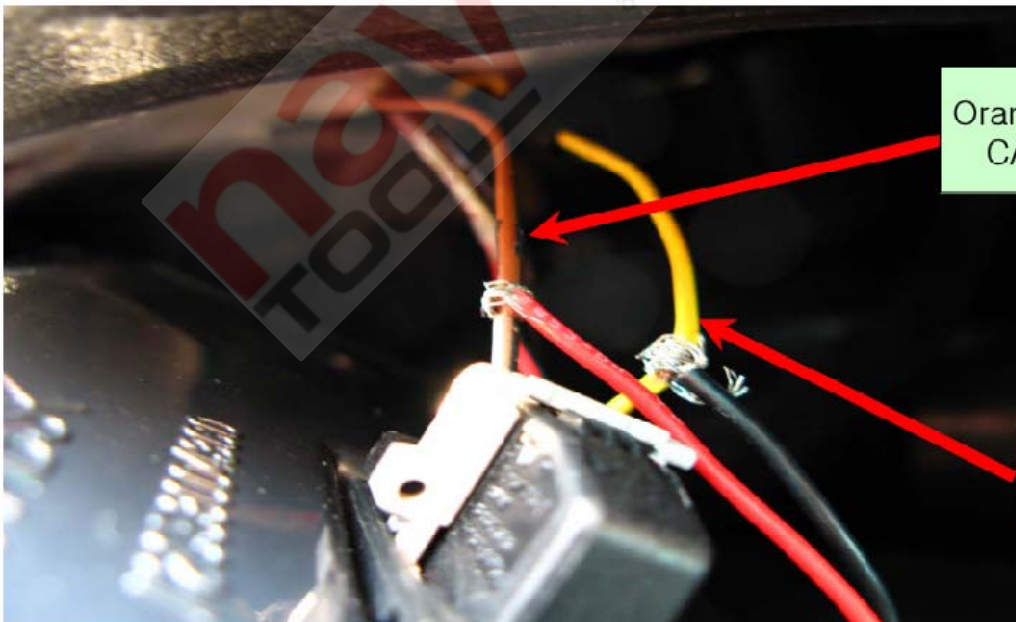


* CAN BUS WIRING DIAGRAM [BMW X5(E70)]

→ OEM CAN BUS WIRE : GREEN(CAN L), GREEN & ORANGE(CAN H)



E60 CAN Wiring Diagram



1. Monitor separation



- Remove indicated screws with a proper tool to take apart monitor from the vehicle.



- Pull the monitor out from up to down and take apart it.

1. REMOVE 2 TORX T10 SCREWS AT THE TOP OF THE SCREEN

2. ONCE SCREWS ARE REMOVED, THERE WILL BE A GAP BETWEEN DASHBOARD AND TOP OF THE SCREEN

3. PLACE SOFT COVERING ON TOP THE SCREEN, AND PULL IT OUT

4. REMOVE 2 CONNECTORS FROM BACK OF THE SCREEN

5. METAL CONNECTOR IS YOU LCD VIDEO, PLASTIC CONNECTOR IS WHERE YOU FIND YOUR CAN-H AND CAN-L TWISTED WIRES

ACCESSORY WIRE COULD BE FOUND AT THE BRAKE PEDAL HARNESS, IT'S A PURPLE COLOR. (YOU MUST USE A RELAY DO NOT CONNECT ACCESSORY POWER FROM THE INTERFACE DIRECTLY TO VEHICLES PURPLE WIRE)

PLEASE FUSE ALL YOU CONNECTIONS AT LEAST 10 INCHES AWAY FROM YOUR POWER SOURCE, PLEASE USE PROPER FUSE RATING

1. When can not change mode.
 - Check if the IR Cable (Remote) is connected or not.
 - Check if LED is turned on or not. If it is not turned on, Check if power cable is connected or not.
 - Check if CAN is connected well.
2. When the screen is displaying only black color.
 - Check if 2nd LED is turned on or not. If it is not turned on, please check all video sources that you will connect with the interface is operating well or not.
 - Check if interface is connected well.
3. When displayed color of screen is not proper. (If it's too dark or the color is not proper)
 - Try to push "Reset button" on the remote control. If the color of screen keeps on displaying wrong color, you have to ask manufacturer for the problem.
 - Try to adjust Color, Contrast, Brightness by the remote.
4. When Back-up camera is not displayed on the screen.
 - Turn Dip S/W no.7 on.
5. When the mode you set is not skip.
 - Check if Dip S/W is set in proper way.
6. When Main screen on the car is not displayed.
 - Check if In/Out cables are connected well. If it keeps showing the same problem, you have to ask manufacturer for the problem.
7. When the screen is displaying only white color.
 - Check if out cable is connected well. If it keeps showing the same problem, you have to ask manufacturer for the problem.

