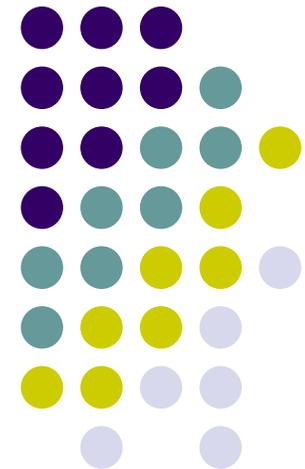


# BMW New X-5 MODULE(E70) SPECIFICATION

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- . MODEL: BMW New X-5 REV.0
- . P/N :



## Index

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- . Main Specification
- . System Composition Map
- . Dimension
- . MODULE EXTERNAL
- . DIP SW Operation Process
- . Remote Control Guide
- . Power Cable
- . CAN Module
- . OSD(On Screen Display) Function
- . Products composition
- . FAQ

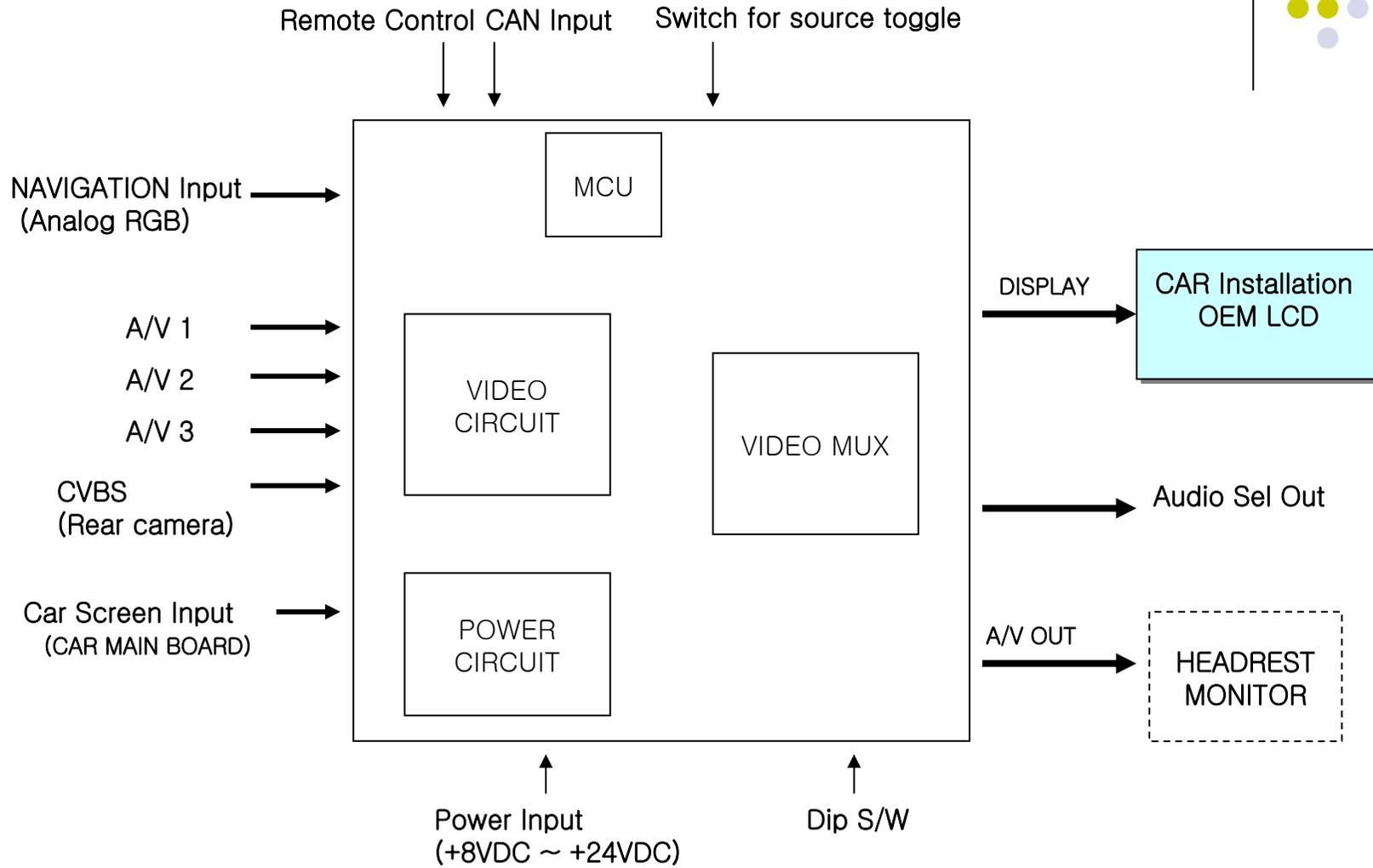
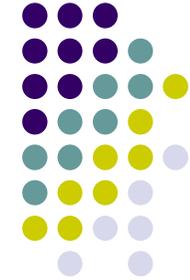
# Main Specification

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1. Input Spec. (MULTI VIDEO INTERFACE)
  - 3 x A/V Input (External video source).
  - 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
  - 1 x Analog RGB Input (Navigation System output)
  - 1 x LCD Input (Car system Input)
  
2. Output Spec.
  - 2 X CVBS OUTPUT (Video Out for installing Headrest monitor)
  - 1 X AUDIO OUTPUT (Audio Out )
  - 1 X LCD OUTPUT(LCD Operation)
  
3. Power Spec.
  - Input Power : 8VDC ~ 24VDC 8VDC ~ 24VDC Or Cigar Jack Power For Vehicle
  - Consumption Power : 12WATT, Max
  
4. Switch Input mode
  - Input Video MUTE Function : Possible to make each input mute by operating Dip S/W.
  - Possible to switch Input mode with remote control
  - Possible to switch Input mode with switch for source toggle
  - Possible to switch mode every time by applying +12VDC with CAN Input.

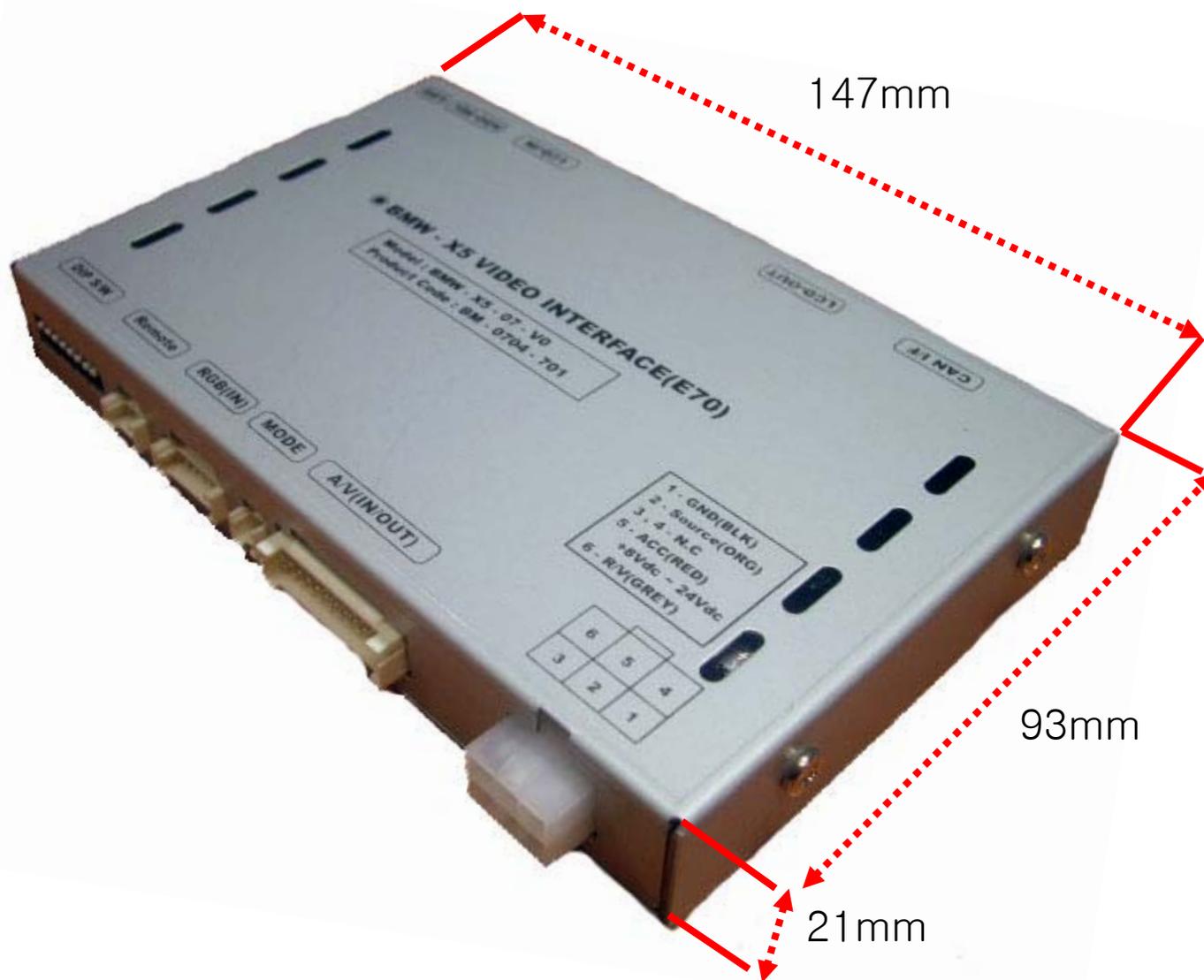
# System Composition Map



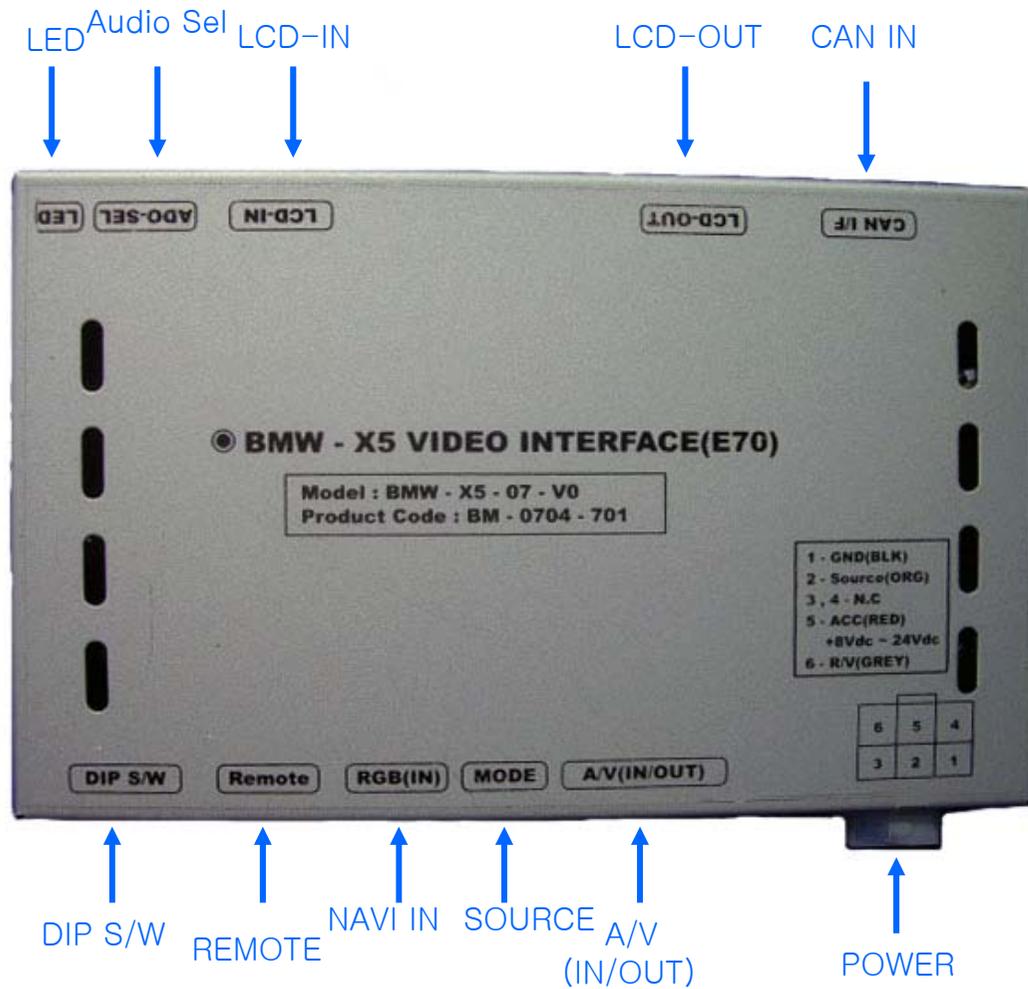


## Dimension

143mm \* 99mm \* 21mm

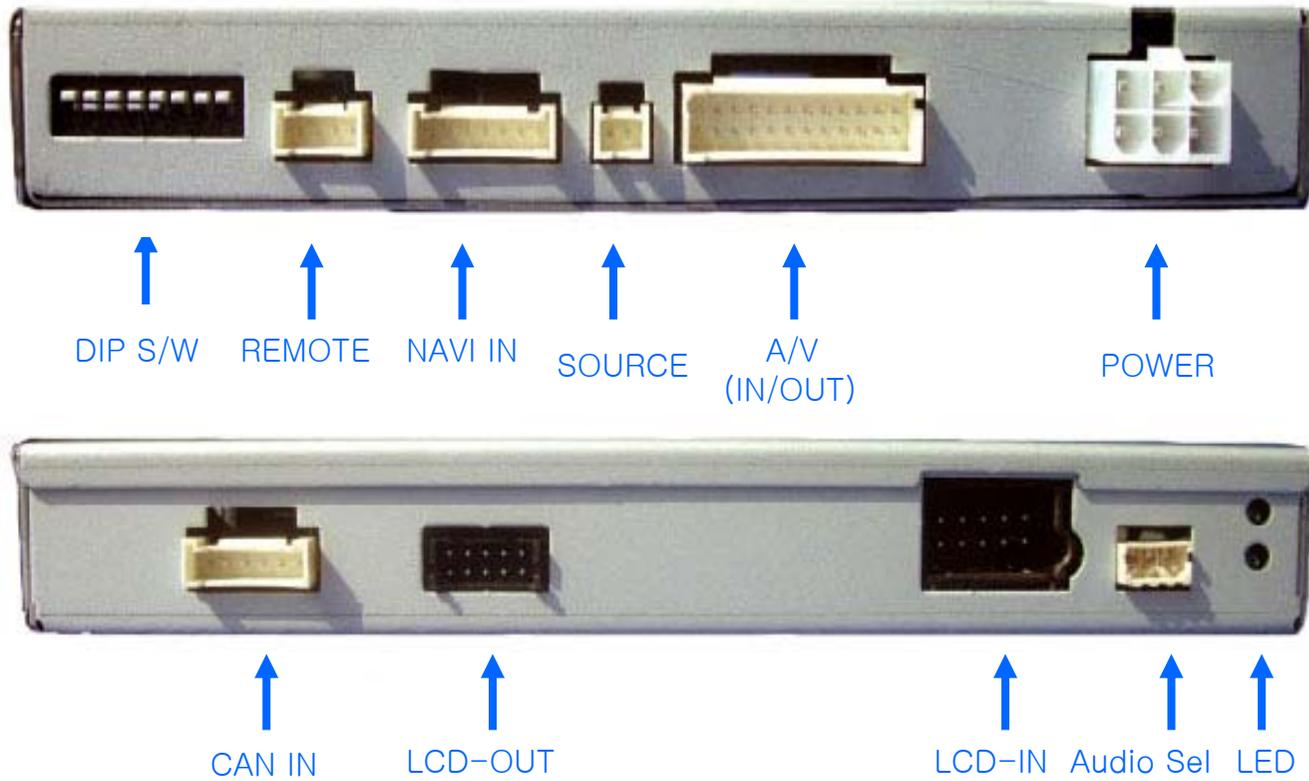


# MODULE EXTERNAL



※ This can change under manufacturer's circumstance

## MODULE EXTERNAL



※ This can change under manufacturer's circumstance

## CAN Module



WHITE:CAN HIGH  
YELLOW:CAN LOW

\*USAGE : If you push 'Menu' button for 1 sec, it's turned to OEM screen. If you push it for more than 2 sec, the mode is changed.

You can find it which is 12 pin Connector behind of Monitor.

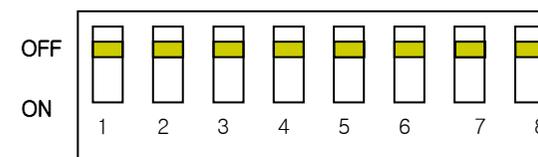
Among 12 wires, you can find twisted or joined 2 wires, one of them is CAN High, the other is CAN Low.

Do not cut the Can High&Low wire; you must be joining those wires.



## DIP SW Operation Process

#PIN	Operating when turn DIP S/W on
1	NAVI INPUT MUTE → Skipping NAVI Mode.
2	A/V 1 MUTE → Skipping A/V 1
3	A/V 2 MUTE → Skipping A/V 2
4	A/V 3 MUTE → Skipping A/V 3
5	On : 6.5" LCD Setting (Possible to use for BMW 1 series), Off : 8.8" LCD Setting
6	On : Siemens Setting (Only when to turn on the 5 <sup>th</sup> pin), Off : Alpine Setting (Only when to turn on the 5 <sup>th</sup> pin) On : Operation Rear Monitor for New 7 (Only when to turn off the 5 <sup>th</sup> pin) Off : 8.8" Setting
7	When to choose rear mode (ON : CVBS4, OFF : MAIN)
8	N.C

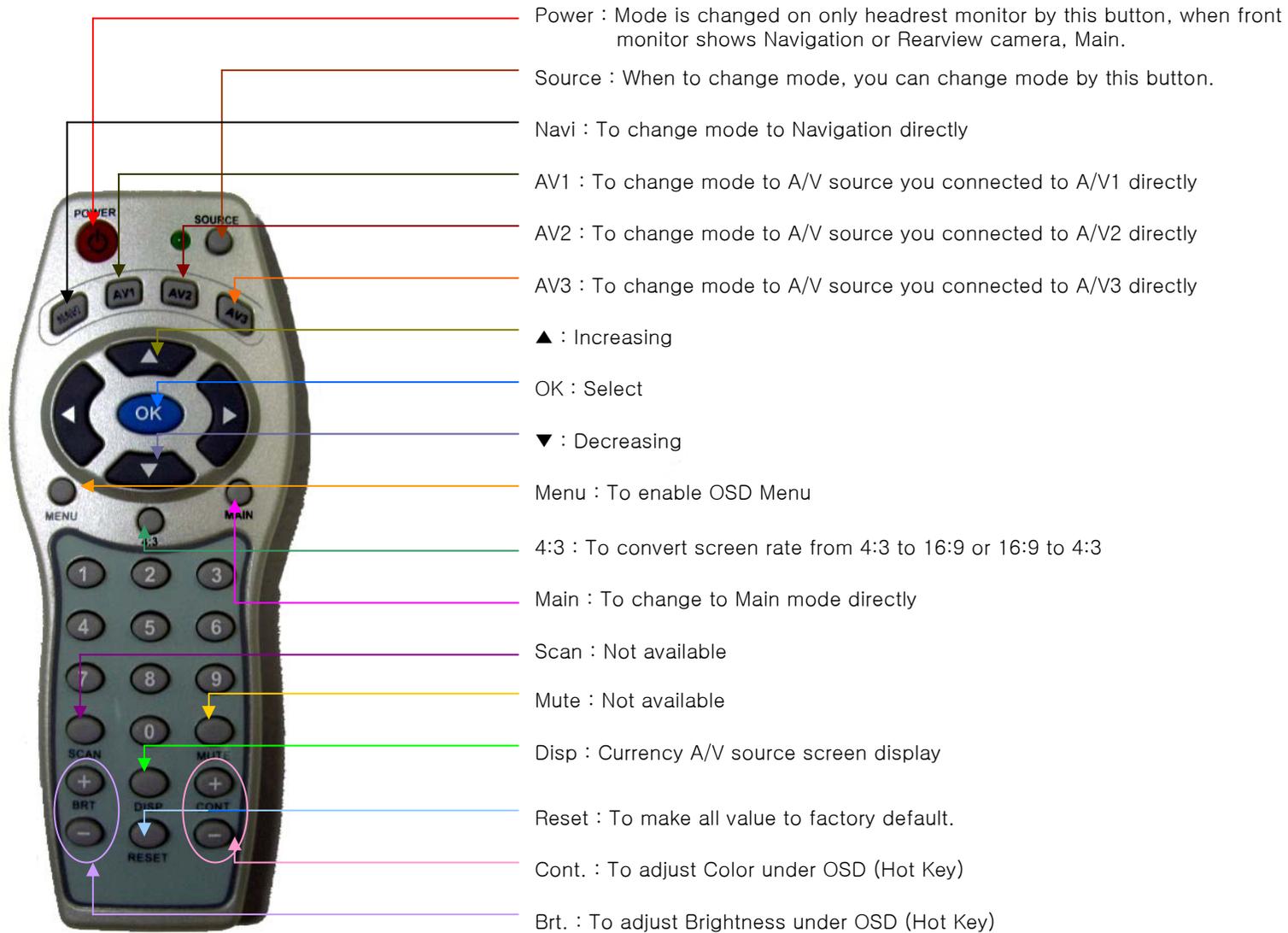


[Front View]

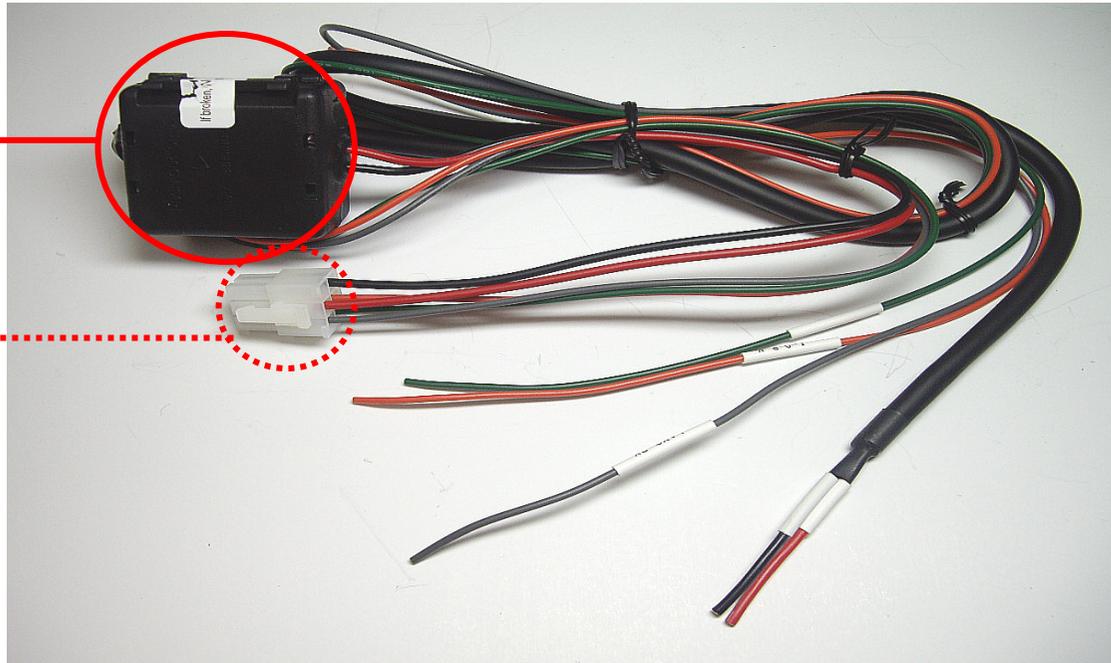
### (DIP S/W Use Example)

- . Use Input Mode : MAIN + A/V 3 + 6.5" + Alpine LCD
- . Rear Camera : When to be installed on CVBS 4
- ▷ DIP S/W : 1,2,3 → ON (INPUT MODE SKIP)
- ▷ DIP S/W : 4 → OFF (enable A/V3)
- ▷ DIP S/W : 5 → ON (6.5")
- ▷ DIP S/W : 6 → OFF (Alpine LCD)
- ▷ DIP S/W : 7 → ON (enable CVBS4)
- ▷ DIP S/W : 8 → OFF

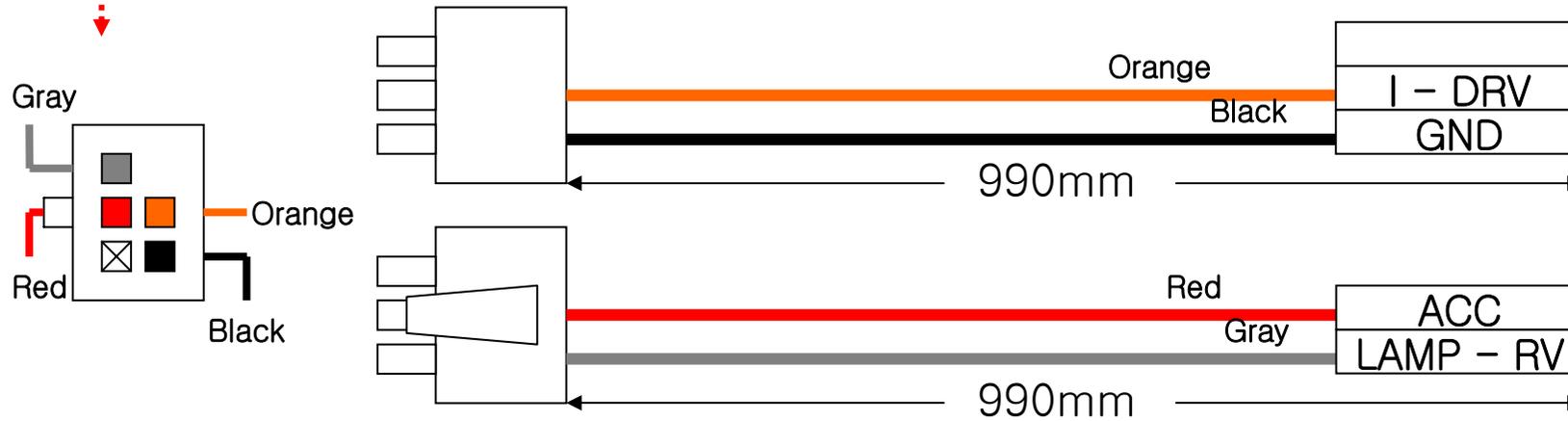
# Remote Control Guide



# Power Cable



FILTER & FUSE BOX



## OSD(On Screen Display) Function



### · Analog RGB Mode



### · Video Mode



The following settings are available in the COLOR Menu :

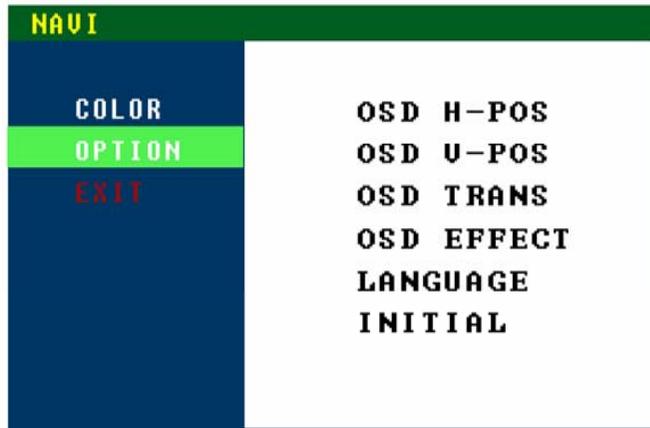
- BRIGHTNESS : It is used to adjust brightness of the screen.
- CONTRAST : It is used to adjust distinction (Image noise clearness).
- RED, GREEN, BLUE : You can adjust red, green and blue setting for user color temp.
- SATURATION : Adjust the saturation the picture.
- HUE : It is used to adjust the display hue adjustment of the screen.
- SHARPNESS : Adjust the sharpen or soften the picture.

## OSD(On Screen Display) Function

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- Analog RGB Mode



The following settings are available in the OPTIONS Menu :

- OSD H-POS : It is used to move menu screen right-wards or left-wards.
- OSD V-POS : It is used to move menu screen up-wards or down-wards.
- OSD TRANS : You can select the OSD background to be opaque or translucent.
- OSD EFFECT : Menu screen display function.
- LANGUAGE : OSD language and appearance can be changed.
- INITIAL : Screen parameters are replaced with the factory default values.



## FAQ

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1. When can not change mode.
  - . Check if the IR Cable (remote control) 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.
  
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 the 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.
  
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.
  
8. The case the screen is displayed in screen rate 4:3 when the monitor is 8.8 inch.
  - . Try to push a button written “4:3” on the remote control.
  - . Check if Dip S/W no.5 is turned on, if it does, please turn it off.
  
9. When the displayed image is overflowed and the screen is 6.5 inch.
  - . Check if Dip S/W no.5 is turned off, if it does, please turn it on.