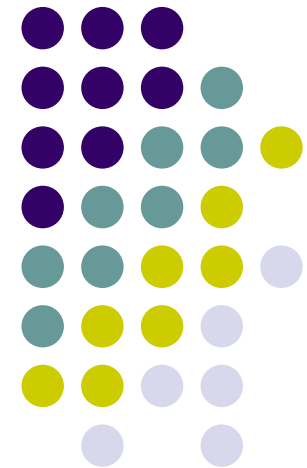


# BMW NEW 7 MODULE SPECIFICATION

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- . MODEL: BMW NEW 7 REV.2
- . P/N :



# Main Specification

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## 1. Input Spec. (MULTI VIDEO INTERFACE)

- 1 x Analog R,G,B(Sync on Green)
- 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
- 3 x A/V (NTSC & PAL) Input.
- 1 x LCD Input (Car system Input)

## 2. Output Spec.

- 2 X CVBS OUTPUT (Video Out for installing Headrest monitor)
- 1 x Audio OUTPUT
- 1 X LCD OUTPUT(LCD Operation)

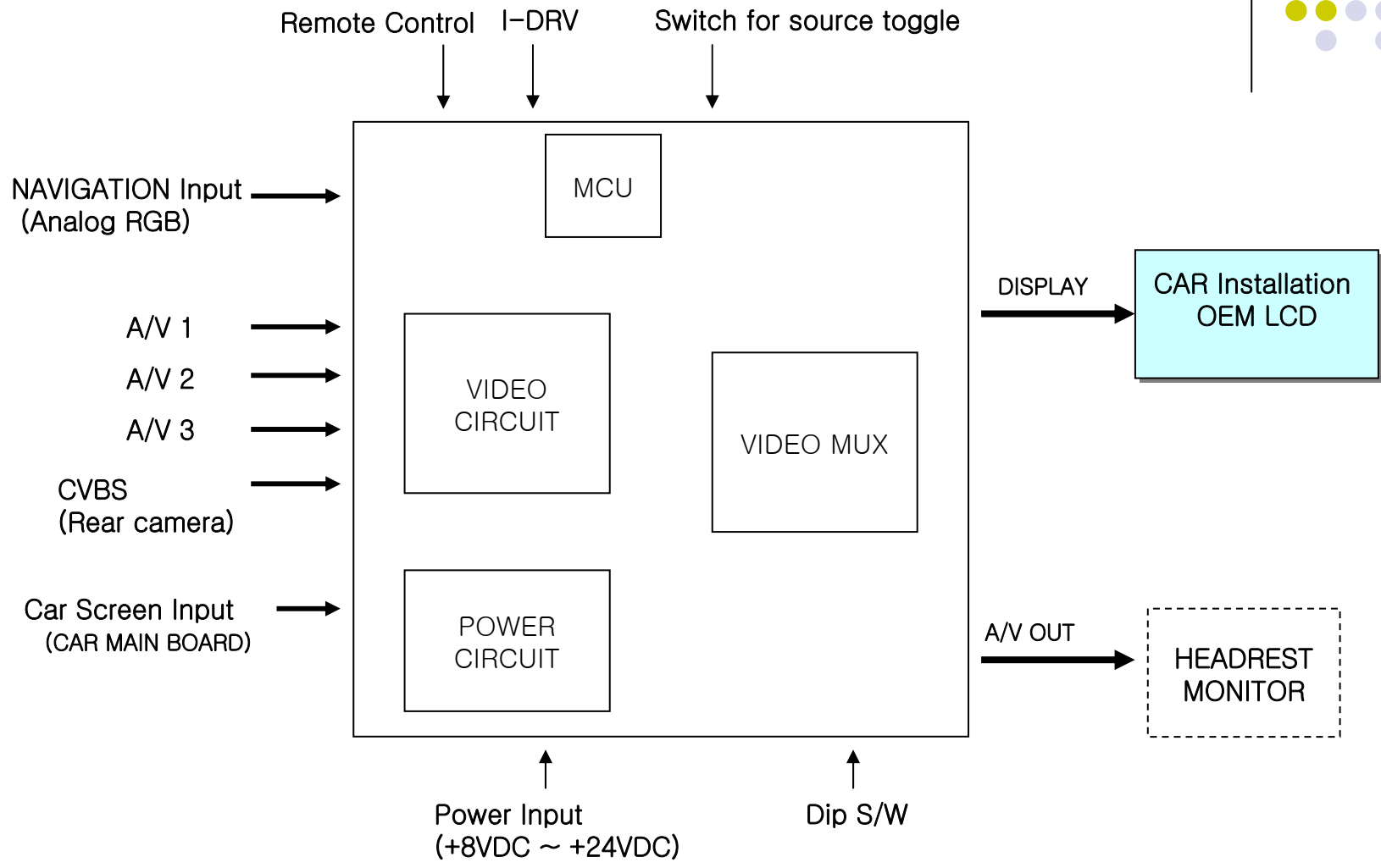
## 3. Power Spec.

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

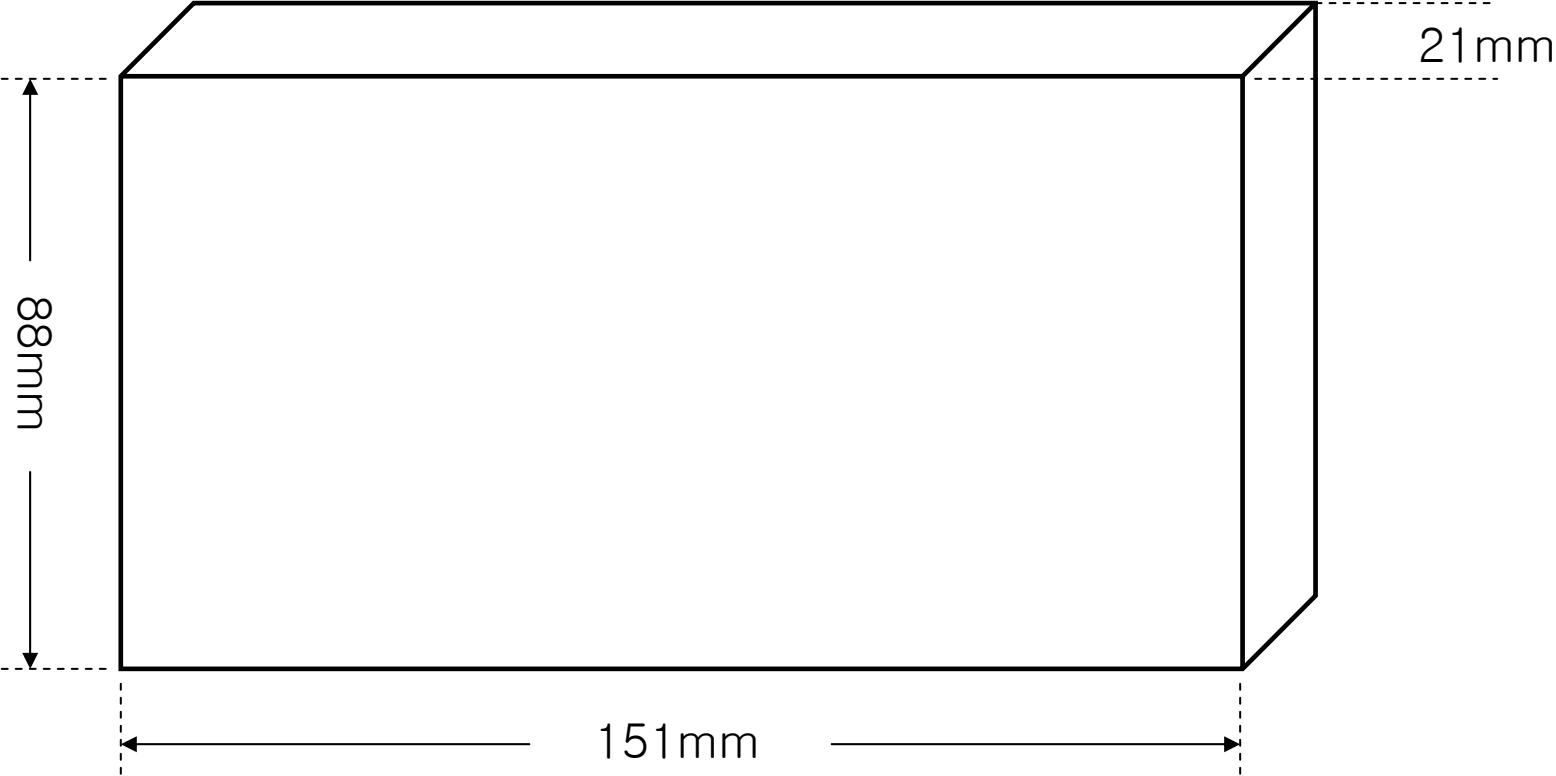
## 4. Switch Input mode

- 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 Navi button of Power cable.

# System Composition Map



Outline Dimension



# MODULE EXTERNAL



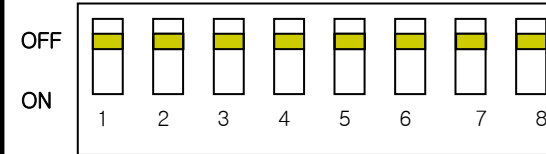
Sub-board for BMW N-7

※ This can change under manufacturer's circumstance

# 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, Off : 8.8" LCD Setting
6	N.C
7	When to choose rear mode (ON : CVBS4, OFF : MAIN)
8	N.C



[Front View]

## (DIP S/W Use Example)

- Use Input Mode : A/V 3, Navigation
  - Use LCD : 6.5"LCD
  - 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
  - ▷ DIP S/W : 6 → OFF
  - ▷ DIP S/W : 7 → ON (enable CVBS4)
  - ▷ DIP S/W : 8 → OFF

# Remote Control Guide



Power : Mode is changed on only headrest monitor by this button, when front monitor shows Navigation or Rearview camera, Main.

Source : When to change mode, you can change mode by this button.

Navi : To change mode to Navigation directly

AV1 : To change mode to A/V source you connected to A/V1 directly

AV2 : To change mode to A/V source you connected to A/V2 directly

AV3 : To change mode to A/V source you connected to A/V3 directly

▲ : Increasing

OK : Select

▼ : Decreasing

Menu : To enable OSD Menu

4:3 : To convert screen rate from 4:3 to 16:9 or 16:9 to 4:3

Main : To change to Main mode directly

Scan : Not available

Mute : Not available

Disp : Currency A/V source screen display

Reset : To make all value to factory default.

Cont. : To adjust Color under OSD (Hot Key)

Brt. : To adjust Brightness under OSD (Hot Key)

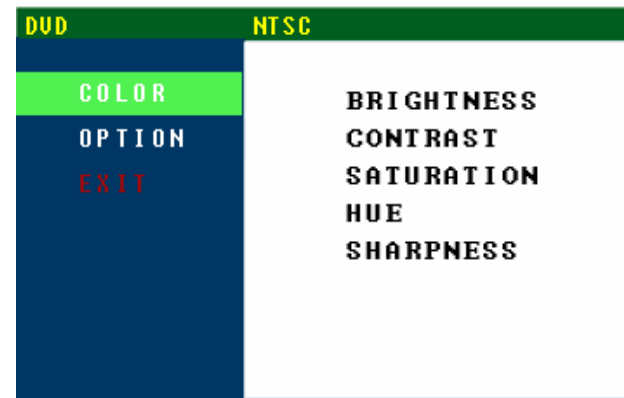
## OSD(On Screen Display) Function



### · Analog RGB Mode



### · Video Mode



The following settings are available in the COLOR Menu :

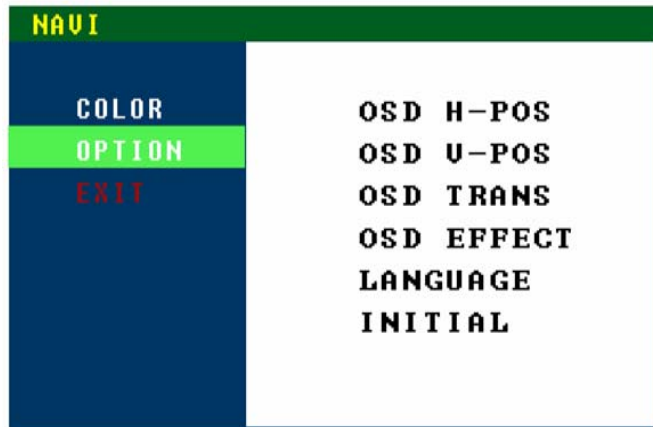
- BRIGHTNESS : It is used to adjust brightness of the screen.
- CONTRAST : It is used to adjust distinction (Image noise clearness).
- RED, GREEN, BLUE : You can adjust red, green and blue setting for user color temp.
- SATURATION : Adjust the saturation the picture.
- HUE : It is used to adjust the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

## OSD(On Screen Display) Function

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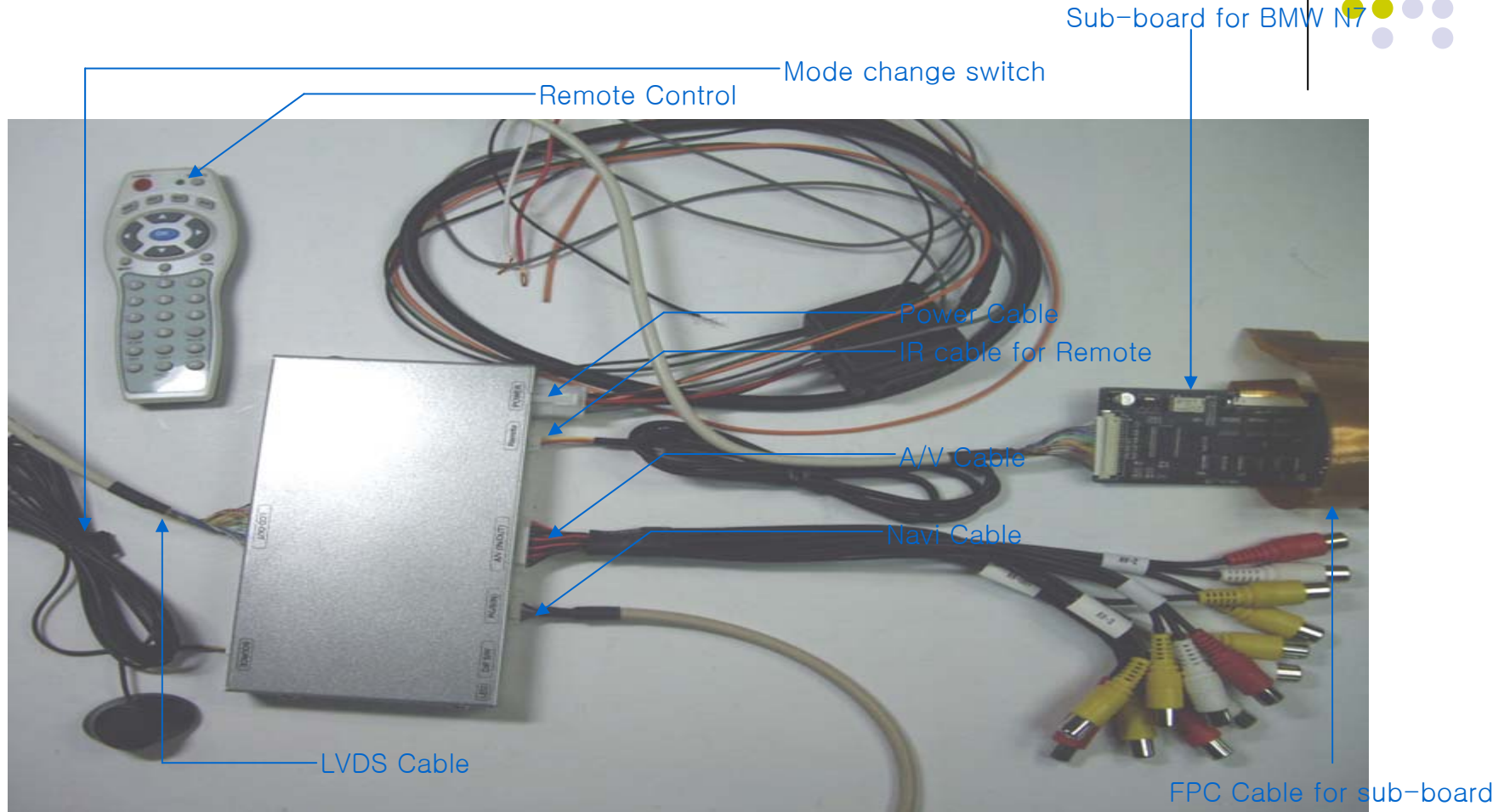
- Analog RGB Mode



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.

# Products composition



Remote Control : 1 piece  
LVDS Cable : 1 piece  
Mode change switch : 1 piece  
IR Cable for Remote : 1 piece

Power Cable : 1 piece  
A/V Cable : 1 piece  
Navi Cable : 1 piece  
FPC Cable : 2 pieces