



2026~ BMW EVO ID9.0 IU90FH3-MINI MANUAL

■ MAIN UNIT OF INTERFACE



BMW
[IU90FH3-MINI]

Car Brand	Model	Year Range	System
MINI Countryman MINI Cooper Convertible		2024~	MINI(EVO-ID9.0)

■ Power Switch Operation

※ Do not use the slide power switch while the vehicle system is operating.



If the slide power switch is used while the vehicle system is operating, the monitor screen may turn black. If the screen turns black, follow the steps below

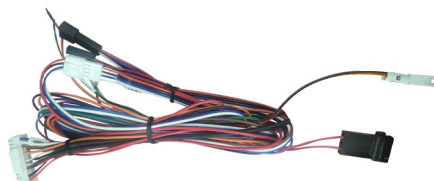
1. Turn off the engine.
2. Close all vehicle doors.
3. Wait approximately 7 minutes until the vehicle has completely shut down and entered sleep mode.
4. The system should then operate normally.

COMPONENTS

1 MAIN UNIT



2 MAIN CABLE(IU90FHK)



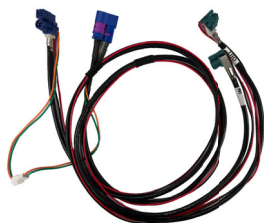
3 IR CABLE



4 REMOTE CONTROL



5 LVDS MINI CABLE



6 PUSH SWITCH



7 SLIDE POWER SWITCH



8 HDMI AUDIO CABLE



※ OPTION ※

BMW IU90FH3-MINI.

1. INPUT

- 1 x Digital RGB Input(LVDS IN)
- 1 x LVDS Input
- 1 x LVDS output
- 1 x HDMI(THE MODEL WHICH COMPATIBLE WITH HDMI)

2. Output

- 1 x Audio L/R

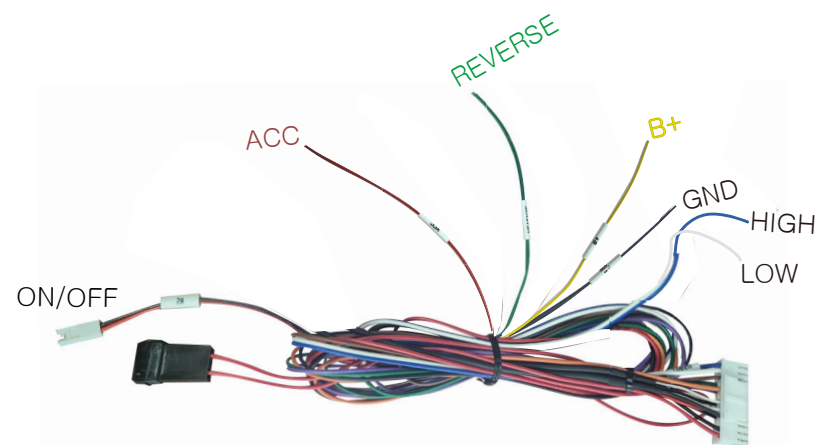
3. Power

- Input power : 8VDC ~ 18VDC
- Consumption : 6.5 Watt
- Ampere : 0.53A

4. Size

- 163*103*20mm(Width*Length*Height)

5. Power 24pin



DIP S/W

OFF

ON

1

2

3

4

5

6

7

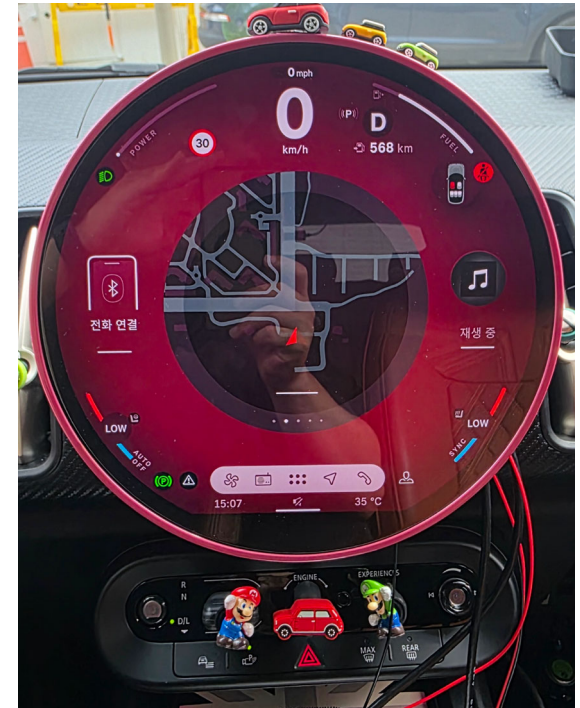
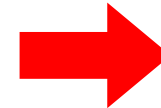
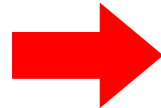
8

MINI Countryman

MINI Cooper Convertible

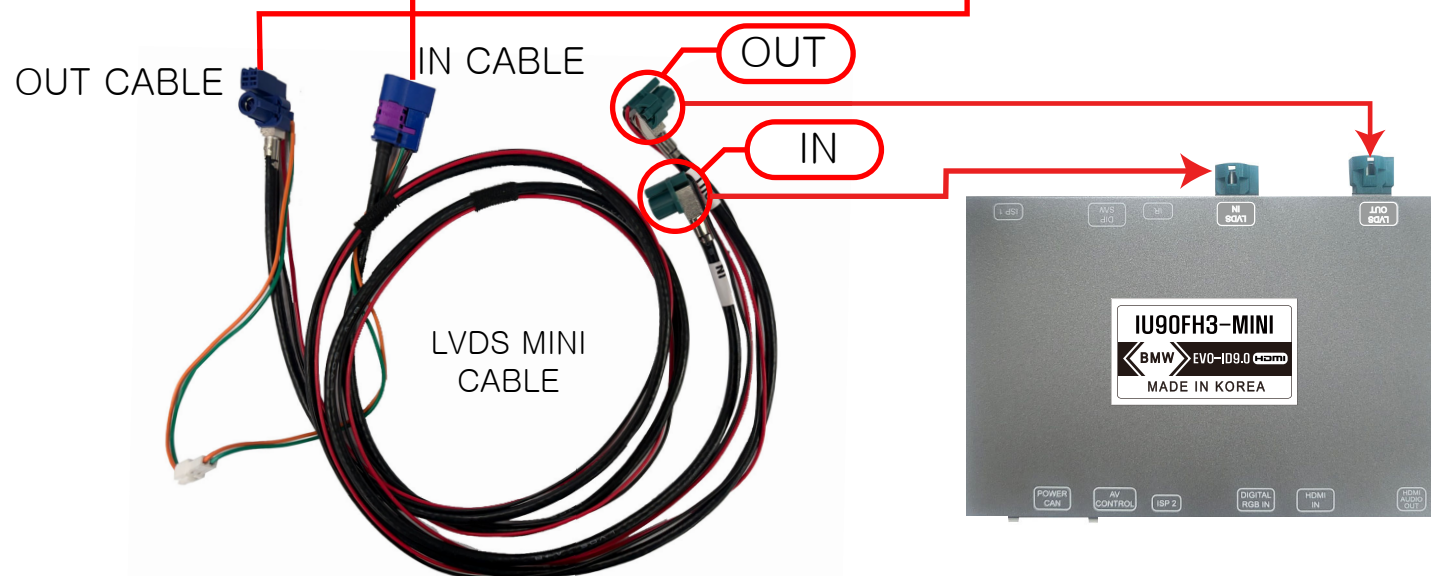
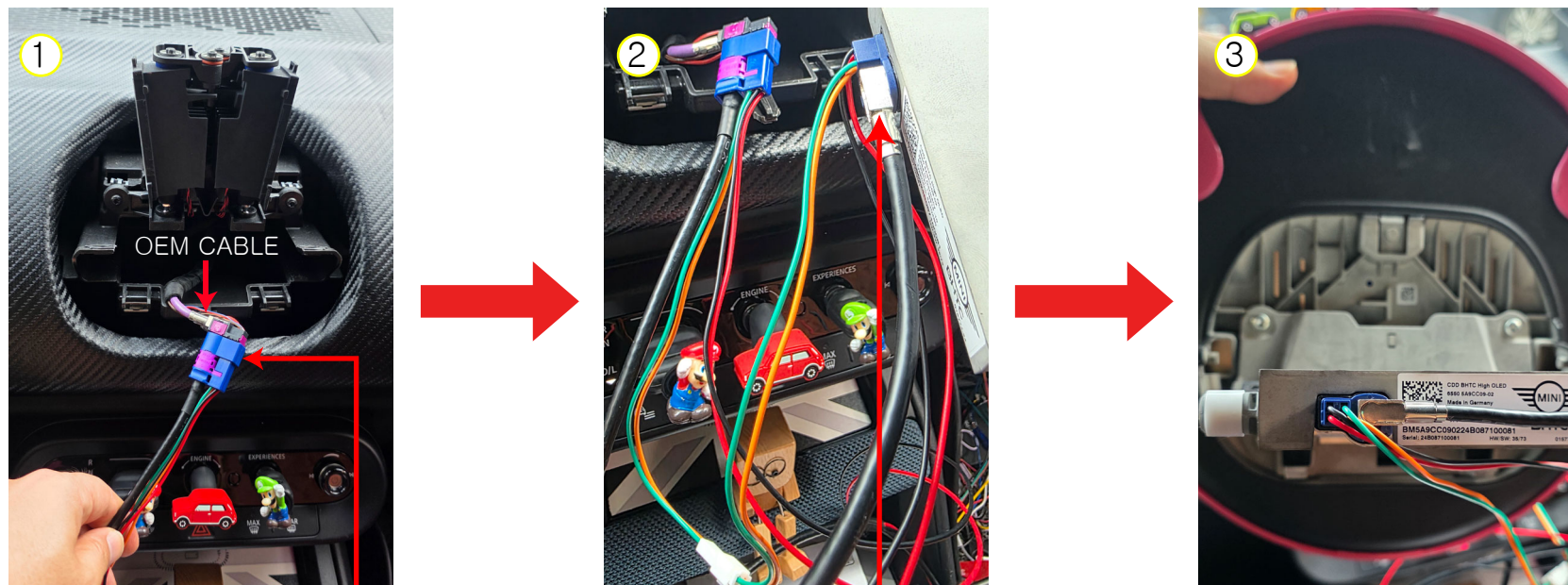
PIN	FUNCTION	DIP S/W SETTING
1	External Navigation	OFF
		ON
2	Vehicle Setting	
3	USB Touch Settings	
4	Rear Camera	OFF : OEM Camera
		ON : Aftermarket Camera
5	Vehicle Setting	
6	Vehicle Setting	
7	Vehicle Setting	
8	Vehicle Setting	

■ ID 9.0 MINI

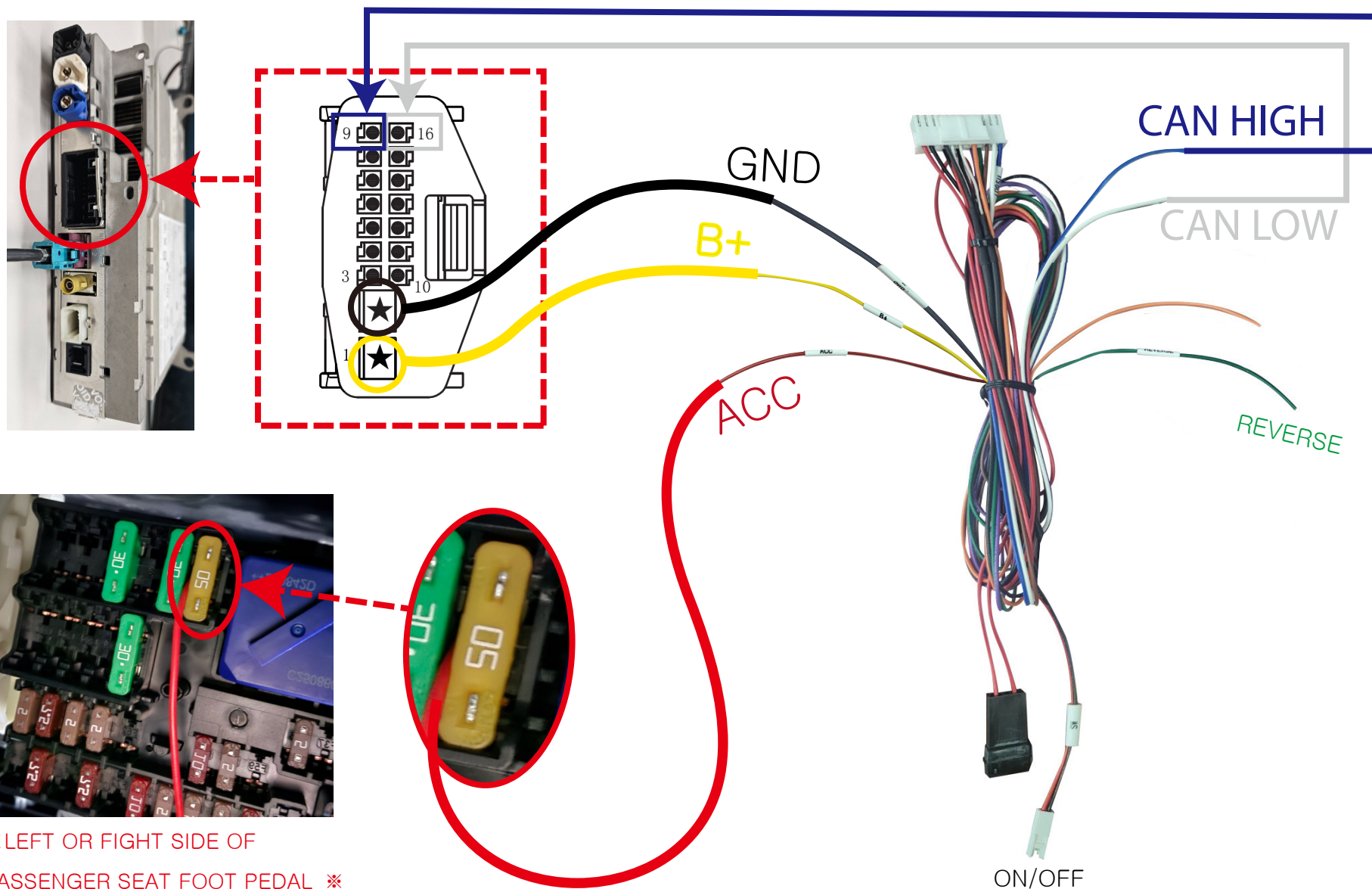


* During the initial startup, a black screen may appear for approximately 7–15 seconds after the MINI logo is displayed. This is normal and does not indicate a malfunction.

MONITOR LVDS CABLE CONNECTION DIAGRAM – ID9.0 MINI

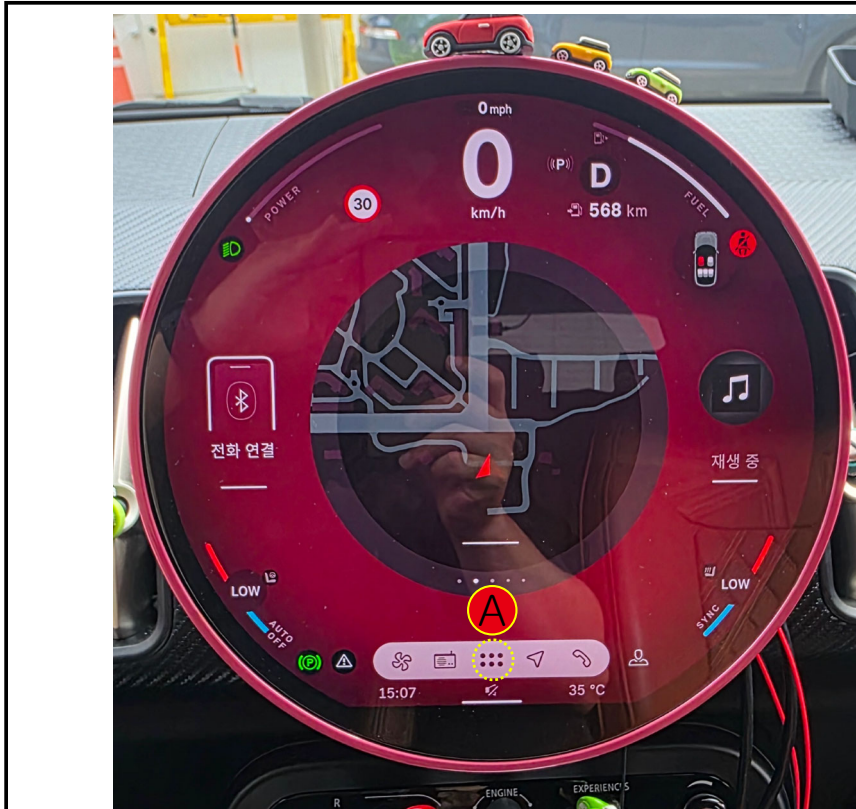


■ ID9.0 MINI – POWER CAN CONNECTION



※ LEFT OR RIGHT SIDE OF
PASSENGER SEAT FOOT PEDAL ※

■ SWITCHING TO THE OEM VIDEO SCREE



-  Press the PUSH button to switch the screen
-   Press and hold the button for 2 seconds to switch screens.

OEM → GPS → AV1 → AV2 → AV3 → HDMI

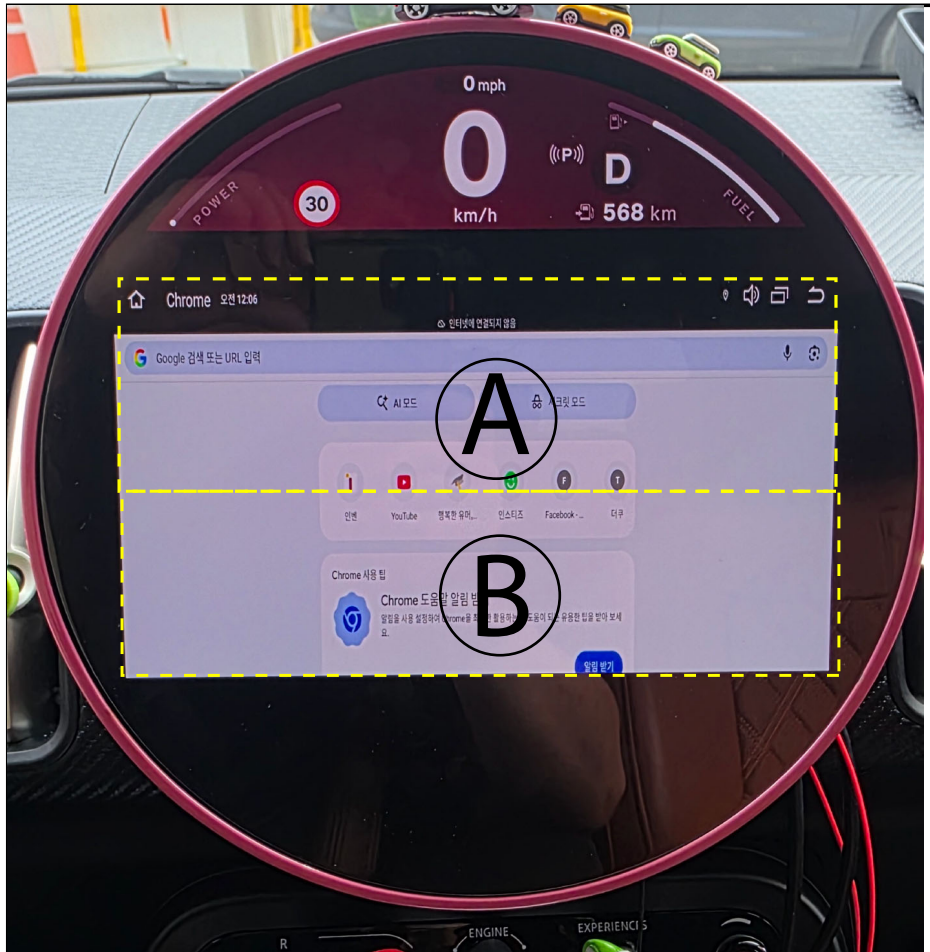
■ SWITCHING TO THE EXTERNAL VIDEO SCREEN



-  Press the PUSH button to switch the screen
-   Press and hold the button for 2 seconds to switch screens.
-   Go to OEM Video

OEM → GPS → AV1 → AV2 → AV3 → HDMI

DTV Channel UP/DOWN in AV and HDMI Input Modes



- Touch AreaⒶ on the video screen to change to the next channel (Channel UP).
- Touch AreaⒷ on the video screen to change to the previous channel (Channel DOWN).

※ Select the DTV to be installed in the OSD menu under AV or HDMI settings, then touch the indicated area on the screen.
The DTV Channel UP/DOWN IR code will be transmitted through the IR OUT wire.

※ The IR OUT wire must be connected to the DTV's IR input line for proper operation.

※ Available in AV1 and HDMI input modes.



[OSD MENU MANUAL]

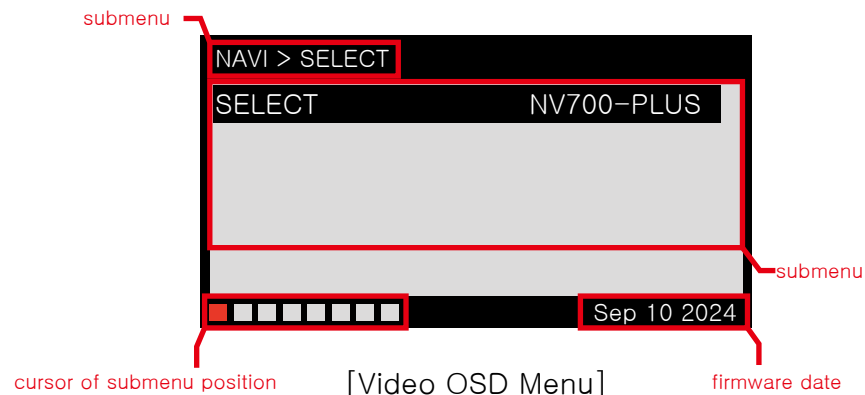
1. OSD MENU
2. Detailed features of [VIDEO OSD]

1. OSD MENU

There are two types of OSD menu as followed pictures.

[Video OSD Menu] is use for setting NAVI, AV1/2/3, video of HDMI and detailed features.

[Rear OSD Menu] is use for setting detailed features of rear camera mode.



1-1. THE METHOD HOW TO ENTER TO OSD MENU

[Video OSD Menu] The method how to enter to Video OSD Menu is press ¹ button for 4 times by R/C, on Navi, AV1, AV2, AV3, HDMI modes. numbers will display per press on screen. Finally, Please press ² button to enter when the screen appear number 4.

[Rear OSD Menu] The method how to enter to Rear OSD Menu is same as above method.

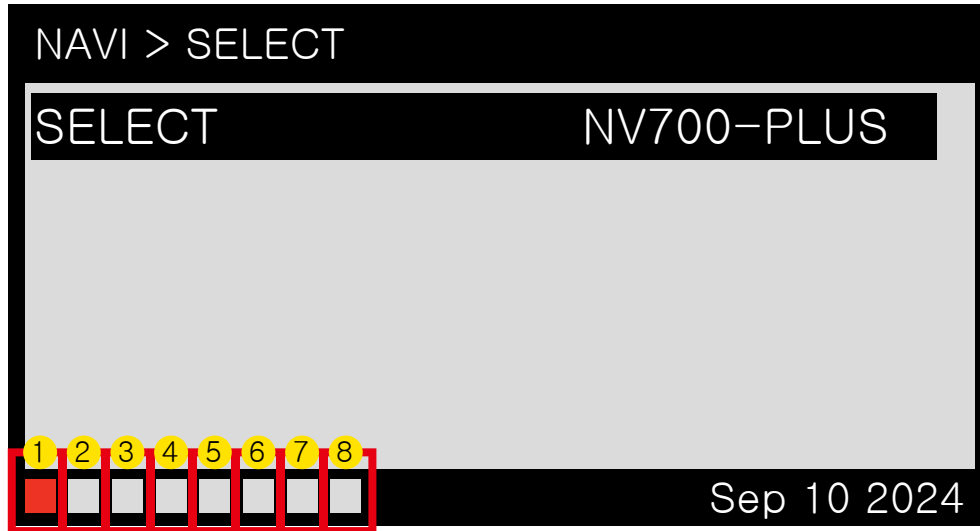
(pulting reverse gear to move the rear camera mode.)

1 ► 1 ► 1 ► 1 ► 2



[INTERFACE R/C]

2. Detailed features of [Video OSD]

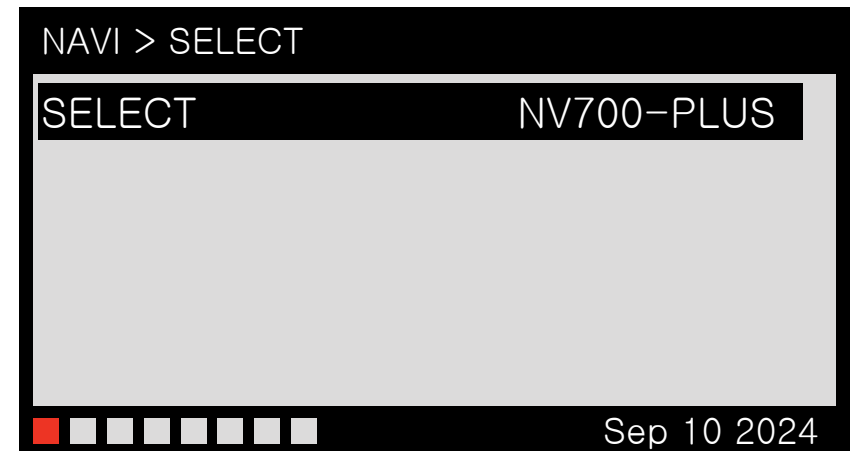


[NAVI SETTING]

- ① NAVI SETTING
- ② AV1 SETTING
- ③ AV2 SETTING
- ④ AV3 SETTING
- ⑤ HDMI SETING
- ⑥ FRONT CAMERA SETTING
- ⑦ INFORMATION
- ⑧ EXIT

2-1. NAVI

2-1(1). SELECT



Select proper navi model for analog rgb or digital rgb

HD-G2, CLASS-CSD for digital rgb devices like NETPLAY, ROIK, M2C

Rest models for analog rgb, normal select MST3000.

2-2. AV1(DTV)/ AV2(DVD)/ AV3(RECORDER)

2-2(1). SELECT

PLEASE USE AV MODES, OR SELECT CONNECTED DEVICE OF AV IN ORDER TO CONTROL.

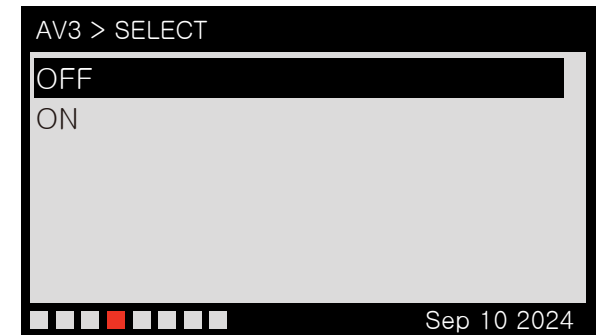
AV1



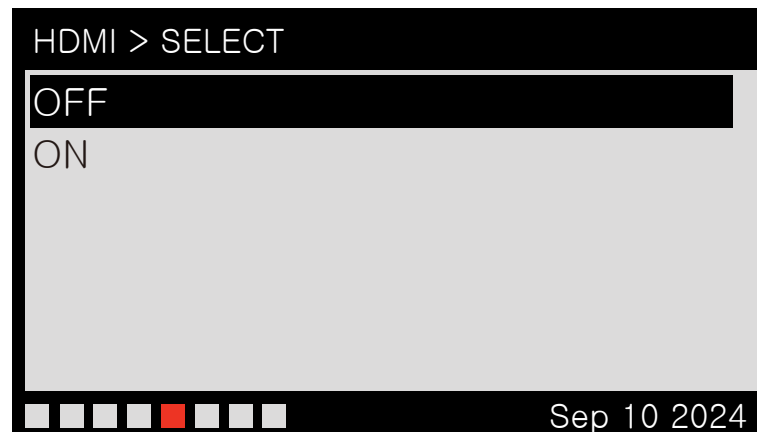
AV2



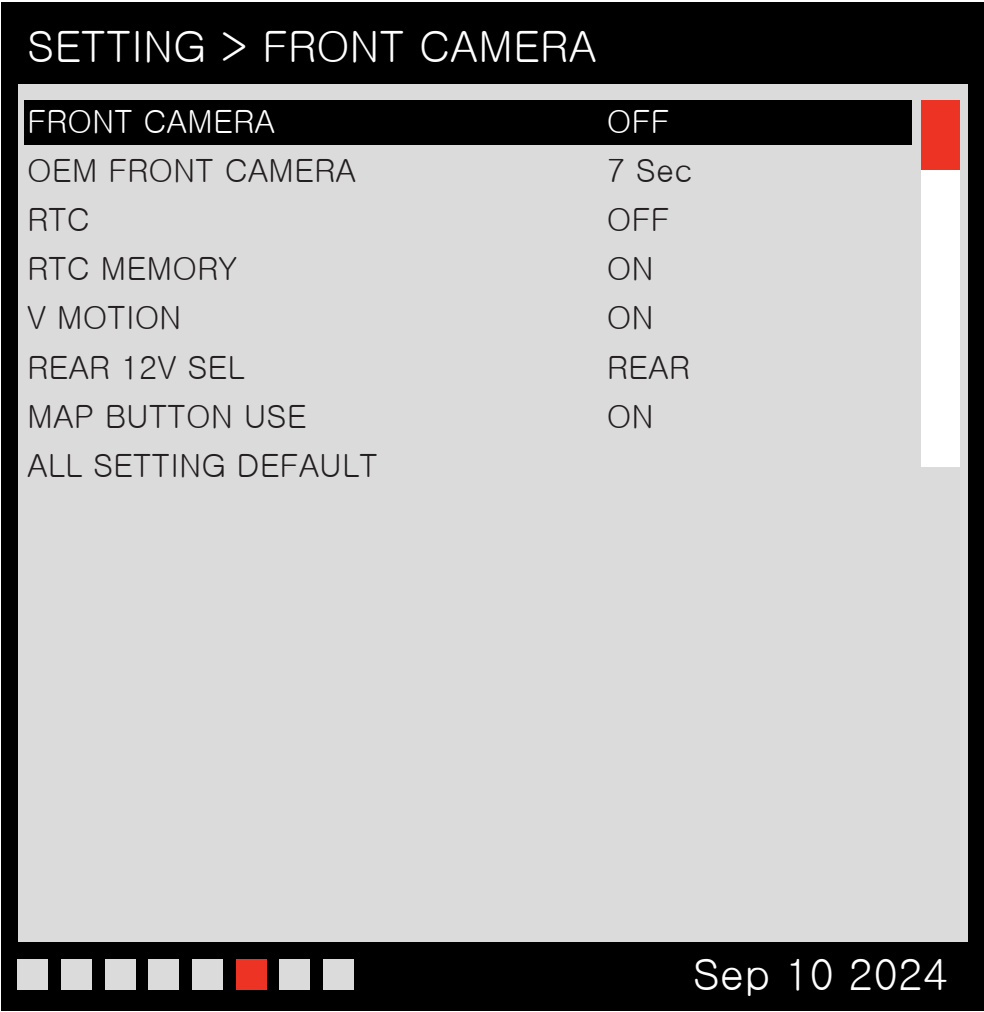
AV3



2-3. HDMI
2-3(1). SELECT



2-4. SETTING



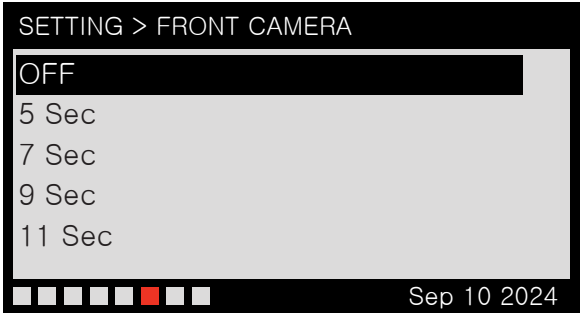
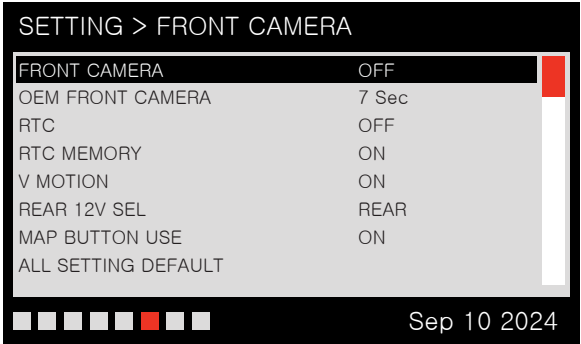
[OTHER SETTING]

2-4. SETTING

2-4(1). FRONT CAMERA

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

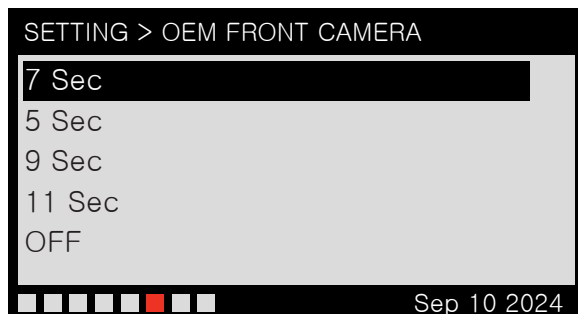
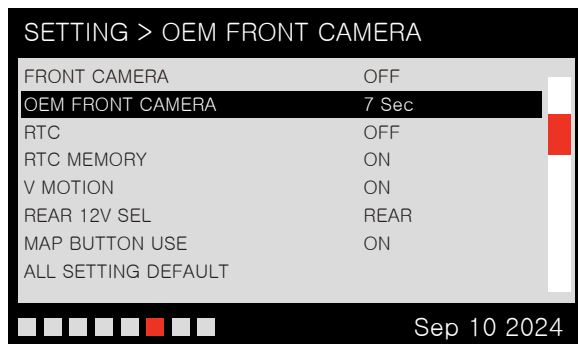
THIS SETTING FUNCTION USES FOR FRONT CAMERA. IT WILL DISPLAY REAR CAMERA INPUT WHEN PUT THE REVERSE GEAR. AND IT WILL DISPALY FRONT CAMERA INPUT AUTOMATICALLY WHEN PUT BACK TO DRIVE OR PARKING GEAR 5-11S.



2-4. SETTING

2-4(2). OEM FRONT CAMERA

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

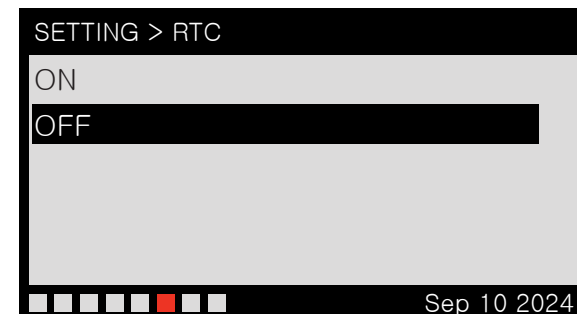
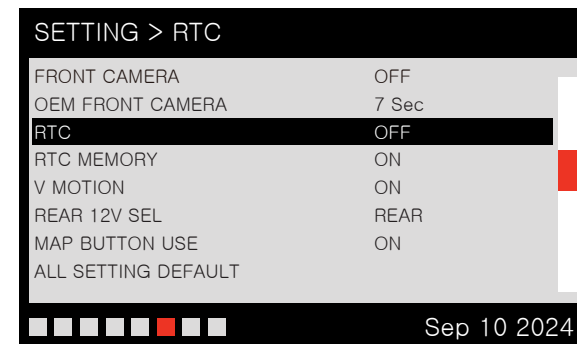


2-4. SETTING

(NOT ALL PRODUCTS WITH THIS FUNCTION)

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

SWITCH MODE BETWEEN FACTRY REAR CAMERA AND AFTERMARKET REAR CAMERA WHEN SELECT REVERSE.



2-4. SETTING

2-4(4). RTC MEMORY

(NOT ALL PRODUCTS WITH THIS FUNCTION)

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

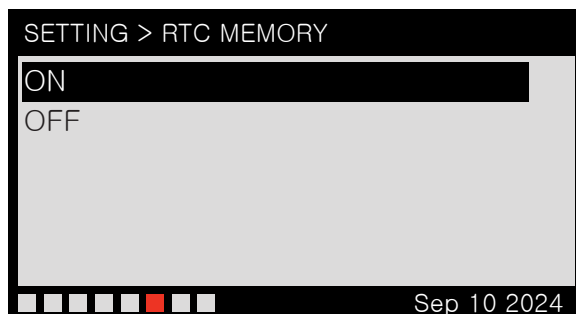
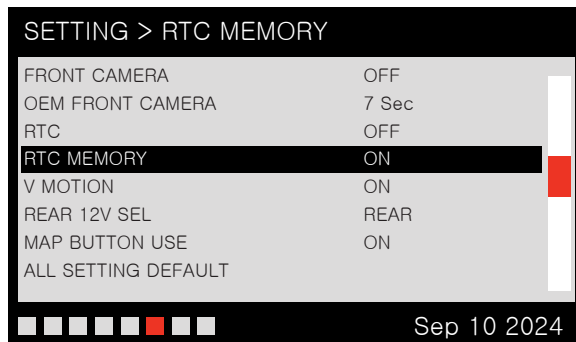
SELECT OFF WITH DIP SWITCH 4 OFF : ALWAYS DISPLAY FACTORY REAR CAMERA WHEN SELECT REVERSE.

SELECT OFF WITH DIP SWITCH 4 ON : ALWAYS DISPLAY AFTERMARKET REAR CAMERA WHEN SELECT REVERSE.

SELECT ON : NO MATTER YOU SET DIP SWITCH 4 ON OR OFF, IT WILL ALWAYS DISPLAY LAST MODE IN REVERSE.

IF THE LAST DISPLAY IN REVERSE WAS FACTORY REAR CAMERA, THEN IT WILL SHOW FACTORY REAR CAMERA EACH TIME YOU SELECT REVERSE.

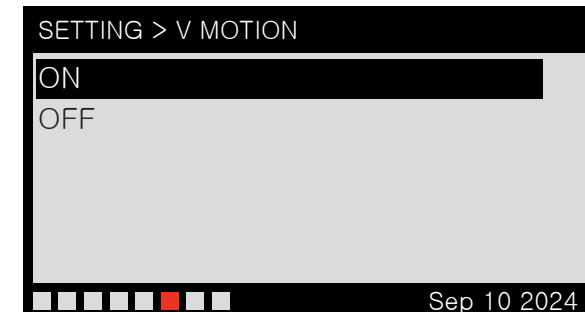
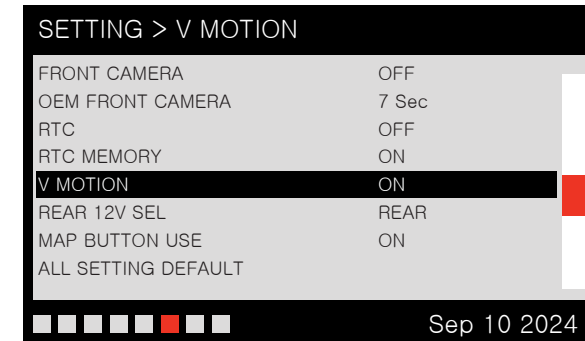
IF THE LAST DISPLAY IN REVERSE WAS AFTERMARKET REAR CAMERA, THEN IT WILL SHOW AFTERMARKET REAR CAMERA EACH TIME YOU SELECT REVERSE.



2-4. SETTING

2-4(5). V MOTION

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

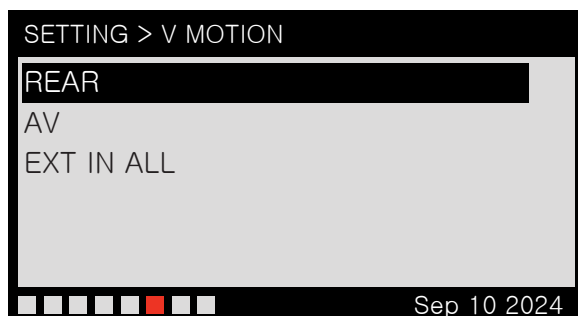
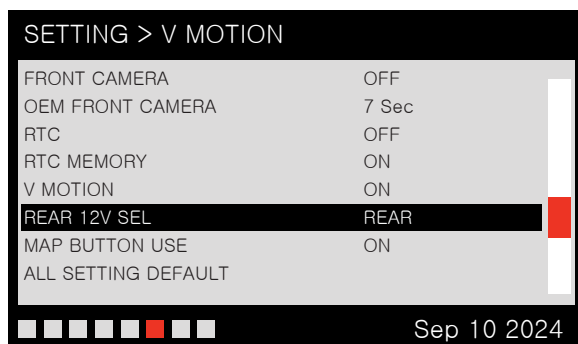


2-4. SETTING

2-4(6). REAR 12V SEL

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

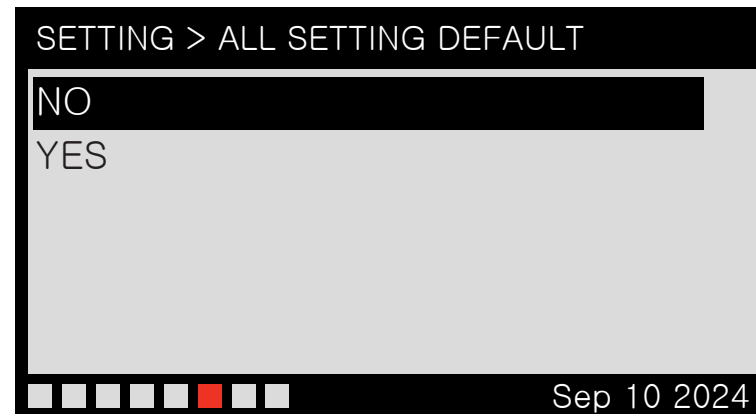
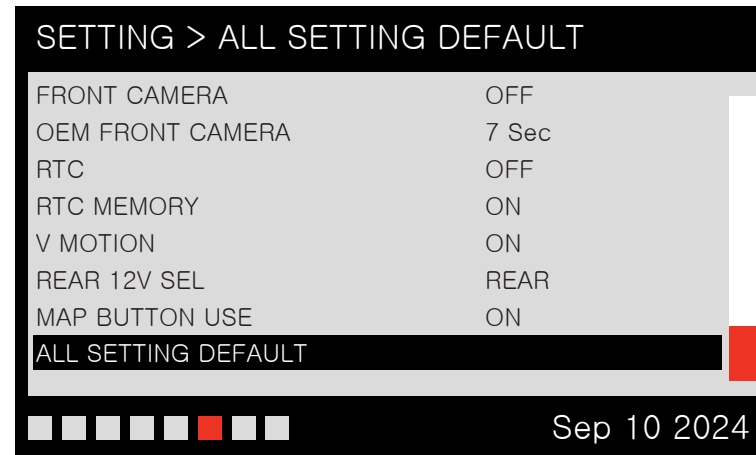
SELECT WHAT TO DISPLAY WHEN CONNECTING REAR 12V



2-4. SETTING

2-4(8). ALL SETTING DEFAULT

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.





2-6. SETTING

2-6(1). EXIT

FINISH THE OSD MENU OR NOT.

