



2023~ BMW EVO ID8.0, ID8.5 IU80FH MANUAL

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ID8.0, ID8.5 Caution – What and how to do if the BMW screen appears after installing the interface



ID8.0, ID8.5

When booting up for the first time, the BMW text or a black screen may appear on the monitor for about 9 seconds, and this may vary depending on the vehicle. BMW test is a natural phenomenon that occurs during the booting process and it is not a defect.

If the BMW text appears after installing the interface, check the IN/OUT direction of the LVDS CABLE, and if there is no problem, turn off the engine completely, lock the car doors, wait for 10 minutes, and then restart the car to solve the problem.





MAIN UNIT OF INTERFACE

BMW [IU80FH]			
Car Brand	Model	Year Range	System
2, 3, 4, 5, 7, X5, X6, X7, EV SERIES BMW EVO		2023~	EVO-ID8.0 EVO-ID8.5





COMPONENTS

1 MAIN UNIT	2 MAIN CABLE(ID85U)	3 LVDS IN CABLE	4 LVDS OUT CABLE
5 IR CABLE	6 REMOTE CONTROL		
7 HDMI AUDIO CABLE	8 AV GENDER BOARD	9 AV IN/OUT CABLE	10 AV GENDER CABLE
	L Sav Mr-s at		
* OPTION *	* OPTION *	* OPTION *	* OPTION *
11 PUSH SWITCH			
* OPTION *			



POWER CAN OUT (ID8.5)

DIP S/W





7 SERIES 14.5"

BMW ID8 4 SERIES 14.5" BMW ID8.5 5 SERIES 14.5"

5678

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

BMW IU80FH SPEC.

- 1. INPUT
 - 1 x Digital RGB Input(LVDS IN)
 - 1 x LVDS Input
 - 1 x LVDS output
 - 1 x CVBS(rear camera)
 - 1 x CVBS(front camera or A/V)
 - 1 × HDMI(THE MODEL WHICH COMPATIBLE WITH HDMI)
 - 3 x A/V Input(Option)
- 2. Output
 - 1 x CVBS
 - 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











ID8.5

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CONNECTION - ID8.0 14.5 INCH



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CONNECTION - ID8.5 14.5 INCH











■ INSTALLATION - POWER CAN(ID8.5)





METHOD OF MODE SWITCH







METHOD OF REAR MODE SWITCHING

(i)









HOW TO CONNECT VIDEO AUDIO WHEN YOU ONLY USE ONE AV INPUT





HOW TO CONNECT VIDEO AUDIO WHEN YOU USE MORE THAN 2 AV INPUTS







[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 button for 4times by R/C, on Navi, AV1, AV2, AV3, HDMI modes. numbers will display per press on screen. Finally, Please press 20 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.)





[INTERFACE R/C]





2. Detailed features of [Video OSD]

NAVI > SELECT	
SELECT	HD-G2
1 2 3 4 5 6 7	8 •
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	[NAVI SETTING]
	2 AVI 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.

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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

AV1 > SELECT	
SELECT	OFF
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AV1 > SELECT	
OFF	
ON	
HIT7700	
HIT7700 WGA8000	
HIT7700 WGA8000 TU-DTV60	
HIT7700 WGA8000 TU-DTV60 KH-FDTO	

AV2

AV2 > SELECT	
SELECT	OFF
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AV3

AV3 > SELECT	
SELECT	OFF
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AV3 > SELECT	
OFF	
ON	





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

PLEASE SELECT PROPER HDMI DEVICE.

HDMI > SELECT	
SELECT	OFF
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HDMI > SELECT	
OFF	
ON	
HIT7700	
WGA8000	
TU-DTV60	
KH-FDTO	
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2-4. SETTING

SETTING > FRONT CAMERA FRONT CAMERA OFF REAR MODE ON REVERSE WIRE REAR MODE OEM FRONT CAMERA 7 Sec RTC OFF ON RTC MEMORY RFAR REAR 12V SEL ALL SETTING DEFAULT



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[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.

SETTING > FRONT CAMERA		
FRONT CAMERA	OFF	
REAR MODE	ON	
REVERSE WIRE	REAR MODE	
OEM FRONT CAMERA	7 Sec	
RTC	OFF	
RTC MEMORY	ON	
REAR 12V SEL	REAR	
ALL SETTING DEFAULT		
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SETTING > FRONT CAN	MERA	
OFF		
5 Sec		
7 Sec		

Sec	
Sec	
1 Sec	
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2-4. SETTING

2-4(2). FRONT PDC

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

THESE ARE SETTING FUNCTIONS FOR PDC ON/OFF WHEN OUTPUT THE FRONT CAMERA.

SETTING > REAR MODE	
FRONT CAMERA	OFF
REAR MODE	ON
REVERSE WIRE	REAR MODE
OEM FRONT CAMERA	7 Sec
RTC	OFF
RTC MEMORY	ON
REAR 12V SEL	REAR
ALL SETTING DEFAULT	
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SETTING > REAR MODE	
ON	
OFF	
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2-4. SETTING 2-4(3). REVERSE WIRE

SETTING > REAR MODE	
FRONT CAMERA	OFF
REAR MODE	ON
REVERSE WIRE	REAR MODE
OEM FRONT CAMERA	7 Sec
RTC	OFF
RTC MEMORY	ON
REAR 12V SEL	REAR
ALL SETTING DEFAULT	
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SETTING > REAR MODE	
REAR MODE	
AV1	
REAR	
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2-4. SETTING 2-4(4). OEM FRONT CAMERA

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

SETTING > REAR MODE		
FRONT CAMERA	OFF	
REAR MODE	ON	
REVERSE WIRE	REAR MODE	
OEM FRONT CAMERA	7 Sec	
RTC	OFF	
RTC MEMORY	ON	
REAR 12V SEL	REAR	
ALL SETTING DEFAULT		
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SETTING > REAR MODE	
7 Sec	
5 Sec	
9 Sec	
11 Sec	
OFF	
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2-4. SETTING

2-4(5). RTC (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.

FRONT CAMERA	OFF
OFM FRONT CAMERA	7 Sec
RTC	OFF
RTC MEMORY	ON
REAR 12V SEL	REAR
ALL SETTING DEFAULT	
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SETTING > RCT	
ON	
OFF	

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2-4. SETTING

2-4(6). 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.

SETTING > RTC MEMORY		
FRONT CAMERA	OFF	
REAR MODE	ON	
REVERSE WIRE	REAR MODE	
OEM FRONT CAMERA	7 Sec	
RTC	OFF	
RTC MEMORY	ON	
REAR 12V SEL	REAR	
ALL SETTING DEFAULT		
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SETTING > RTC MEMORY	
ON	
OFF	
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2-4. SETTING 2-4(7). REAR 12V SEL THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES. SELECT WHAT TO DISPLAY WHEN CONNECTING REAR 12V

SETTING > REAR 12V SEL	
FRONT CAMERA	OFF
REAR MODE	ON
REVERSE WIRE	REAR MODE
OEM FRONT CAMERA	7 Sec
RTC	OFF
RTC MEMORY	ON
REAR 12V SEL	REAR
ALL SETTING DEFAULT	Sep 10 2024

SETTING > REAR 12V SEL	
REAR	
AV	
EXT IN ALL	
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2-4. SETTING

2-4(8). ALL SETTING DEFAULT THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

SETTING > ALL SETTING DEFAULT		
FRONT CAMERA	OFF	
REAR MODE	ON	
REVERSE WIRE	REAR MODE	
OEM FRONT CAMERA	7 Sec	
RTC	OFF	
RTC MEMORY	ON	
REAR 12V SEL	REAR	
ALL SETTING DEFAULT		
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SETTING > ALL SETTING DEFAU	JLT
NO	
YES	
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SETTING > RTC MEMORY	
NO	
YES	
	Sep 10 2024



2-5. INFOMATION 2-5(1). MODEL

INFOMATION > MODEL	
MODEL FW DATE IMAGE	IU80FH Sep 10 2024 TP6816
	Sep 10 2024

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2-5(2). FW DATE

INFOMATION > FW DATE	
MODEL	IU80FH
FW DATE	Sep 10 2024
IMAGE	TP6816
	Sep 10 2024

INFOMATION > FW DATE	
Sep 10 2024	
	Sep 10 2024

2-5(3). IMAGE

INFOMATION > IMAGE	
MODEL FW DATE IMAGE	IU80FH Sep 10 2024 TP6816
	Sep 10 2024

10.0004





2-6. SETTING 2-6(1). EXIT FINISH THE OSD MENU OR NOT.

 EXIT > YES

 NO

 YES

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EXIT > YES

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