INSTRUCTION
MANUAL

Video Interface

HYUNDAI-KIA 10b (GRANDEUR)

HYUNDAI KIA

GENESIS G80, G380, DH330 8" / AZERA(GRANDEUR) HD / IG

DATA. 2023.02.14

CODE. GRANDEUR

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CAR COMPATIBILITY SHEET



BRAND	MODEL	SCREEN	YEAR
HYUNDAI	AZERA/GRANDEUR HD	8"	2014 ~ 2016
	AZERA/GRANDEUR IG	8"	2016 ~ 2019
	GENESIS G80	8"	2014 ~ 2018
	GENESIS G380	8"	2014 ~ 2018
	GENESIS DH330	8"	2014 ~ 2018
KIA	STINGAR	7"	2014 ~ 2016
	CADENZA/K7	8"	2016 ~ 2019

COMPONENT



INTERFACE (BLACK)



POWER CABLE (8")

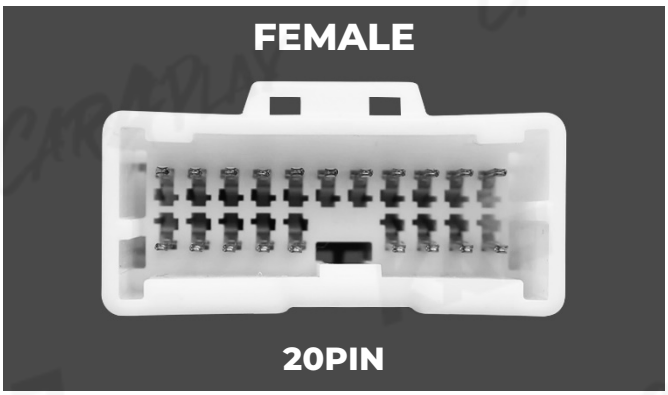


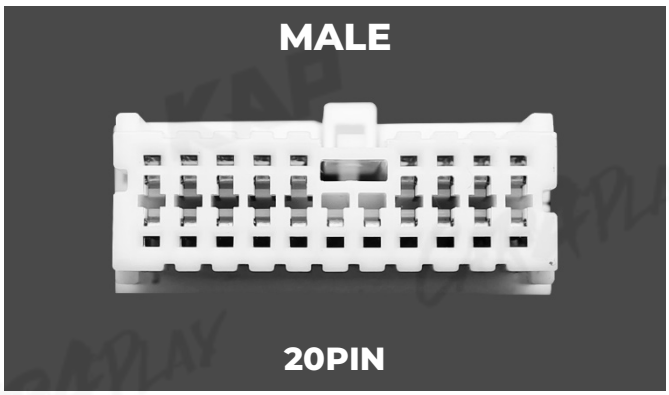
LVDS CABLE (BLACK)



MODE SWITCH

Power Cable Type





▶ Warning

- Please contact your dealer if any component is missing.

INTERFACE SPEC

1 INPUT

- 1 x DIGITAL RGB (HDMI PORT)
- 1 x CVBS VIDEO
- 1 x CVBS REAR CAM
- 1 x LVDS CAMMAND SYSTEM

2 OUTPUT

- 1 x LVDS OPERATION

3 TOUCH

- VIRTUAL ANALOG TOUCH (4PIN)
- UART DIGITAL TOUCH

4 POWER

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

5 SWITCH INPUT MODE

- Possible to select CAR model while switching mode by DIP S/W
- By button on the Commander in the car via CAN

EXTERNAL DEVICE SPECIFICATIONS





1 LCD OUT
- White Type

2 LCD IN
- White Type

3 DIP SWITCH

4 PROGRAM
- OSD connection

5 LED
- Interface error check



6 POWER/CAN

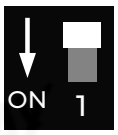
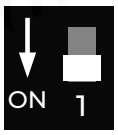
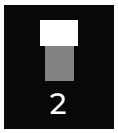
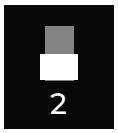
7 RESISTIVE TOUCH
- 4PIN Touch

8 DIGITAL RGB

9 FRONT

10 REAR

DIP SWITCH SETTING

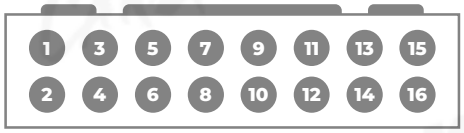
PIN	FUNCTION	INFORMATION	
		▲ OFF	▼ ON
1	NAVIGATION	 USE	 Do not use
2	FRONT CAM	 USE	 Do not use
3	REAR CAM	 External Camera	 OEM Camera
4	REAR DETECT	 CAN	 WIRE
5~7	NAVI Type	 **KPLAY2** (Black Board) KPLAY1 cannot be used	
8~10	CAR Type	 **HYUNDAI GENESIS** G80 / G380 / DH330 - 8" (2014 ~ 2018)  **KIA** CADENZA(K7) - 8" (2016~2019)  **KIA** STINGAR - 7" (2014 ~ 2016)  **HYUNDAI** AZERA/GRANDEUR-HG - (2014~2016)  **HYUNDAI** AZERA/GRANDEUR-IG - (2016~2019)	

CONNECTOR PIN ASSIGNMENT



No	PORT	INFORMATION

1 — POWER /CAN



No.	Color	Signal Assignment	No.	Color	Signal Assignment
1	Red	ACC	2	Red	REAR POWER (Max 200mA)
3	Brown	REAR DET	4		
5	Green	CAN LOW	6	Orange	CAN HIGH
7	White	CAN LOW	8	Purple	CAN HIGH
9	Blue	CAN LOW	10	Red	CAN HIGH
11			12	Red	ACC
13	Red	FRONT POWER (Max 200mA)	14	Green	MODE
15	Black	GND	16	Black	GND

2 — TOUCH



No.	Color	Signal Assignment
1	Red	Y-
2	Green	X-
3	Blue	Y+
4	White	X+

BUTTON CONTROL

AZERA(GRANDEUR) HG - Change Mode to Interface Screen



Hang up

BUTTON	PRESS	FUNCTION
Hang up	Long press	OEM screen to interface screen Interface screen to the OEM screen
	▶ Screen change sequence : OEM > NAVI > OEM	

BUTTON CONTROL

GENESIS G80 / G380 / DH330 - Change Mode to Interface Screen

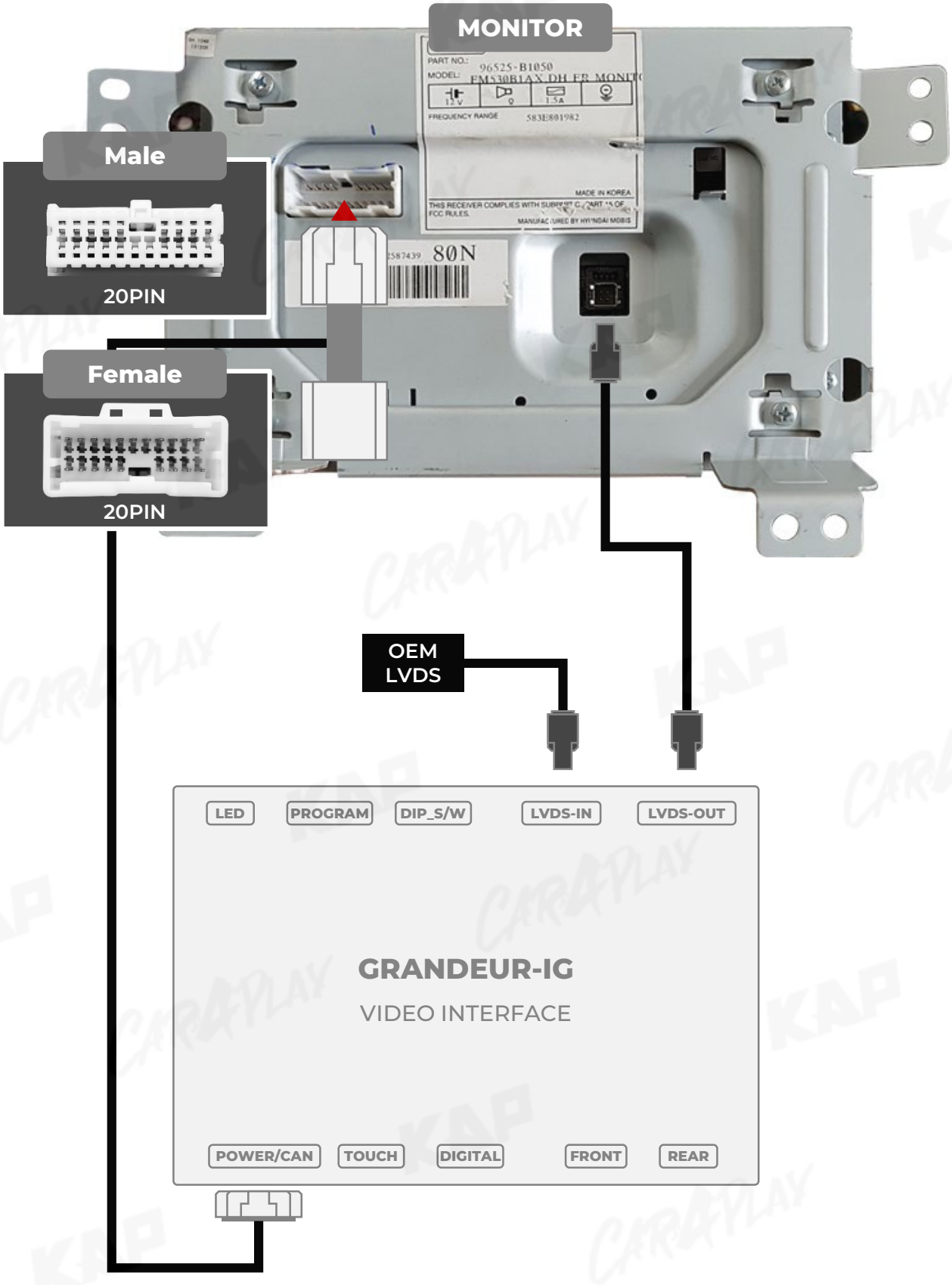


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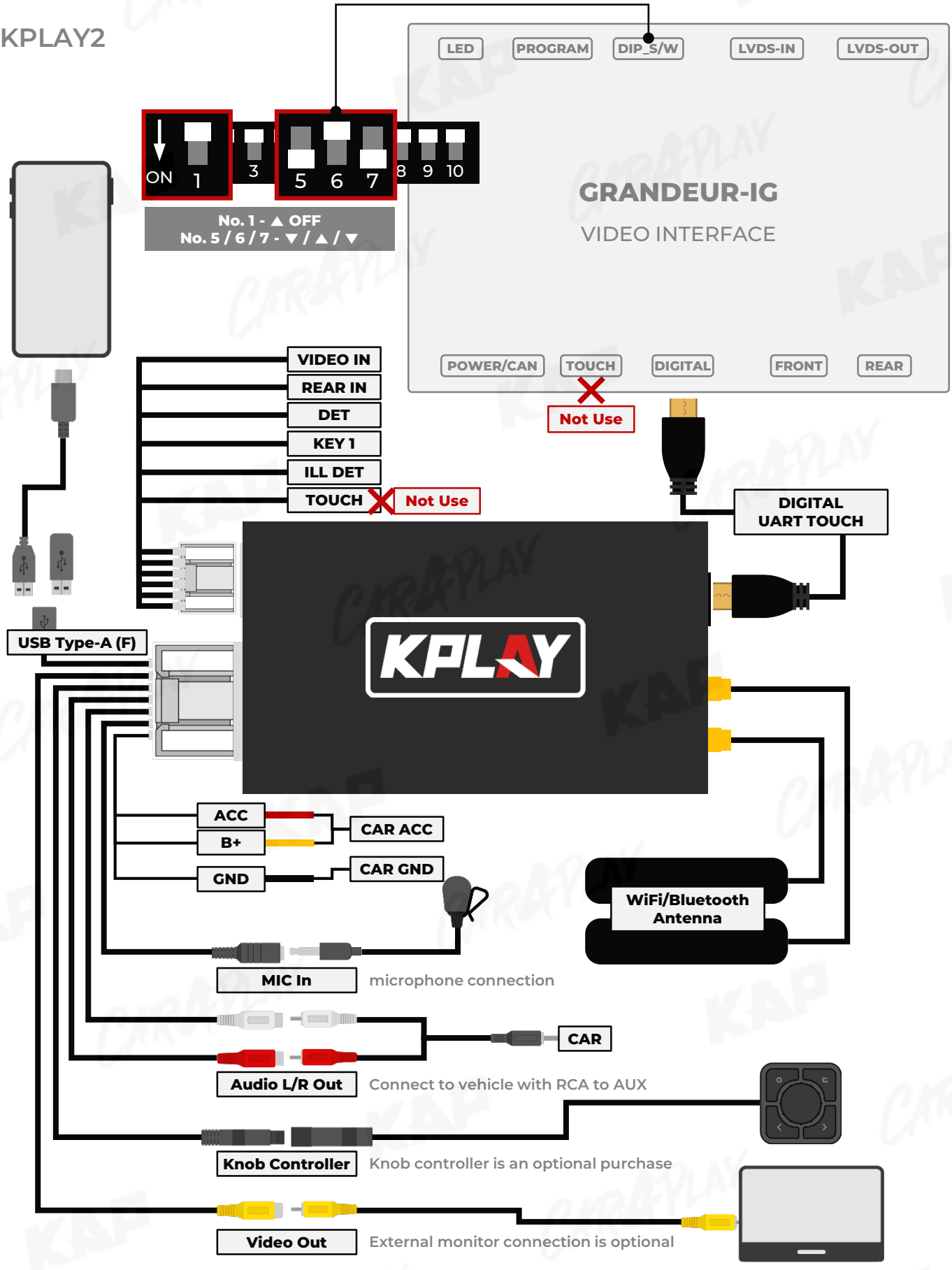
INSTALL MANUAL

INTERFACE



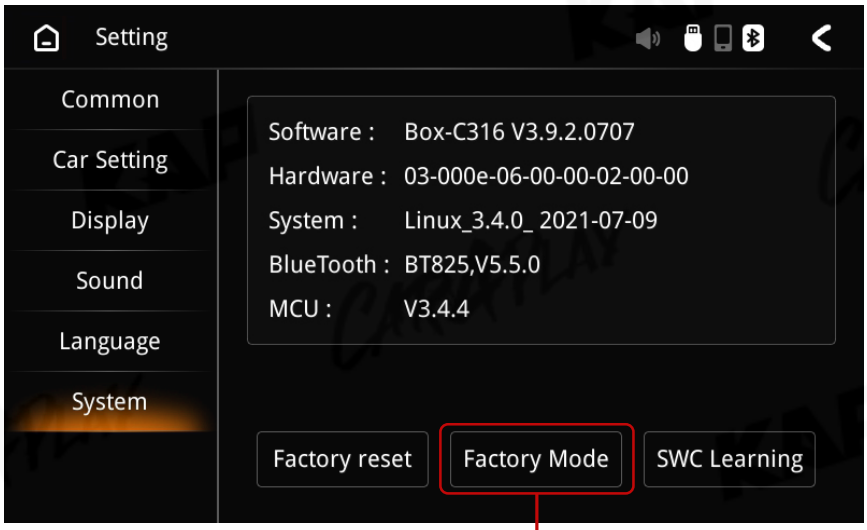
INSTALL MANUAL

KPLAY2

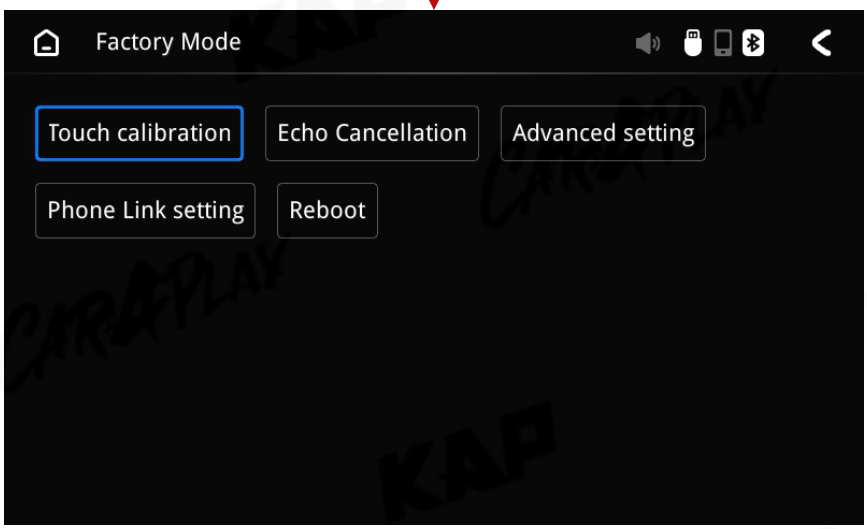


INSTALL MANUAL

KPLAY2 TOUCH



• **System**



• **System ▶ Factory Mode**

Touch calibration

KAP
KOREA AUTO PARTS

CAR4PLAY

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