

1 Car Compatibility

A, B, CLA, GLA, CLS, C

*** Applicable Navigation**
 INAVI (X1, X3, CUBEHD),
 CSS3, BF600G, JY-Z1,
 QROI

2 OEM BUTTON USAGE

1) JOG BUTTON (BACK BUTTON)
 - LONG PRESS : MODE SWITCH
 - SHORT PRESS : BACK TO OEM



2) HANDLE BUTTON (BACK BUTTON)
 - LONG PRESS : MODE SWITCH
 - SHORT PRESS : BACK TO OEM

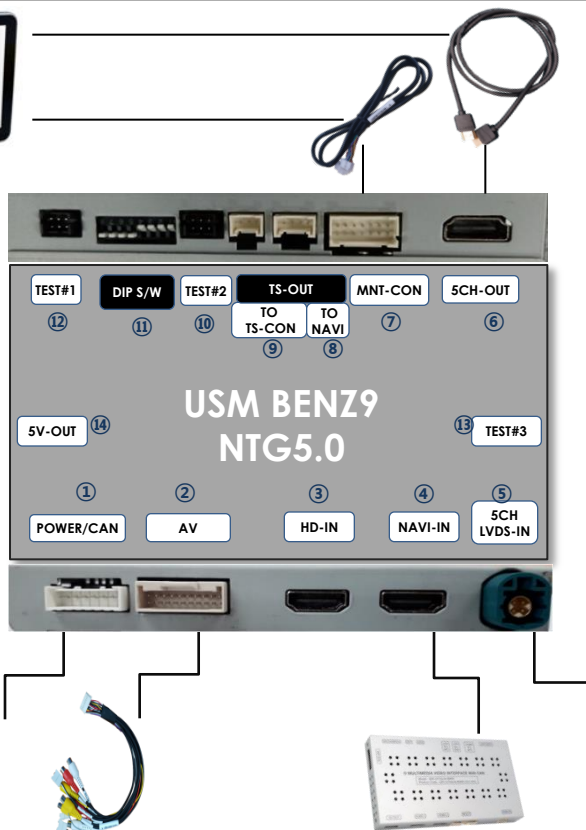


6 Installation Diagram : Use only the cable shown in the picture below.



I/F Product size

W 140mm
 H 85mm
 D 21mm



- ① POWER CAN IN/OUT ② Multi Cable ③ HDMI input ④ NAVI input ⑤ OEM LVDS
- ⑥ LVDS output ⑦ MNT-Interface Cable ⑧ Touch cable : CONNECT TO NAVI BOX TOUCH PORT
- ⑨ TS-Con : N/C ⑩ DIP S/W

⑤ Connect OEM LVDS cable that was connected to OEM monitor.

3 DIP S/W SETTING

DIP 1	OFF	NAVI(LVDS) MODE
	ON	NAVI(LVDS) MODE SKIP
DIP 2	OFF	HDMI MODE
	ON	HDMI MODE SKIP
DIP 3	OFF	AV MODE
	ON	AV MODE SKIP
DIP 4	OFF	EXT FCAM
	ON	OEM FCAM
DIP 5	OFF	800*480
	ON	400 *240
DIP 6		
DIP 7	OFF	OEM RCAM
	ON	EXT RCAM
DIP 8	OFF	B+ POWER CONNECTION
	ON	ACC POWER CONNECTION

※ The backlight control of the monitor is operated in conjunction with OEM signal.

If the monitor does not turn on in a specific vehicle, and when #8 DIP switch is set to ON, the monitor turns on when the power is turned on, and the monitor turns off when the power is turned off.

※ FCAM setting could be found in Factory Setting. (Default is 3 seconds. If you don't use, please set OFF)

4 Remote Control setting

Key	Function
POWER/PIP	N/C
MENU	Activate OSD MENU
OK	selection, mode switch
▲	Moving upward
▼	Moving downward
◀	Moving leftward (If press 2 seconds, could access the factory mode)
▶	Moving rightward (If press 2 seconds, could reset all the data about user environment)

5 FAQ

Q. What if the screen does not switch?

A. Make sure the first LED on the interface turned on.

Q. What if the OEM screen does not appear on the monitor?

A. Make sure that the cables on the back of the monitor are well connected, and if the problem persists, contact the manufacturer for this problem.

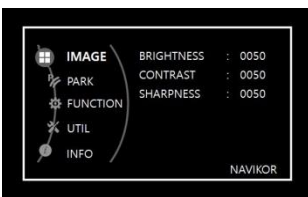
7 Components

IMAGE	Product Name	Product Code	IMAGE	Product Name	Product Code
	TEST : USM-BENZ9-MAIN5.0-V1.2	QCPASS1290		OEM W222 POWER CABLE(M) V2	HPOWER0177
	W222 CAN JACK BY JACK	HARETC0091		QHI PGCTR AV CABLE(M)	HAVCAB0060
	QNAVI4 RGB TOUCH CABLE	HTOUCH0022		USM BENZ9 MNT CABLE	HARETC0291
	USM-BENZ9-MNT-V1.2	QCPASS1292		HDMI CABLE_SAMZHE_1M	HARETC0257
	REMOTE CONTROL : INTERFACE	REMOTE0001			

8 OSD & FACTORY MENU

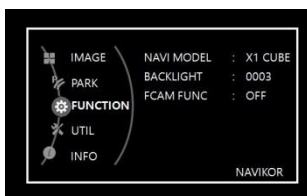
※ Press ◀ (in remote control) 2 seconds, could access the factory mode

IMAGE



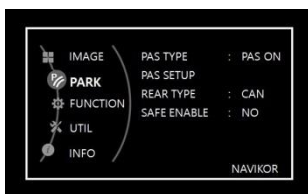
BRIGHTNESS : Adjust screen brightness
CONTRAST : Adjust screen contrast
SHARPNESS : Adjust screen sharpness

FUNCTION



NAVI MODEL : Navigation model setting
BACK LIGHT : LCD brightness setting when the rear lamp is "ON"
FCAM FUNC : FCAM usage and time setting

PARK



PAS TYPE: Select parking line type.

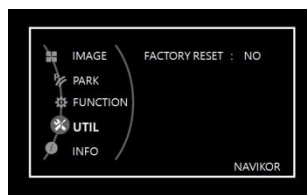
NOT USED: Do not use parking line
 PAS ON: Use Flexible Parking Lines
 PAS OFF: Use fixed parking line

PAS SETUP: You can move the position of parking line.
 - H-POSITION: Moves the OSD screen left and right.
 - V-POSITION: Moves the OSD screen up and down.

REAR TYPE : Choose rear camera recognition.
 CAN : By connecting to "CAN" cable of the car gear, changing to rear camera mode when shifting into reverse. (Connect "CAN" cable of the power cable to the "CAN" cable of the car gear)
 LAMP : By connecting to the rear lamp of the car, switch to rear camera mode when shifting into rear. (Connect "Rear-C" cable of the power cable to the rear lamp of the car)

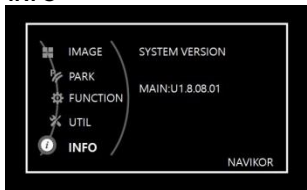
SAFE ENABLE : If it is enable, HDMI, RGB, and A/V mode doesn't show up while driving. (Default : NO)

UTIL



FACTORY RESET :
 - YES: Reset OSD settings

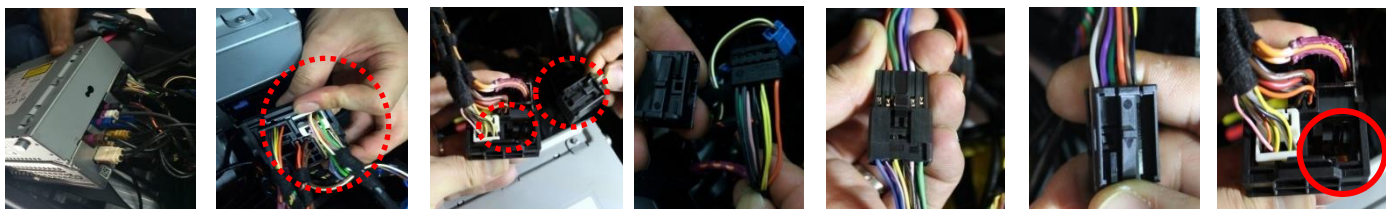
INFO



INFO : System version information

9 CAN & Power Connection

※ You can find the following cables in the rear side of OEM monitor.

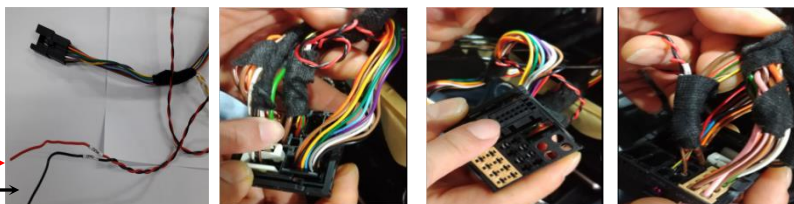


- ① CD changer (head unit)
- ② Find the connector behind the command.
- ③ Pull out the marked black connector mold.
- ④ Pull out the cable from the black connector mold.
- ⑤ Connect pulled out cable with provided Female CAN cable connector.
- ⑥ Cover up provided male CAN cable connector with OEM black connector mold.
- ⑦ Insert provided male CAN cable with OEM connector mold into marked place.

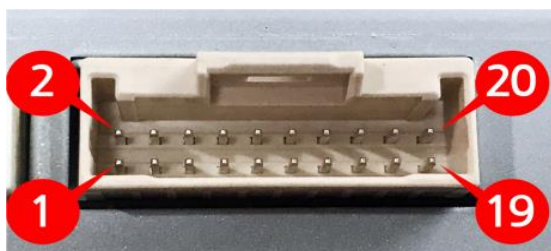


Ground: Connect the supplied black cable to OEM brown cable.

B+ Power : Connect the supplied red cable to OEM orange + blue cable.



10 USM BENZ9 AV-IN Cable Diagram



NO	DESCRIPTION	NO	COLOR	NO	DESCRIPTION	NO	COLOR
1	R-CAM	1	RCA YELLOW	11	AL,R-IN2 GND	11	
2	F-CAM	2	RCA YELLOW	12	R-CAM-I2V	12	SMH200-05PL
3	R,F-CAM GND	3		13	R,F-CAM GND	13	
4	V-IN	4	RCA YELLOW	14	F-CAM-I2V	14	SMH200-05PL
5	V-IN GND	5		15	V1-IR	15	YELLOW
6	AL-IN	6	RCA WHITE	16	I2V-SEL	16	RED
7	AR-IN	7	RCA RED	17	MODE	17	SMH200-02PL
8	AL,R-IN GND	8		18	MODE GND	18	
9	AL-OUT	9	RCA WHITE	19	REAR-IN	19	GRAY
10	AR-OUT	10	RCA RED	20	SAFE-IN	20	VIOLET