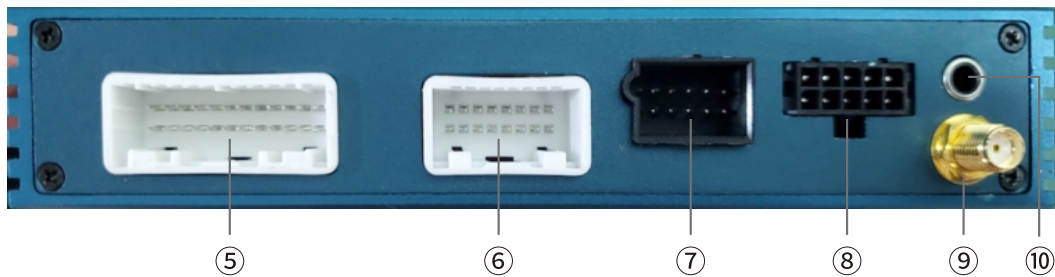


① DEVICE LAYOUT

BMW CCC/M-ASK



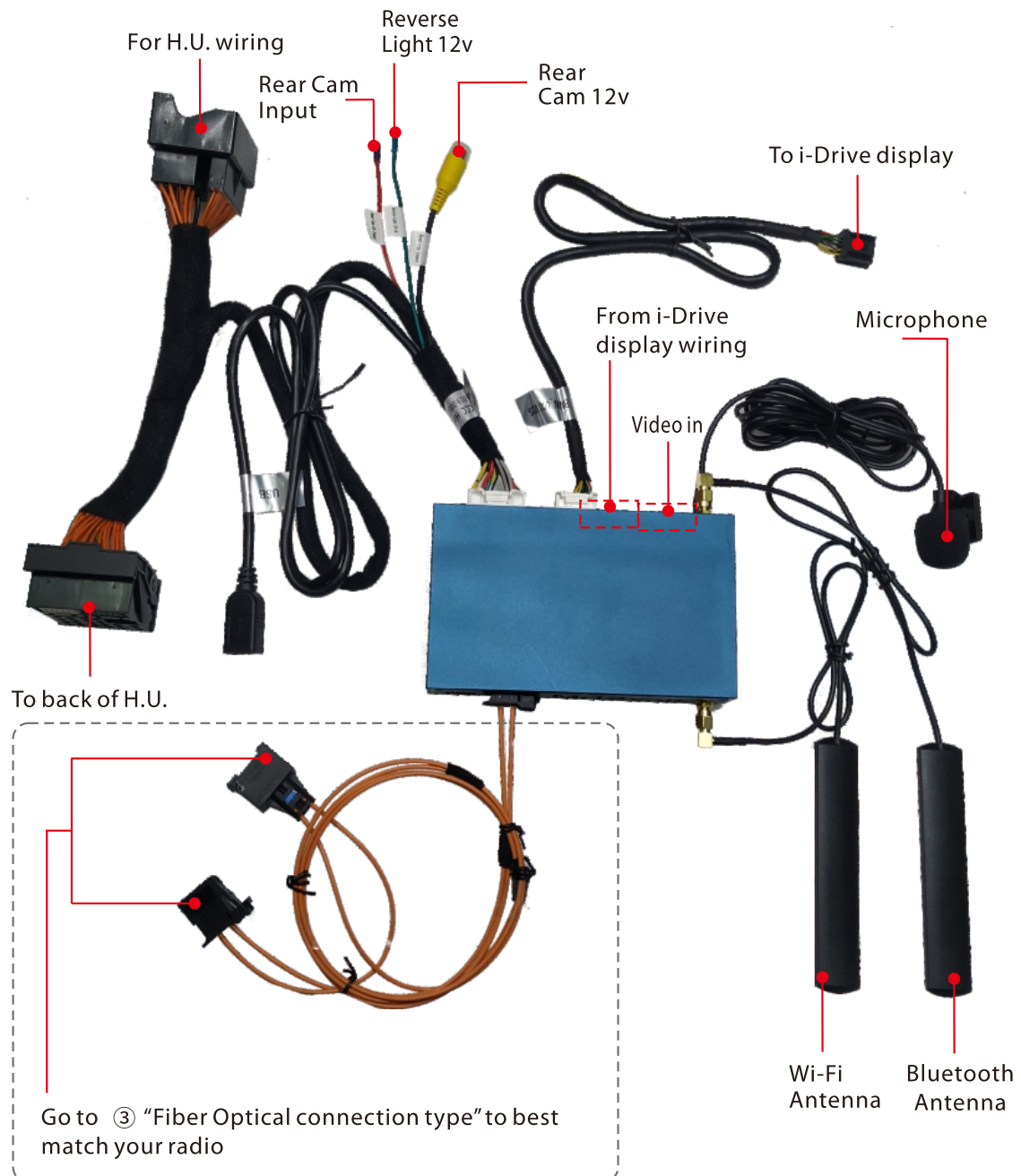
- ① Dip switches- Adjust according to screen size and Car model type
- ② Fiber optical (M.O.S.T.), uses M.O.S.T. system as audio source
- ③ Micro SD slot – For software update only
- ④ Wi Fi Antenna



- ⑤ Power connector
- ⑥ LVDS Out
- ⑦ LVDS In
- ⑧ Video In/360 Bird View
- ⑨ Bluetooth Antenna
- ⑩ Microphone

② INSTALLATION DIAGRAM

BMW M-Ask/CCC



③ FIBER OPTICAL CONNECTION TYPE

Note : External CD changer will be disabled after installing Mr12volt P-2000 as it uses its fiber optical connection as a audio source, giving it perfect sound quality



Below show 3 variable connections on fiber optical cable , check on the type that suits your radio

	CD Changer Location	Where to connect?	What you need to do with Y-Optical cable	How to modify ? (Scan QR code for video guide)
1	For CD Changer located in passenger glove box	Remove CD changer connector in glove box and connect to P-2000. You may need to modify to M/F cable for extension use	<p>Modify to M/F cable for extension use</p> <p>TO P-2000 From Original Cd Changer</p>	
2	For CD Changer located in trunk lid	1. Remove Head Unit and connect to the back of H.U. with the Y-optical cable. 2. Disable the CD changer in trunk lid by applying Loop connector	<p>No modification needed</p> <p>TO P-2000 TO Back of H.U. Originally pull off from back of H.U.</p>	
3	No CD Changer fitted/ No External device within the optical ring	Remove Head unit and connect to the back of H.U. with modified M/M cable	<p>Modify to M/M cable</p> <p>TO P-2000 TO Back of H.U.</p>	

Additional tips :

It is necessary to swap the outer casing of BMW F.O. connector with the package supplied connector to make an identical fit

Outer Casing can be removed easily



HOW TO SWITCH TO P-2000 MENU

Audi MMI 2G - Select "MR12VOLT" in CD Changer menu to switch



Audi MMI 3G – Select "MR12VOLT" in Media menu to switch



For BMW – Select "CD1" in CD changer menu to switch



- For Audi - Press "Media" button to exit or re-enter P-2000 mode
- For BMW – Press menu button on i-Drive knob to exit or re-enter P-2000 mode

MR12VOLT

**QUICK START GUIDE
MODEL NO: P-2000**

MR12VOLT

OPERATION MENU OVERVIEW



(1) Music – Play MP3 music through USB

(2) CarPlay – It is available in Wired and Wireless

- Wireless : Requires both Bluetooth and Wi Fi connection

- Wired : Requires a genuine cable for stable connection

(3) Android Auto – It is available in wired and wireless

- Wireless : Requires both Bluetooth and Wi Fi connection

- Wired : Requires a genuine Apple cable for stable connection

- CarPlay & Android Auto Wired or Wireless connection can be selected in setting

-Go to Setting→System→Factory Mode→Phone Link setting→Select the desired settings and Apply→Return to factory mode and choose Reboot to refresh new settings.

(4) Mirroring



* Download “MLink” mobile application from www.mr12volt.com

How to use mirroring : Connect Bluetooth → Go to Mirroring and choose phone type → Turn on phone hotspot , set network name & password as shown on mirroring screen display → Switch Band to 5G → Go to MLink app and start mirroring function Bluetooth connection must be connected at all time when using mirroring



Set network name & password as Shown

(5) Bluetooth – Music Streaming & Hands free (Turn on Bluetooth on phone and pair “Mr12volt_XXXX”)

Note : It does not support the split Bluetooth function of original car Hands free after P-2000 Bluetooth is connected

(6) Video - Play video through USB

(7) Video in – For external device such as Game console, Video player

(8) Setting – General setting of P-2000