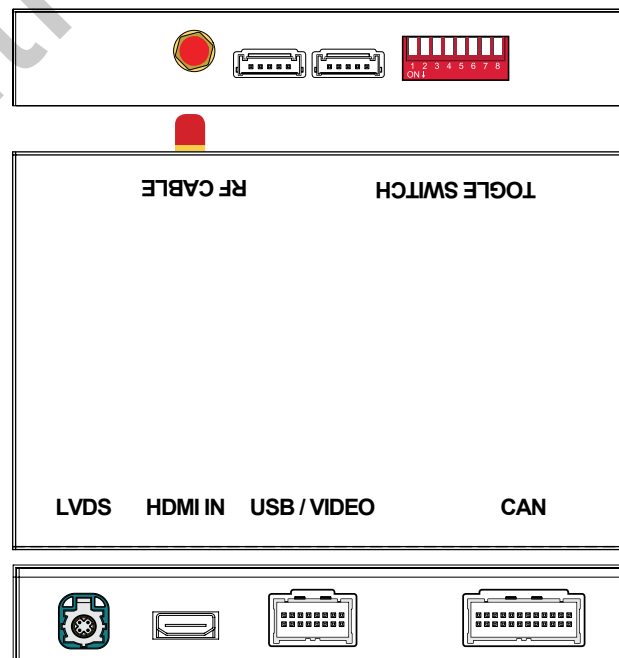


Main Specifications

Input Voltage	12~16V DC
Rated Current	2A
Rated Power	24W
Material	Housing aluminum
Connection	Wireless , USB
Control	Original car knob control, voice control
Working Temperature	-20 ~ 80 degree



Components



**Main Harness
SCB01-AU-B9**



LVDS Cable



AV,USB Cable



ANTENNA

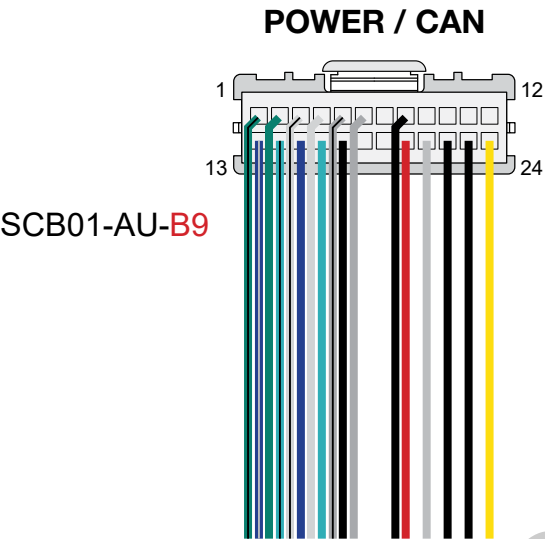
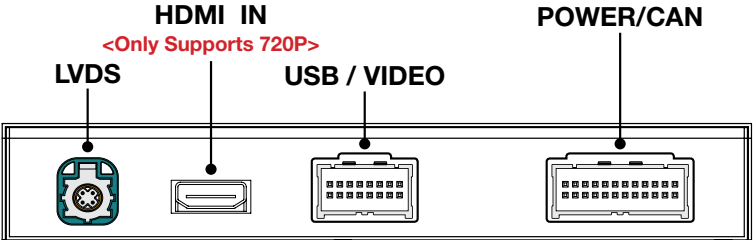
Important !!

Option Parts (It must be checked Main harness type)

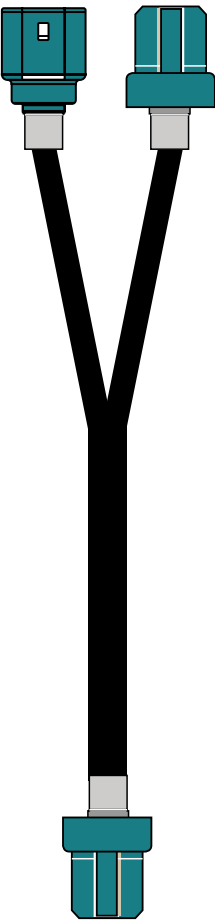


External MIC

Body Connector specifications



LVDS Cable



Power / Can Cable			
1	CAN_3_LOW	13	MIC_OUT_N → (Car)
2	CAN_3_HIGH	14	MIC_IN_N
3	CAN_2_LOW	15	MIC_OUT_P → (Car)
4	CAN_2_HIGH	16	MIC_IN_P
5	CAN_1_LOW	17	Audio_GND
6	CAN_1_HIGH	18	AUX_IN_R
7		19	AUX_IN_L
8	GND	20	AUX_OUT_L → (Car)
9	MMI_OUT_TX → (Car)	21	AUX_OUT_R → (Car)
10	MMI_IN_RX	22	Audio_GND
11	MMI_OUT_RX → (Car)	23	GROUND
12	MMI_IN_TX	24	BATTERY POWER INPUT

AV CABLE			
1	CVBS_GROUND	9	
2	REVERSE_CAM_VIDEO_INPUT	10	FRONT_CAM_VIDEO_INPUT
3		11	
4	GROUND_SHIELD	12	REVERSE_12V_INPUT
5	USB_GND	13	REAR_12V_POWER_OUT
6	DATA +	14	
7	DATA -	15	GROUND
8	5V POWER	16	12V(ACC)_OUT

Car Compatibility Chart

Car Models	Production Year	Specific Models	Head Unit Ver.
A3 (8V)	2014 ~ Present	5.8 inch	- MSTD - MIB1,MIB2
		7 inch	
A4 (B8)	2016 ~ Present	7 inch	- MIB2
A5 (B9)	2016 ~ Present	7 inch	- MIB2
Q5 (80A)	2016 ~ Present	7 inch	- MIB2
Q7 (4M)	2016 ~ Present	7 inch	- MIB2



AUDI A3 (8V)



AUDI A3 (8V)

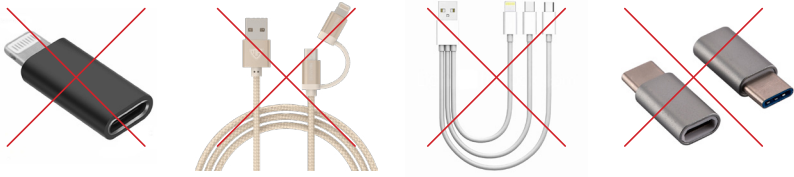


AUDI A4 (B9)




AUDI Q7 (4M)

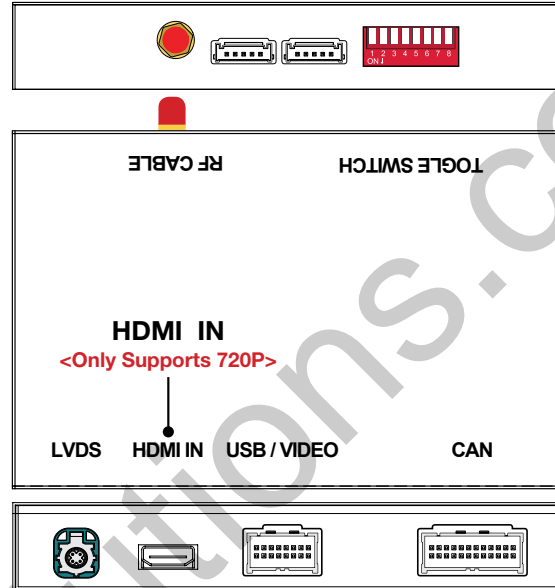
Full Installation Diagram



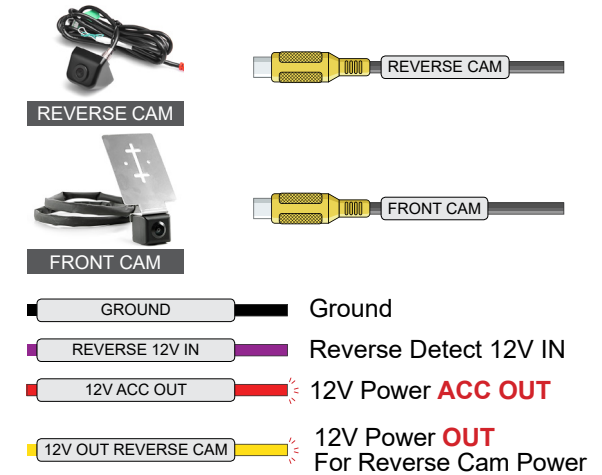
We recommend using for each phone manufacturer genuine cable
Please. Never using "Adapter Type and Multi cable"

 Apple Car Play
Apple i-phone

 Android Auto
Google Android

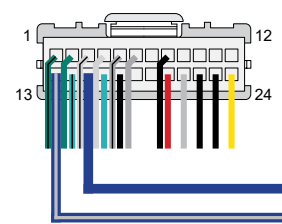


AV Cable

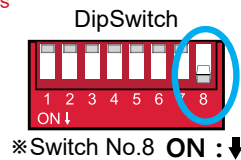


How to Connect External MIC

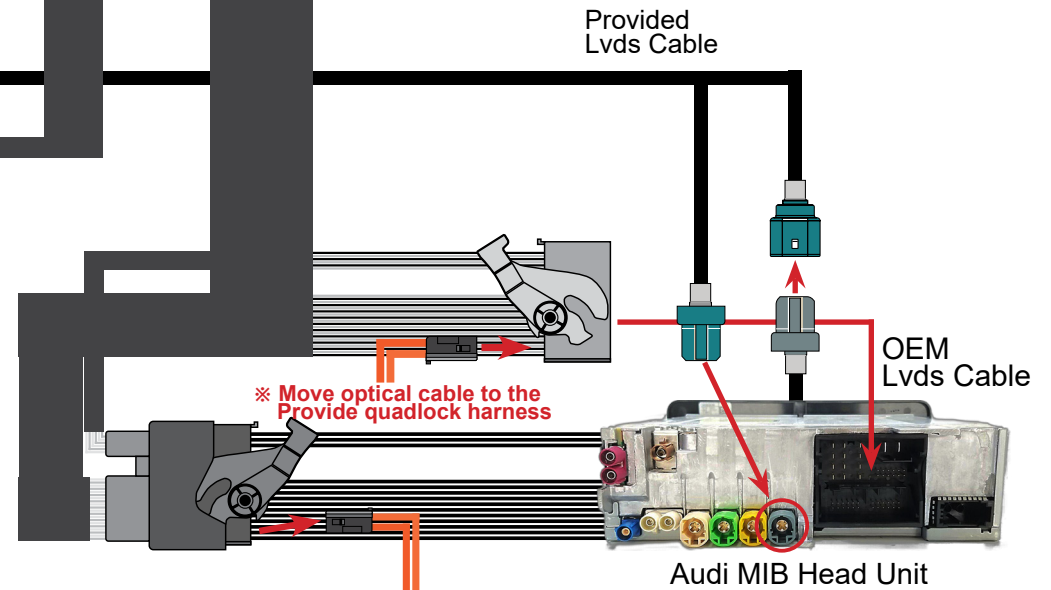
SCB-AU Main Harness



External MIC *Option Parts
It need to special spec MIC



If the Car has **not** Bluetooth or MIC
It need to connect External MIC



DIP Switch Settings

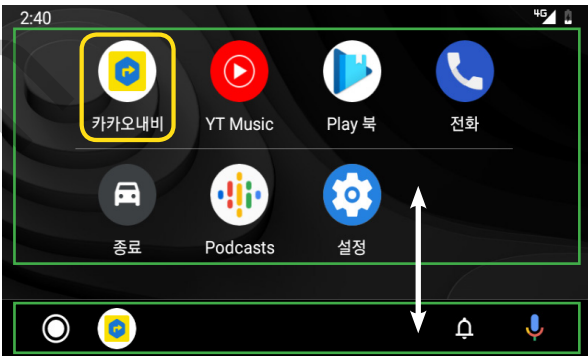
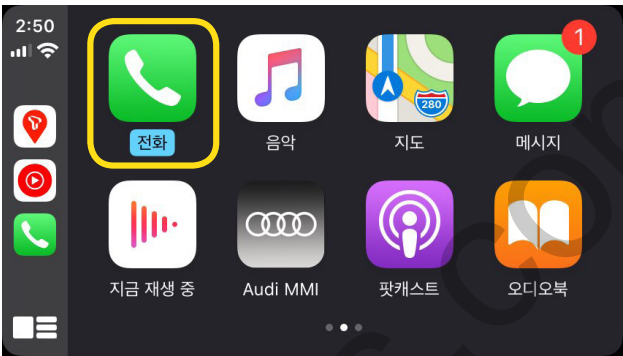


PIN	ON (▼)	OFF(▲)
1	Selection of car mode	
2		
3		
4		
5		
6		
7	Without Park Button	With Park Button
8	Without Bluetooth	With Bluetooth



Audi MIB System								Screen Size	Note.
No.1	No.2	No.3	No.4	No.5	No.6	Year	Car Model		
ON (▼)	ON (▼)	OFF(▲)	OFF(▲)	ON (▼)	ON (▼)	2014 ~ 2016	A3 (8V)	5.8	MSTD
ON (▼)	ON (▼)	ON (▼)	OFF(▲)	OFF(▲)	ON (▼)	2014 ~ 2016	A3 (8V)	7 inch	MIB1
ON (▼)	ON (▼)	OFF(▲)	ON (▼)	ON (▼)	OFF(▲)	2017 ~ present	A3 (8V)	5.8	MIB2
ON (▼)	ON (▼)	ON (▼)	OFF(▲)	OFF(▲)	OFF(▲)	2017 ~ present	A3 (8V)	7 inch	MIB2
ON (▼)	ON (▼)	OFF(▲)	ON (▼)	OFF(▲)	OFF(▲)	2016 ~ present	A4 (B9)	7 inch	MIB2
ON (▼)	ON (▼)	ON (▼)	OFF(▲)	ON (▼)	ON (▼)	2016 ~ present	Q5 (80A)	7 inch	MIB2
						2016 ~ present	Q7 (4M)	7 inch	MIB2
ON (▼)	ON (▼)	ON (▼)	OFF(▲)	ON (▼)	OFF(▲)	TEST Mode			

Activation by original buttons



Button	Function	Operation	Remarks
1 NAV	Changing Modes	Press the button 3 seconds	Order : OEM → Car Play
		Press the button short time	Return to the OEM mode in any modes.
2 Dial	Move the pointer	Turn the dial	Apple Car Play Function
			Google Android Auto
3 Back	Go back	Press the button	Apple Car Play Function
			Google Android Auto
4 Voice	"Siri" "Google Assistant"	Press the button 3 seconds	Apple Car Play Function
			Google Android Auto



User Interface

Airplay (Apple i-phone mirroring) <WIFI>



It is connected by wifi signal

- Turn on the wifi on the i-phone
- Select Carplayxxxxxx (The wifi name might be different) and connect
- Select "Air play" in the "i-Phone Control Center"
- The smart phone screen will be copy on the car screen

WireAuto (Android Auto) <Cable>



Apple Carplay Wireless,Cable



WirelessDev Setting (Bluetooth)



Wireless Carplay Settings (Bluetooth)

※ Only (Apple i-Phone)

USB Player (Media,Music)

HDMI IN PUT



Android Mirroring <Cable>



Setup <Please Check Next Page>



Front Camera



When it installed front view camera
The user can check front view camera image with it

Settings <System>



Language

English Italian Spanish Turkish Chinese

Display

Brightness Contrast Chromaticity Saturation

Audio

Volume 0 18

EQ

You can adjust sound the frequencies to make it

Loudness ON OFF

Mic Echo PreConfig Default Q5L A6

Microphone Volume 0 24

Microphone OP 0 6

Microphone PGA 0 30

Microphone Delay 0 30

AEC quality 0 2

Wifi Channel(reboot required)

It function is stable wireless Carplay
You can improve wireless connection
by change wifi channel.

6 2.4Ghz Basic wifi channel

36 5 Ghz It's a global channel in the United States.

149 5 Ghz It's a chinese channel.

Reverse

Reverse Camera Original Aftermarket
Original = OEM Rear view Camera
Aftermarket = External Rear view Camera

Reverse Line Detect ON OFF

Reverse Display Track ON OFF

Reverse Display Radar ON OFF

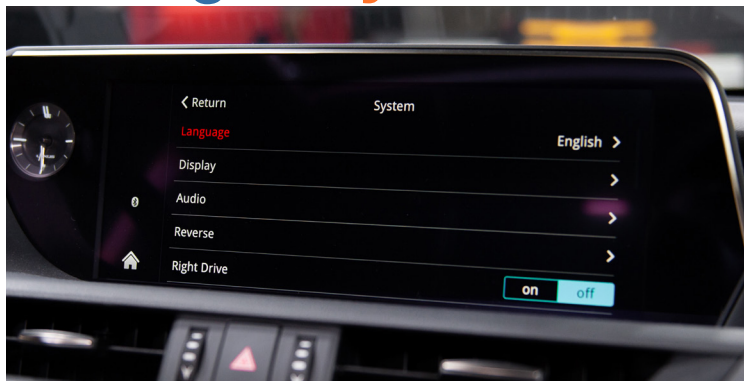
Front View Time 0 10

When you shift gear 'from R to D' or 'from P to D',
it just works automatically during the activation
time you selected

Reverse Full Screen ON OFF

car-solutions.com

Settings <System>



Right Drive

ON OFF

ON = Left Steering Wheel
OFF = Right Steering Wheel

Camera Mirror

ON OFF

Switch L/R Key to D/U Key

ON OFF



Wheel key swap

No swap

Swap

Invalid

Carplay Left Scrap

0 10

Carplay Left Scrap

0 10

Software Update

System Update

MCU Update

Logo Image Update

Carplay icon Update

Download Update File

<http://indiwork.co.kr/manual-carplayandroid-auto/>

support@car-solutions.com

- Copy the update file "ISPBOOOT.BIN" to the root directory of USB storage.
- Plug in the USB storage on the carplay box USB port
- Select the "System update" or Press the BACK button 5sec "It will be restart and start update automatically"

Please. Never power off the box on updating

- Copy the update file "Upgrade.bin" to the root directory of USB storage.
- Plug in the USB storage on the carplay box USB port
- Select the "MCU update"

Please. Never power off the box on updating

Logo Image file format

File Name : "no logo.bmp" Size : 800 x 480

- Copy the update file "no logo.bmp" to the root directory of USB storage.
- Plug in the USB storage on the carplay box USB port

Carplay icon Image file format

File Name : "no cp_back.png" Size : 250 x 250

- Copy the update file "no logo.bmp" to the root directory of USB storage.
- Plug in the USB storage on the carplay box USB port

car-solutions.com