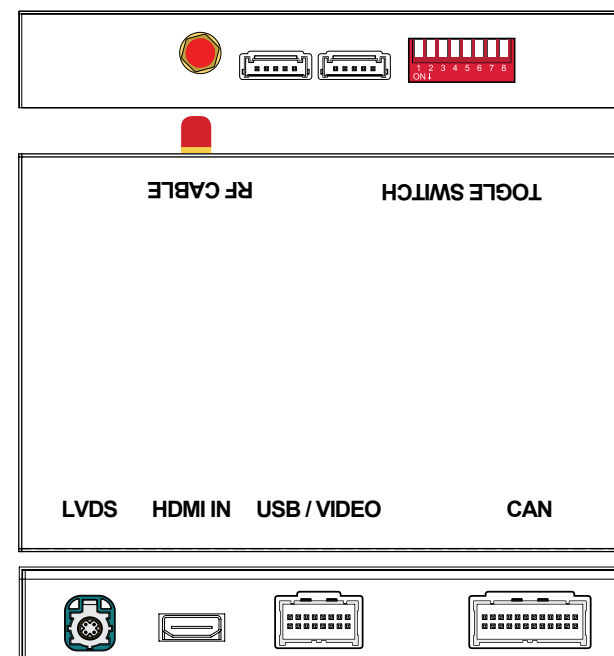


Main Specifications

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



LVDS Cable



AV,USB Cable



ANTENNA

Important !!

Option Parts (It must be checked Main harness type)



Main Harness
SCB01-AU-A6



Main Harness
SCB01-AU-A7C



Main Harness
SCB01-AU-A8

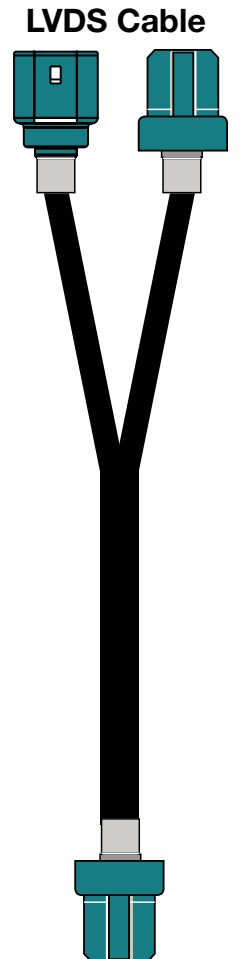
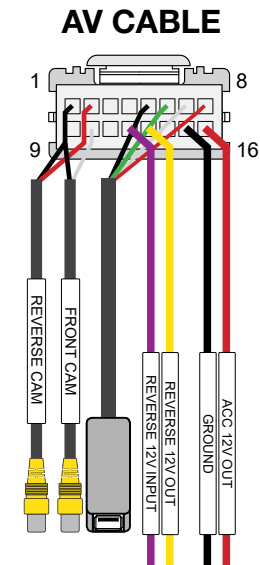
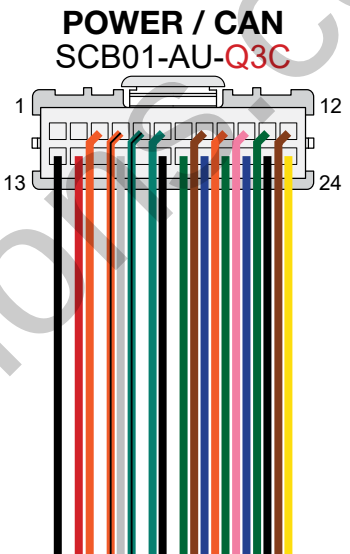
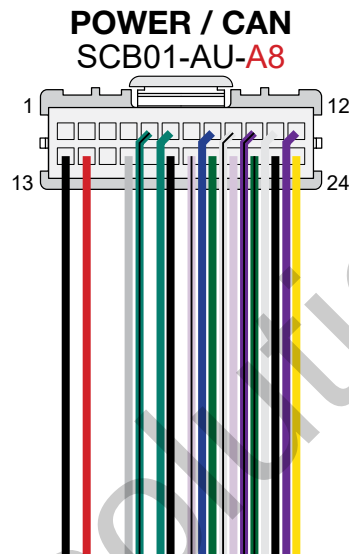
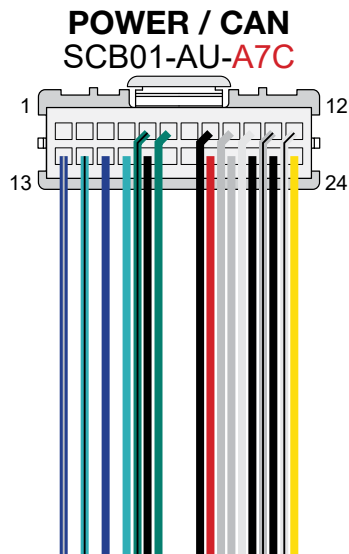
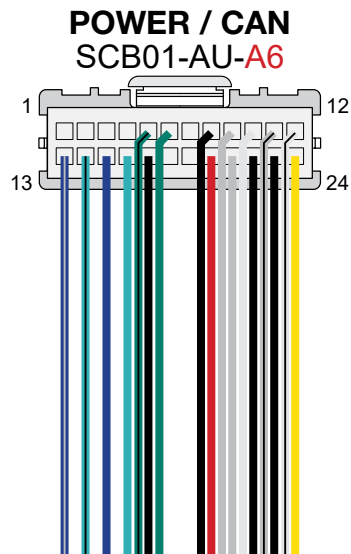
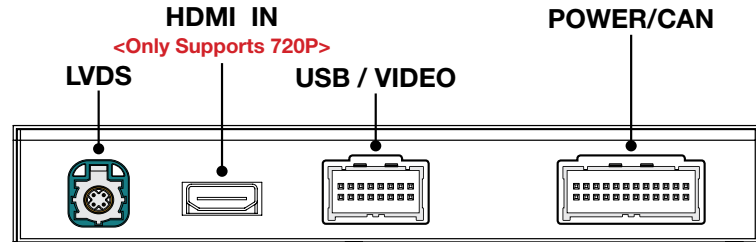


Main Harness
SCB01-AU-Q3S

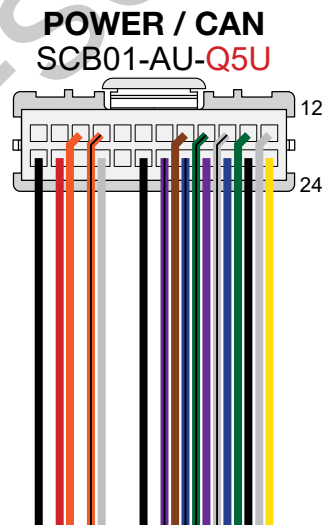


Main Harness
SCB01-AU-Q5U

Body Connector specifications



Power / Can Cable			
1	CAN_3_LOW	13	AUX_OUT_GND → (Car)
2	CAN_3_HIGH	14	AUX_OUT_R → (Car)
3	CAN_2_LOW	15	AUX_IN_R
4	CAN_2_HIGH	16	AUX_OUT_L → (Car)
5	CAN_1_LOW	17	AUX_IN_L
6	CAN_1_HIGH	18	AUX_IN_GND
7	AUX_IR	19	MIC_IN_N
8	GND	20	MIC_OUT_N → (Car)
9	MMI_OUT_TX → (Car)	21	MIC_IN_P
10	MMI_IN_RX	22	MIC_OUT_P → (Car)
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.
Q3 (8U)	2014 ~ Present	6.5 inch	- RMC "Non MMI" (Without OEM Navigation)
Q5 (8R)	2010 ~ 2017	7 inch	- 3G MMI - 3G MMI +
Q7 (4L)	2010 ~ 2015	7 inch	- 3G MMI
A4 (B8) A4 (B9)	2010 ~ 2015	7 inch	- 3G MMI - 3G MMI +
A5 (8T)	2010 ~ 2015	7 inch	- 3G MMI +
A6 (C7) A6 (C8)	2010 ~ 2015	7 inch	- 3G MMI + - 4G MMI
A7 (4G)		8 inch	
A8 (D4)	2010 ~ 2017	8 inch	- 3G MMI +



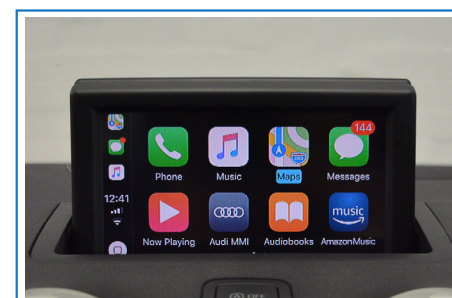
AUDI A4 (B8) AUDI A5 (8T)



AUDI A6 (C7,C8) AUDI A7 (4G)



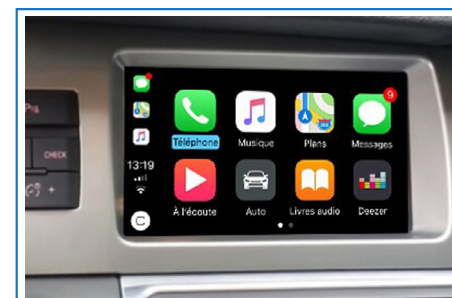
AUDI A8 (D4)



AUDI Q3 (8U)

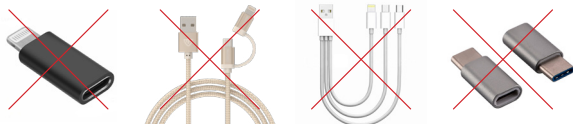


AUDI Q5 (8R)

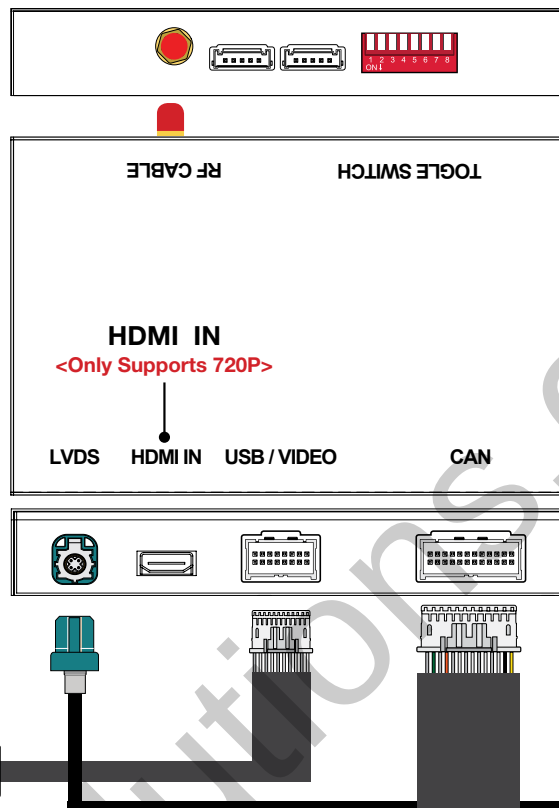
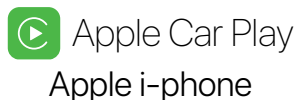


AUDI Q7 (4L)

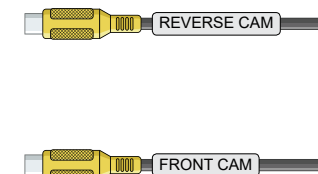
Full Installation Diagram



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



AV Cable

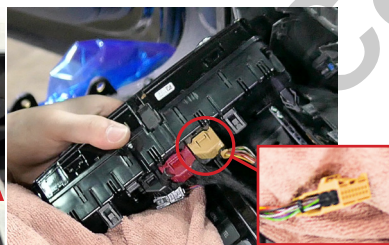


	Ground
	Reverse Detect 12V IN
	12V Power ACC OUT
	12V Power OUT For Reverse Cam Power

Audi A6,A7 Connector of Climate controller



Audi A8 Connector of Climate controller



Audi Q3 Connector of Climate controller



Audi A4,A5 Q5 Connector of Climate controller



support@car-solutions.com

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 3G MMI System						Year	Car Model	Screen Size	Note.
ON (▼)	ON (▼)	OFF(▲)	ON (▼)	ON (▼)	OFF(▲)	2014 ~ present	Q3 (8U)	6.5 inch	RMC "NON MMI" (Without OEM Navigation)
OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	2013 ~ 2017	Q5 (8R)	7 inch	3G MMI+
						2012 ~ 2015	A4 (B8), A5(8T)	7 inch	3G MMI+
						2012 ~ 2015	A6 (C7), A7 (4G)	8 inch	3G MMI+
OFF(▲)	OFF(▲)	OFF(▲)	ON (▼)	ON (▼)	ON (▼)	2010 ~ 2012	Q5 (8R)	7 inch	3G MMI
						2010 ~ 2011	A4 (B8), A5(8T)	7 inch	3G MMI
OFF(▲)	OFF(▲)	ON (▼)	ON (▼)	OFF(▲)	ON (▼)	2010 ~ 2011	A6 (C7)	7 inch	3G MMI
OFF(▲)	OFF(▲)	ON (▼)	ON (▼)	ON (▼)	ON (▼)	2016 ~ 2018	*facelift A6(C8), A7(4G)	8 inch	4G MMI
OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	ON (▼)	OFF(▲)	2010 ~ 2015	Q7 (4L)	7 inch	3G MMI
OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	ON (▼)	2010 ~ 2017	A8 (D4)	8 inch	3G MMI+
ON (▼)	ON (▼)	ON (▼)	OFF(▲)	ON (▼)	OFF(▲)	TEST Mode			

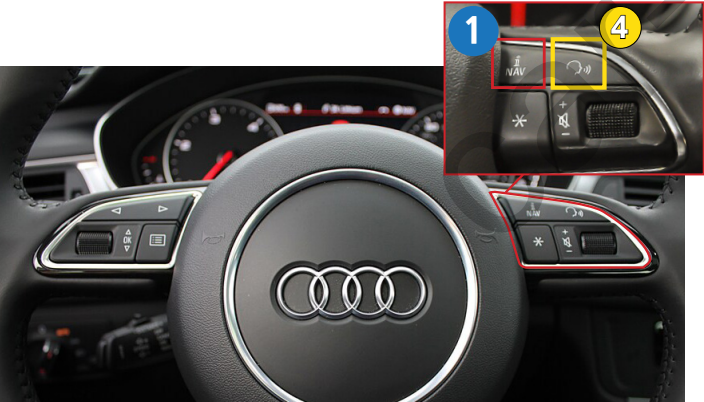
Activation by original buttons



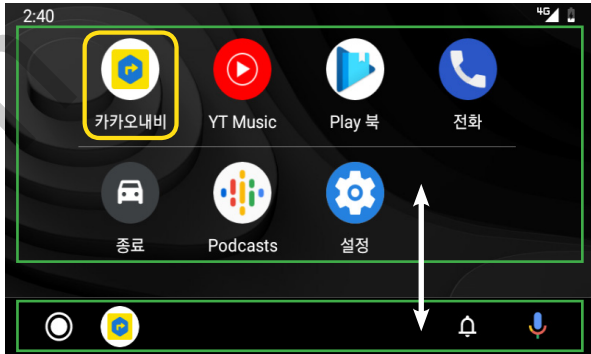
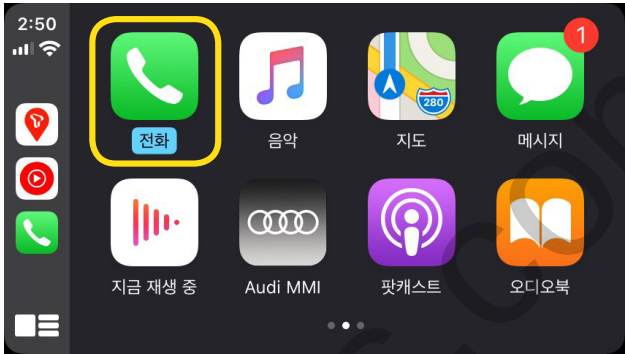
Audi A6 3G MMI Controller



Audi A4 3G MMI Controller



Audi A6 3G MMI Steering Wheel 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
Touch Pad	Move the pointer Up,Down	Touch the pad	Google Android Auto
			Google Android Auto
3 Back	Go back	Press the button	Apple Car Play Function
4 Voice	"Siri" "Google Assistant"	Press the button 3 seconds	Google Android Auto
			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

0 1 2 3 4 5

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

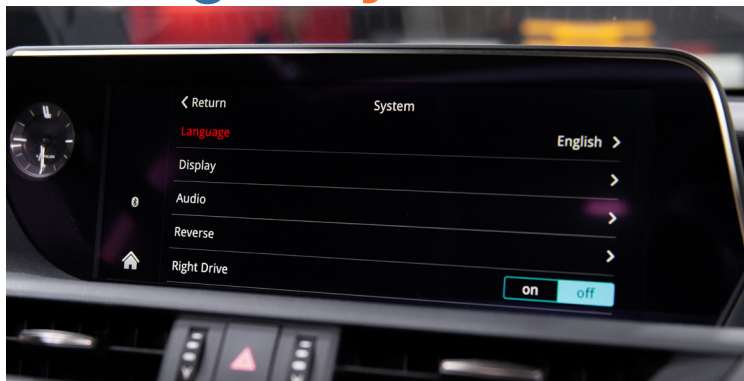
0 10

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

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

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