

Instruction Manual



Android Auto

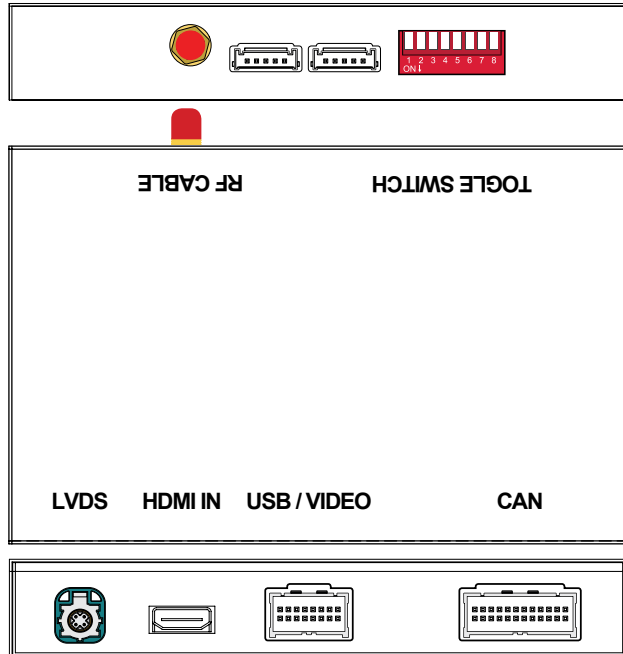


Apple Car Play

ADZ-MMI3G/ 1A67/ A8/ C6/ Q3/ A67



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

Product Warranty

Thank you for purchasing our product.
 We offer the warranty for 1 year from the date of purchase.
 This product has been tested and have passed under our strict and qualified control. If the failure occurred due to the carelessness of workmanship within one year after the purchase, we are responsible to repair free of charge.

- **Free service** : Manufacturing defects, When naturally occurring failures within the warranty period.

* When the warranty period has elapsed, Failure the caused by customer's mistake, Failure thecaused by natural disasters.

Warranty : One years from the original date of purchase.(12 months)

For Siri function perfect performance, we use the Car original Mic, if you Audi car is no Mic, there will can not use the siri (Andriod Auto is "OK Google") function

The CarPlay and Android Auto sound source is pass by the Aux in sound path, but when you use the Android Auto for a call ,Please connect the Car BT first.

For safety consideration, before Install the Carplay active adapter, please make sure the Power can cable pin is same the original car cable, if not ,do not install.

Components



LVDS Cable



AV,USB Cable



ANTENNA

Important !!
Option Parts (It must be checked Main harness type)



Main Harness
ADZ-1A67



Main Harness
ADZ-A67



Main Harness
ADZ-A8

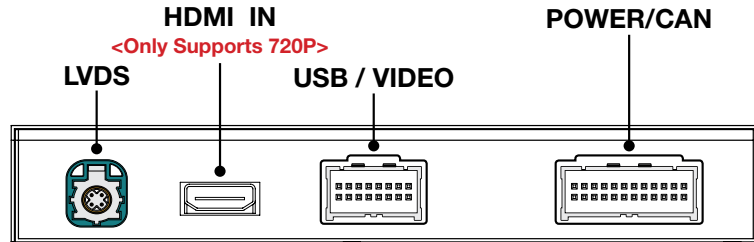


Main Harness
ADZ-Q3

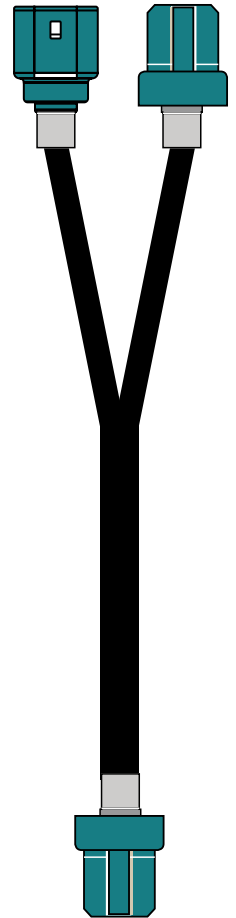


Main Harness
ADZ-MMI3G

Body Connector specifications



LVDS Cable



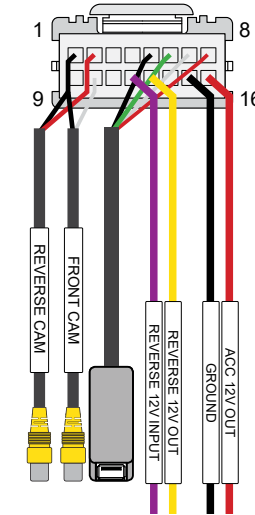
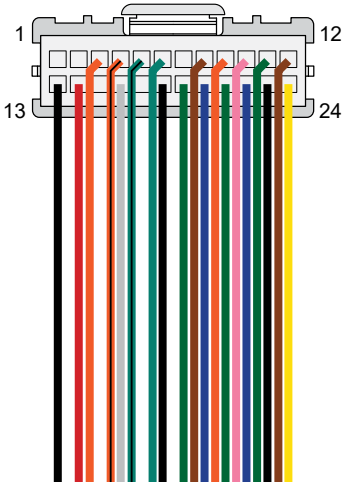
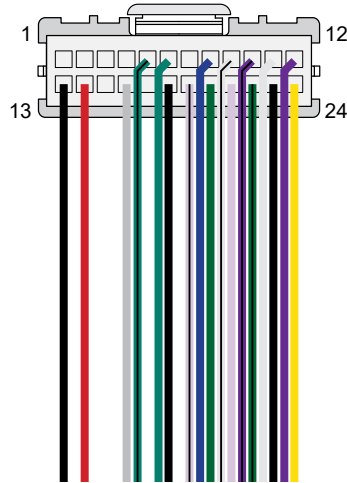
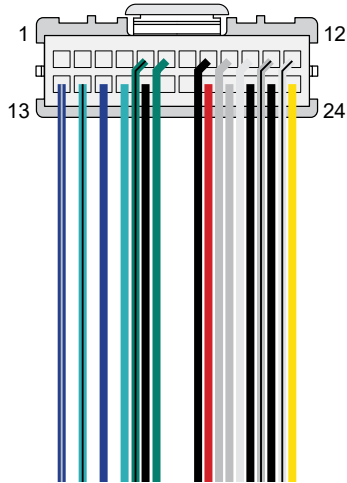
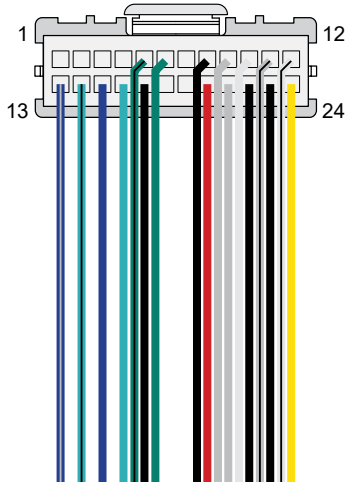
POWER / CAN
ADZ-IA67

POWER / CAN
ADZ-A67

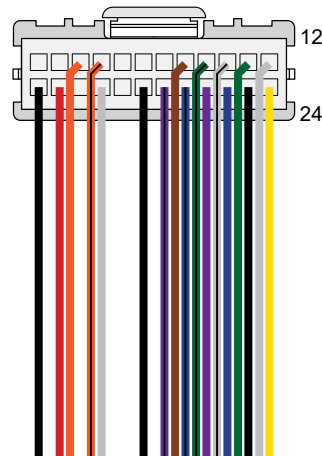
POWER / CAN
ADZ-A8

POWER / CAN
ADZ-Q3

AV CABLE



POWER / CAN
ADZ-MMI3G



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 (Without Navigation High)
Q5 (8R)	2010 ~ 2017	7 inch	- 3G MMI - 3G MMI +
Q7 (4L)	2010 ~ 2015	7 inch	- 3G MMI
A4 (8K)	2010 ~ 2015	7 inch	- 3G MMI - 3G MMI +
A5 (8T)	2010 ~ 2015	7 inch	- 3G MMI +
A6 (4F) A6 (4G)	2010 ~ 2015	7 inch	- 3G MMI - 3G MMI + - 4G MMI
A7 (4G)		8 inch	
A8 (4H)	2010 ~ 2017	8 inch	- 3G MMI +



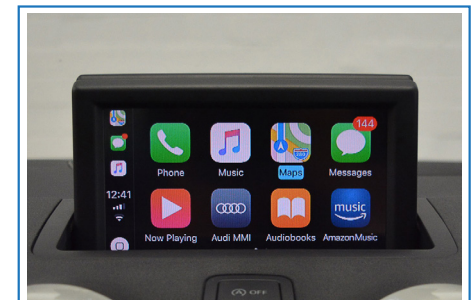
AUDI A4 (B8) AUDI A5 (8T)



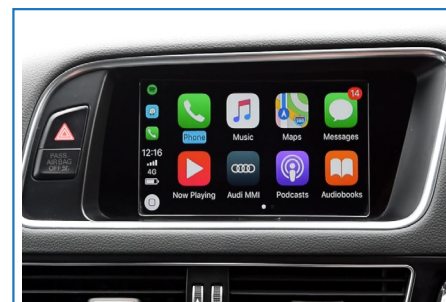
AUDI A6 (C7,C8) AUDI A7 (4G)



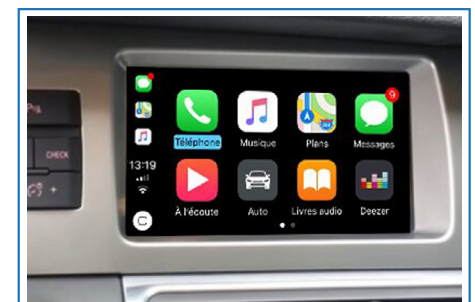
AUDI A8 (D4)



AUDI Q3 (8U)

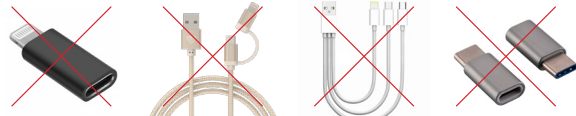


AUDI Q5 (8R)

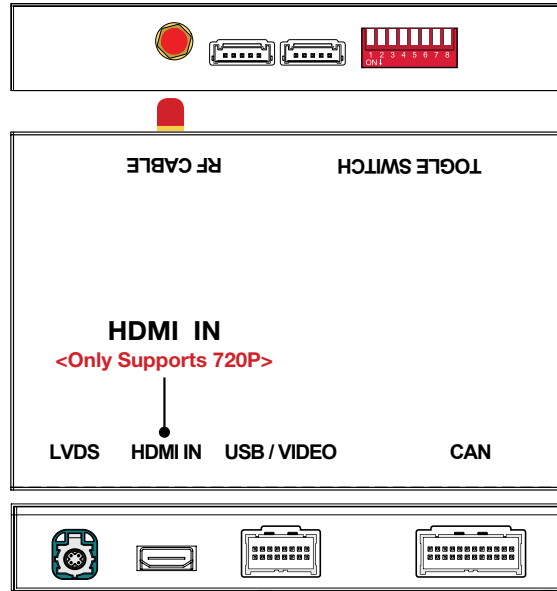
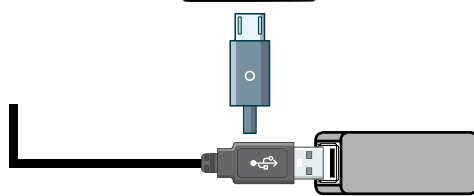
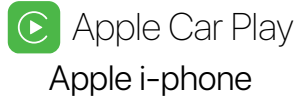


AUDI Q7 (4L)

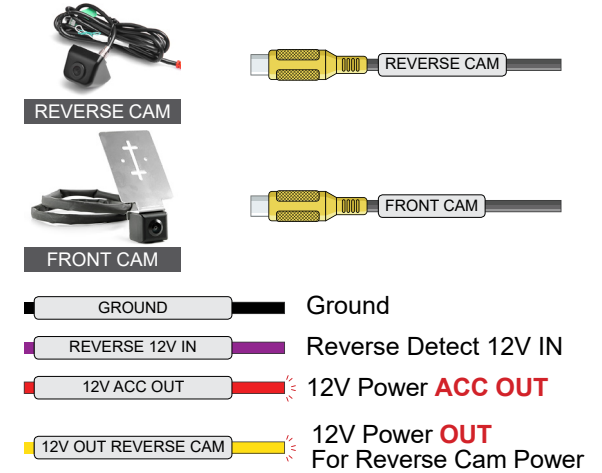
Full Installation Diagram



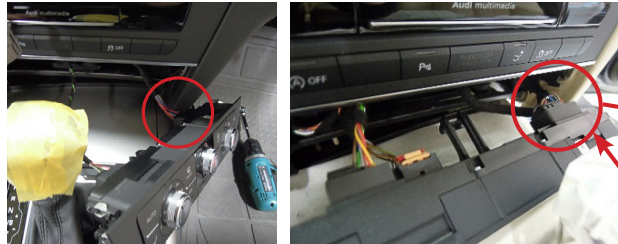
We recommend using for each phone manufacturer genuine cable
Please. Never using "Adapter Type and Multi cable"



AV Cable



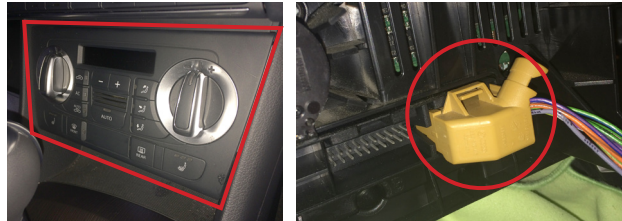
Audi A6,A7 Connector of Climate controller



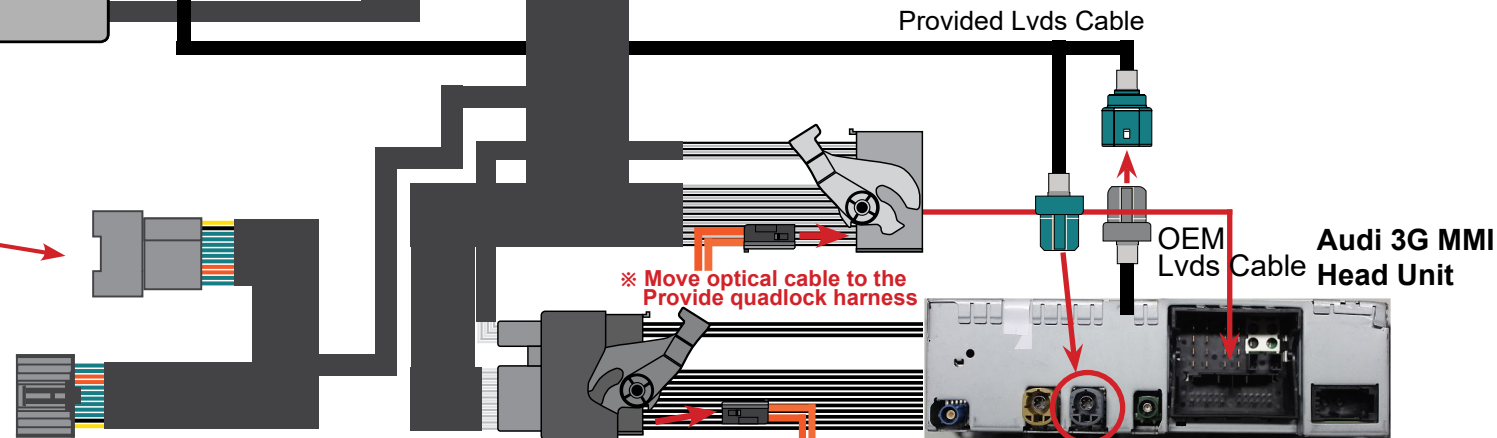
Audi A8 Connector of Climate controller



Audi Q3 Connector of Climate controller



Audi A4,A5 Q5 Connector of Climate controller



How To install Sub Board <Only Q3>



- Remove The Navigation Host And Remove The Screws



- Remove The CD Host



- Remove The CD Player



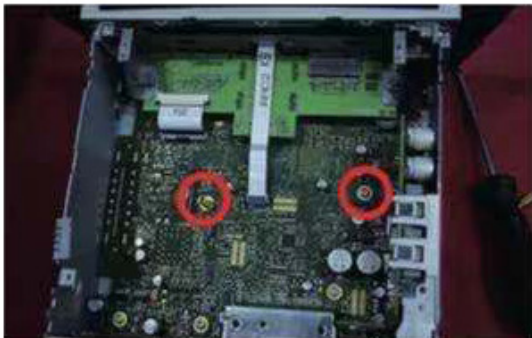
- Picture After Disassembling



- Install The External Adapter Plate, As Shown Above



- Install The FPC Adapter Board, As Shown Above



- Remove The Screws And Install The Copper Column



- Fix The Adapter Plate



- Reinstall The CD Player And Restore The Host

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

No.1	No.2	No.3	No.4	No.5	No.6	Year	Car Model	Screen Size	Note.
ON (▼)	ON (▼)	OFF(▲)	ON (▼)	ON (▼)	OFF(▲)	2014 ~ present	Q3 (8U)	6.5 inch	RMC (Without Navigation High)
OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	OFF(▲)	2013 ~ 2017	A4 (8K), Q5 (8R)	7 inch	3G MMI+
						2012 ~ 2015	A4 (8K), A5(8T)	7 inch	3G MMI+
						2012 ~ 2015	A6 (4G), A7 (4G)	8 inch	3G MMI+
OFF(▲)	OFF(▲)	OFF(▲)	ON (▼)	ON (▼)	ON (▼)	2010 ~ 2012	A4 (8K), 4Q5 (8R)	7 inch	3G MMI
						2009 ~ 2011	A4 (8K), A5(8T)	7 inch	3G MMI
OFF(▲)	OFF(▲)	ON (▼)	ON (▼)	OFF(▲)	ON (▼)	2010 ~ 2011	A6 (4F)	7 inch	3G MMI
OFF(▲)	OFF(▲)	ON (▼)	ON (▼)	ON (▼)	ON (▼)	2016 ~ 2018	*facelift A6(4G), 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 (4H)	8 inch	3G MMI+
ON (▼)	ON (▼)	ON (▼)	OFF(▲)	ON (▼)	OFF(▲)	TEST Mode			

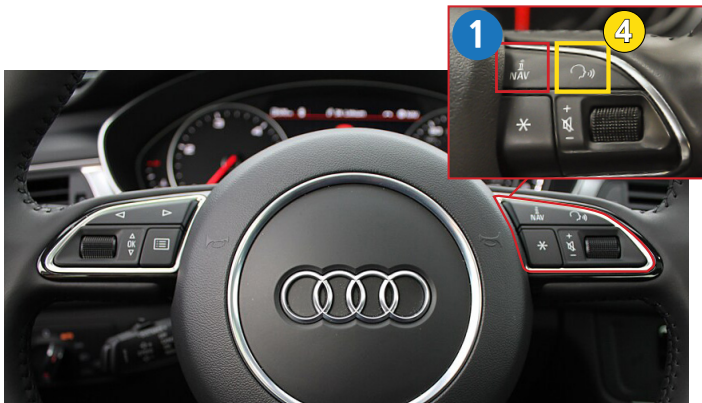
Activation by original buttons



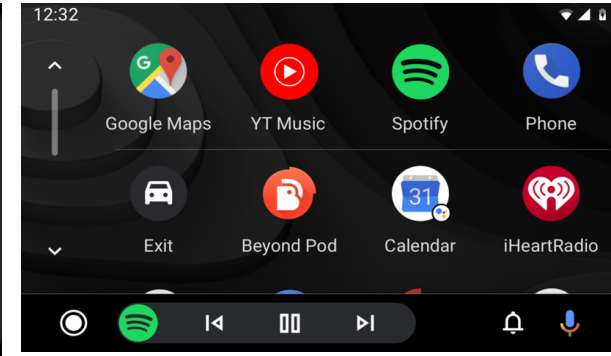
Audi A6 3G MMI Controller



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 deffrent) 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)

- 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.

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

Downloade Update File

- System Update**
 - 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 Prees the BACK button 5sec "It will be restart and start update automatically"
 - Please. Never power off the box on updating**
- MCU Update**
 - 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 Update**

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 Update**

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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