Installation Accessories

To complete your install you will need the following items. Different car accessories are not the same, the following accessories are for reference only.



Power Harness

Each harness connector is unique, so it should be easy to figure out which ones fit together with the help of a fit guide. Next, connect the wires from your new vehicle installation harness to the wires on the new radio harness. There are two options for connecting the wires, crimping, or soldering. Crimping is faster and easier, but soldering will provide a more stable and secure connection. Be sure to use the proper size crimp, and do not try to bundle the wires with tape-it will eventually dry up, and fall apart. Zip ties are preferable.



Dash Kit

Each mounting kit is specific to a vehicle. Like the Power harness, search for this kit by the Year, Make, and Model of your vehicle. This mounting kit will fill in all the extra space you might have after removing the factory radio.



Antenna Adapter

Each vehicle has a specific factory connector for the antenna. Like the Power harness and mounting kit, you may find this adapter by the Year, Make, and Model of your vehicle.

Your can find these items at one of the following links:
https://pac-audio.com/
http://www.metraonline.com/
https://www.scosche.com/car-audio-finder
https://www.axxessinterfaces.com/

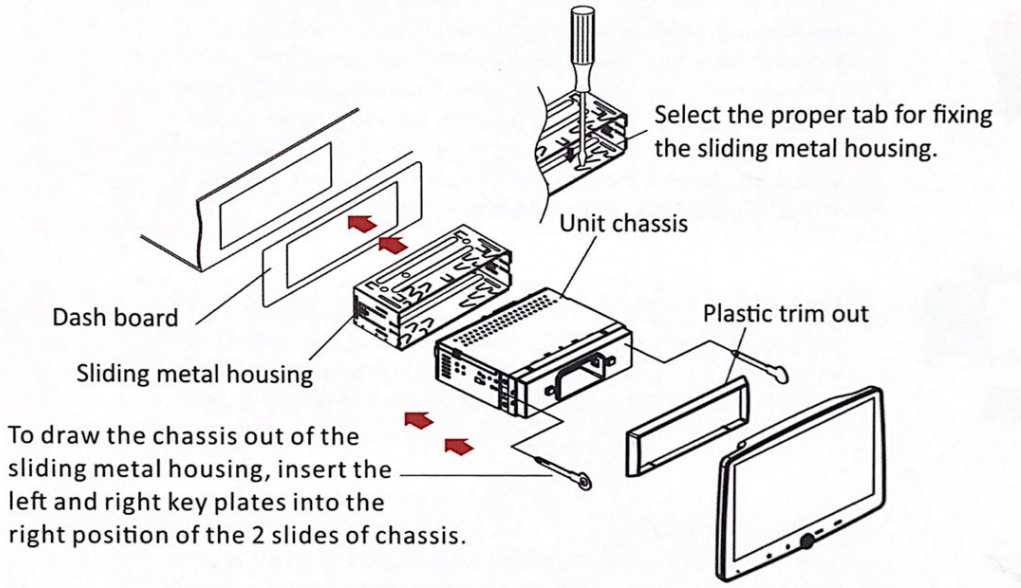
You will need to fill out the " Vehicle Fit Guide " in order to see what you will need for your vehicle.

You can also find the correct dash kit, radio wire harness, antenna adapter by searching on Amazon or Google for the year and model of your vehicle.

If your car is with JBL, BOSE, built-in amplifier, CAN bus, we recommend PAC's wiring harness. You can find the exact model number on these sites to buy on Amazon, and they can be cheaper.

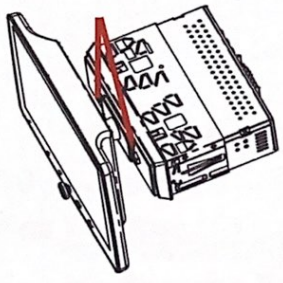
Unit Installation

The unit is installed to be an anti-theft one. The chassis of the unit wears a sliding metal housing. Please do the connection of the power, speakers and antenna according to the requirement of the instruction book, then install the sliding metal housing in th car as follows.

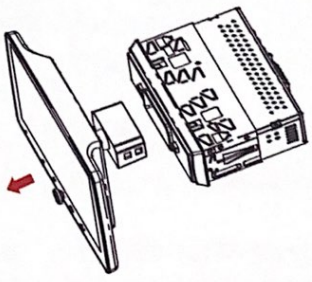


Display Screen Removal

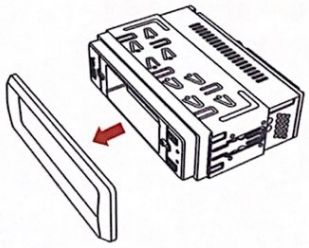
1.Press both release buttons.



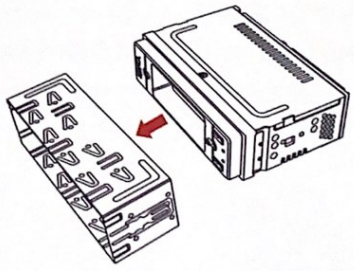
2.Gently pull the display panel forward.



3.Remove mount frame.



4.Pull the meta frame out.



Removing The Factory Stereo

When installing a new stereo in your car, your first step will be to remove the old stereo.

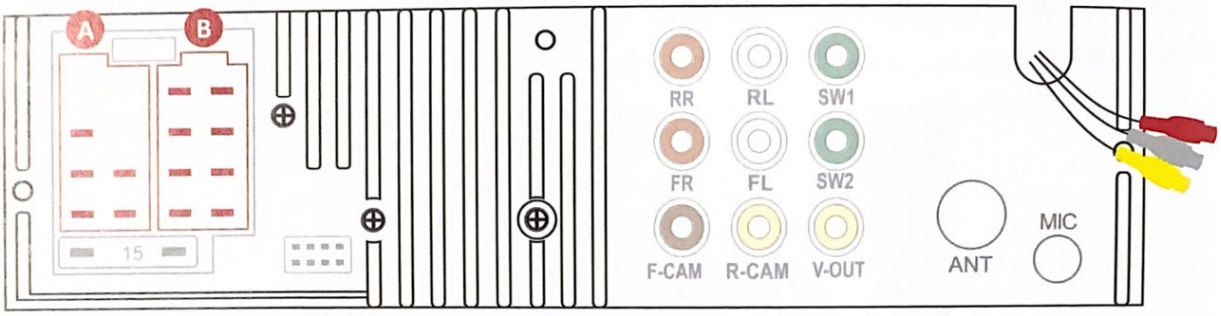


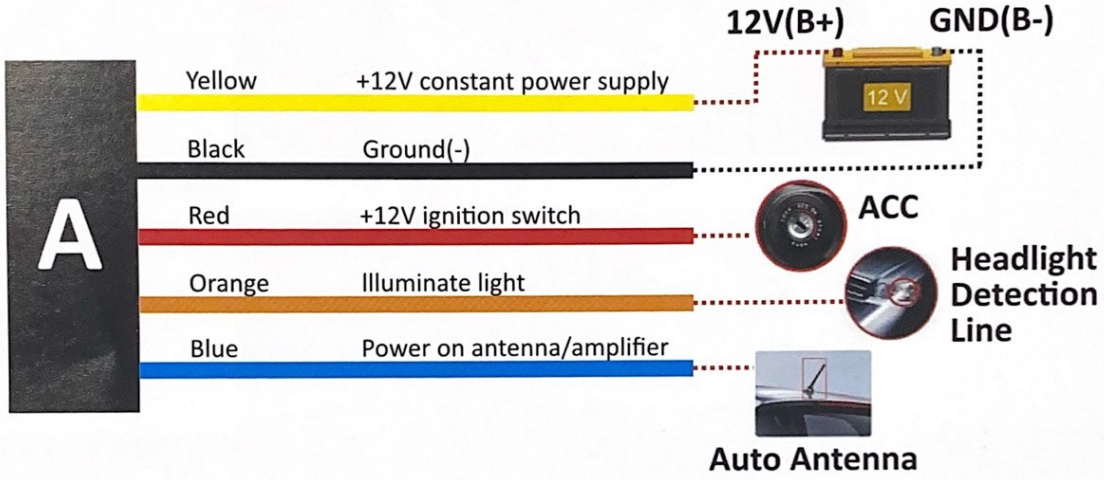


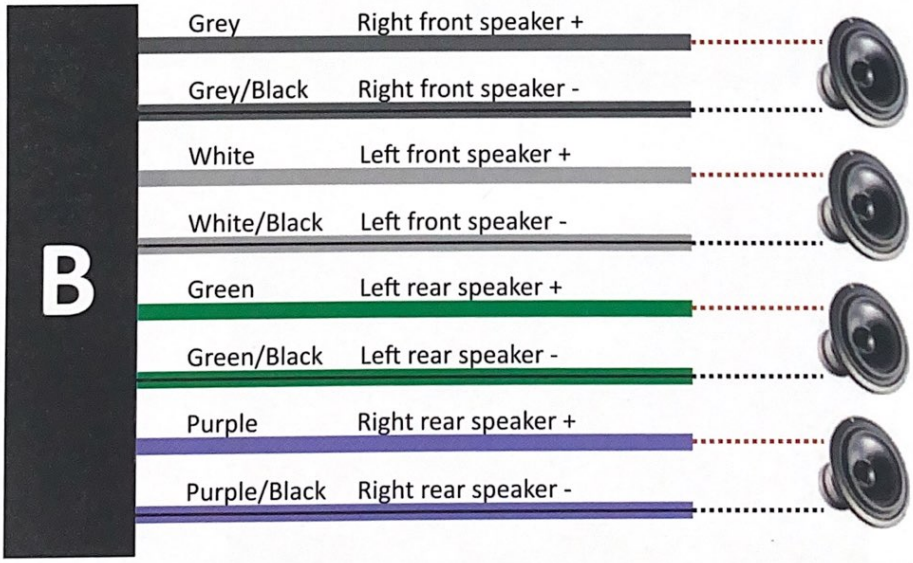
Unplugging the factory stereo.



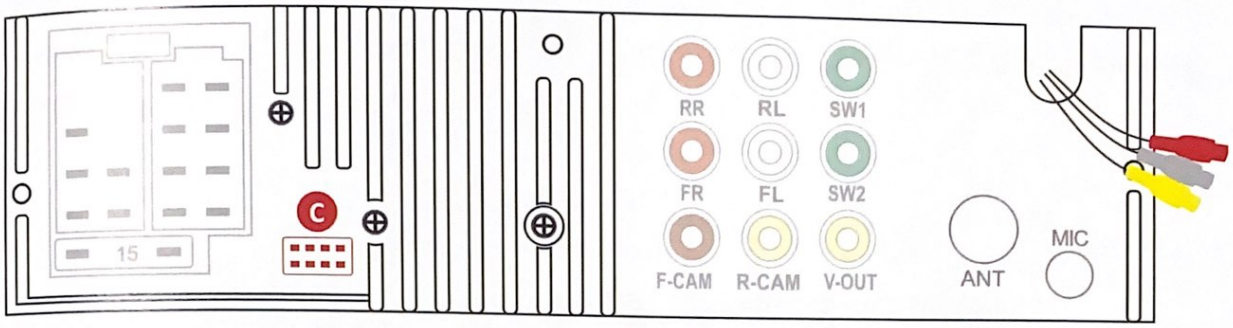
Wiring Harness Definition

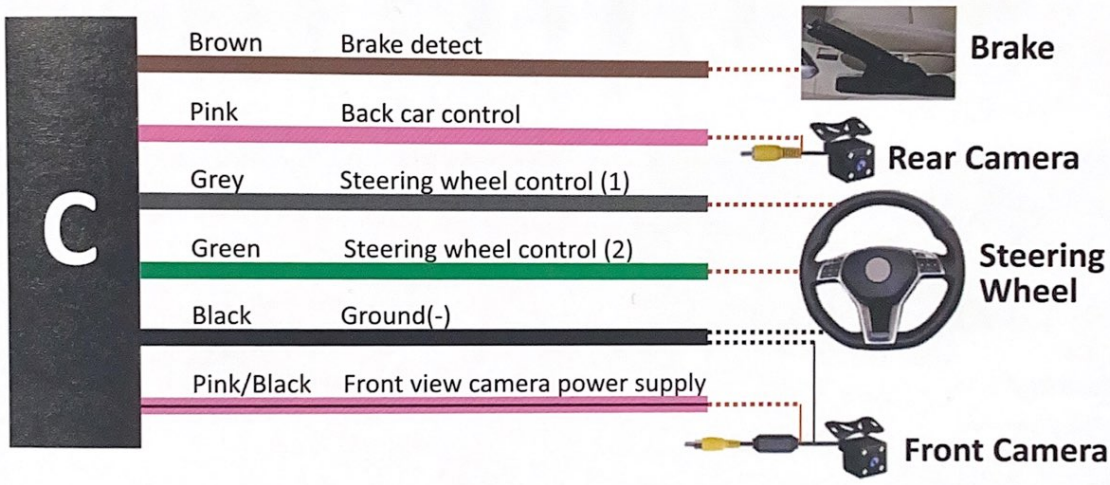




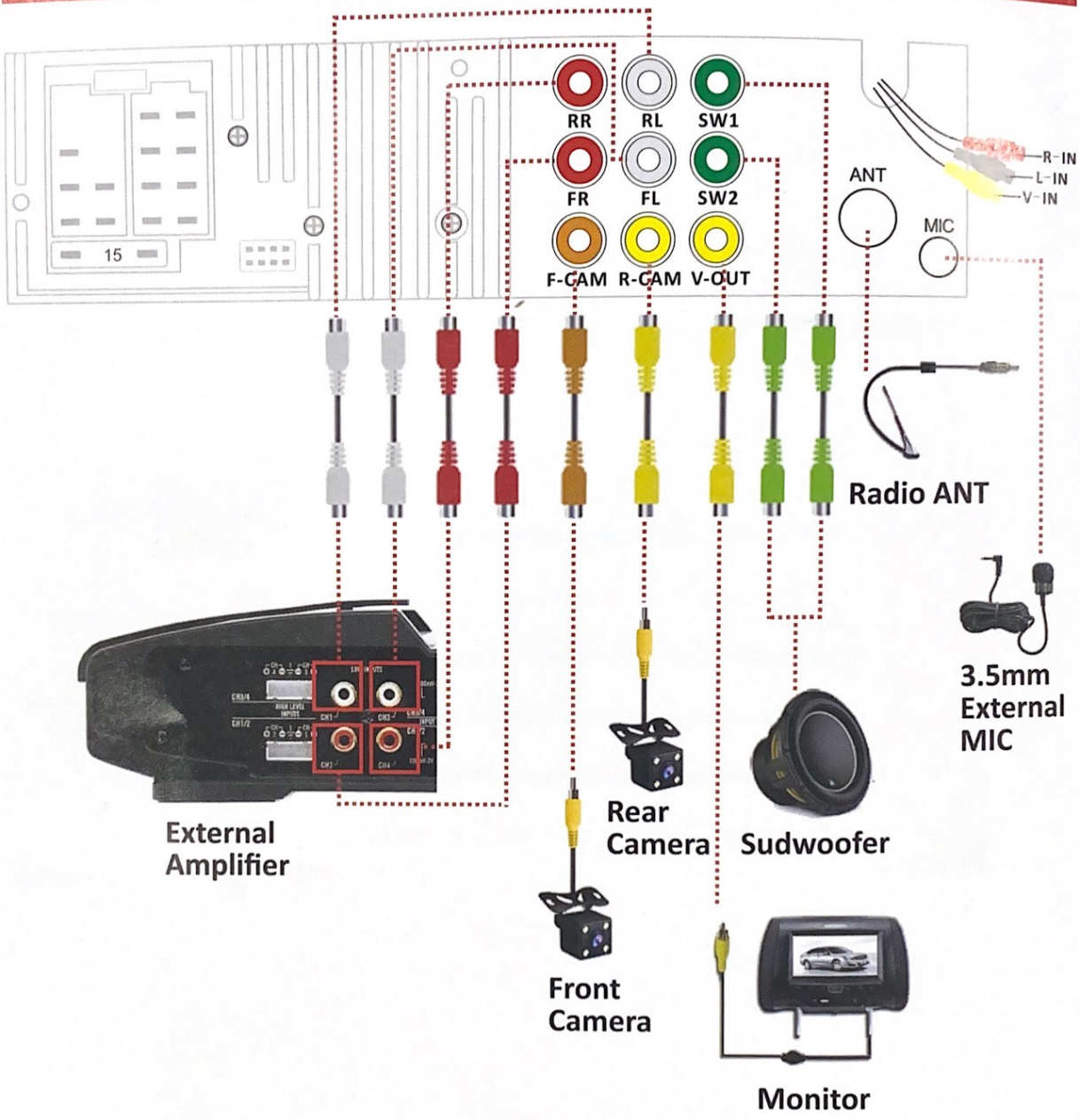


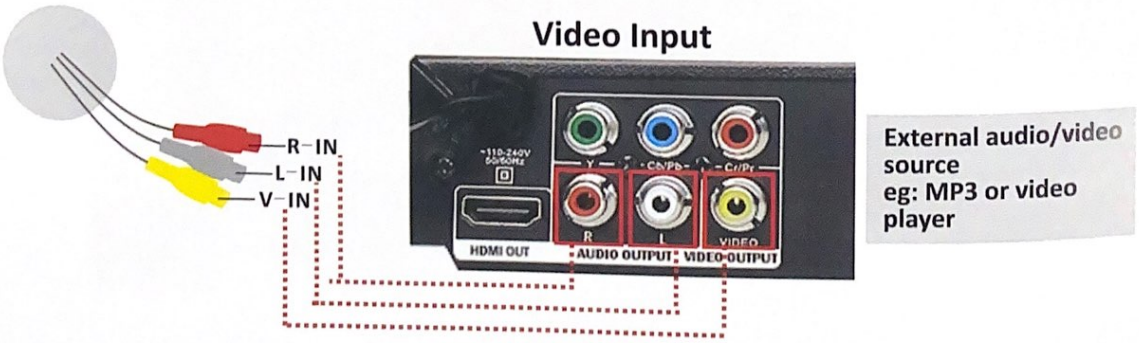
Wiring Harness Definition





Interface Definition





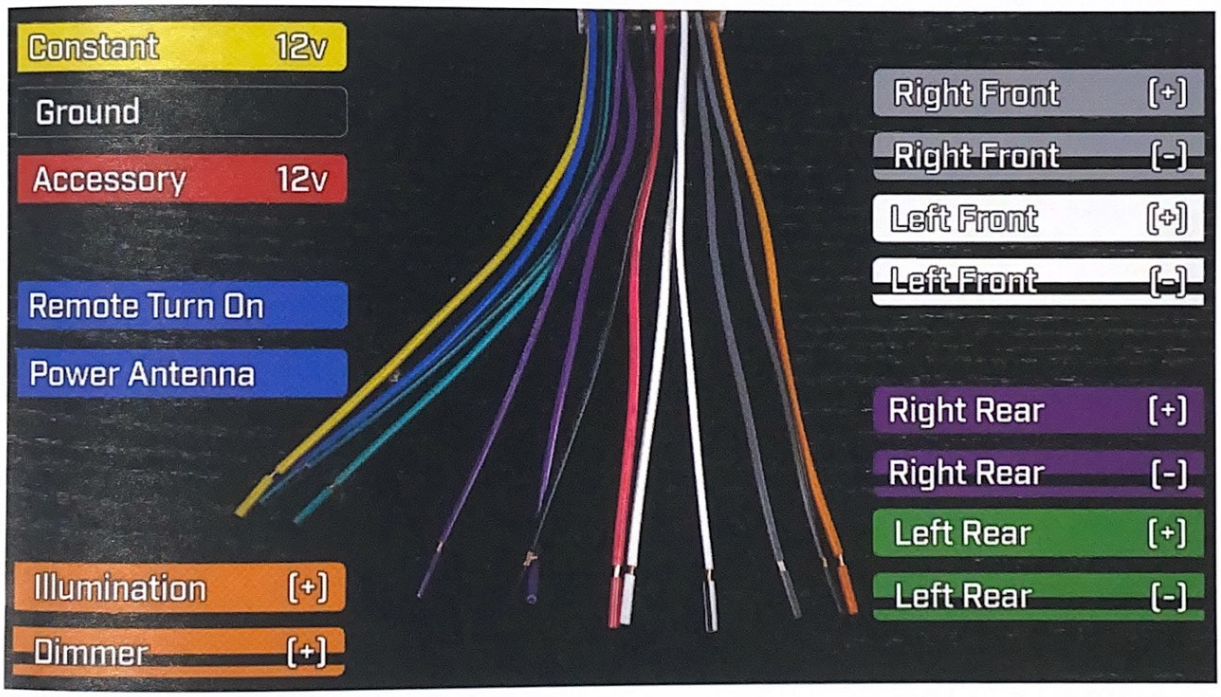
Harness Connection

[Step 1] Purchase an aftermarket wiring harness based on the car model and year. Seamlessly connect the vehicle's factory wiring harness to the ISO wiring harness for the new car stereo.



Aftermarket Wiring Harness Adapter

Note: Different car model has different aftermarket wiring harness adapter. General aftermarket wiring harness adapter definition:

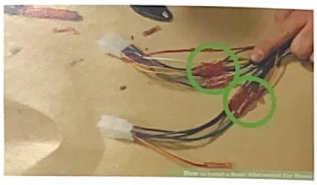


Note: Please refer to the definition of your actual aftermarket wiring harness adapter you purchased.

[Step 2] Connect the aftermarket wiring harness to the new car stereo's wiring harness in a one-to-one correspondence according to the wiring harness definition (usually connected by color).

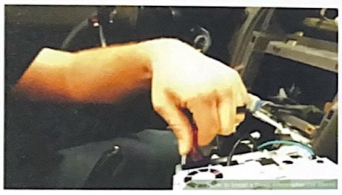


Car Stereo's ISO
Wiring Harness



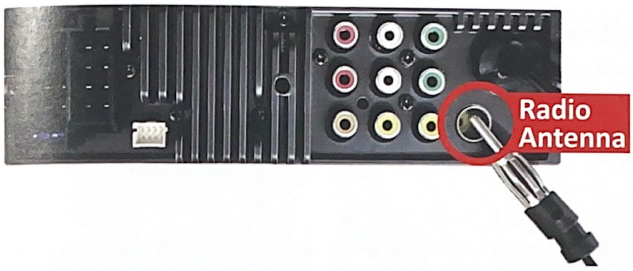
[Step 3] Plug wiring harness.





- Plug your aftermarket wiring harness adapter into your vehicle's factory wiring harness.
- Plug car stereo's ISO wiring harness into the back of the unit.

[Step 4] Plug in the radio antenna.



[Step 5] Test if the new car stereo is working properly.
Turn on the car key, press the "Power" button of the car stereo, and the car stereo will work normally.

Troubleshooting

Car stereo not working after installation?

The power harness of our in-dash units is all color-coded to properly identify the purpose of each wire.

- **Black**: connects to the vehicle ground or the negative pole of the battery.
- **Red**: connects to a switched +12VDC, normally to an ACC line of the ignition switch.
- **Yellow**: connects to a constant +12VDC.
- **Blue**: connects to the rem line of a switchable product such as power amplifier or the power antenna, as applicable. Because it has a +12VDC output when the radio is on, it is best to cap it or tape it.

Please confirm the red & yellow wires are connected. The unit requires +12VDC on both red and the yellow wires otherwise, the unit will not turn on. If you have a multi-meter handy measure the voltage for both wires.

3 possible things can be happening as to why it's not turning on:
- Low voltage on either the red or the yellow wire.
- No voltage on either the red or the yellow wire, maybe both.
- Bad or no ground connection.

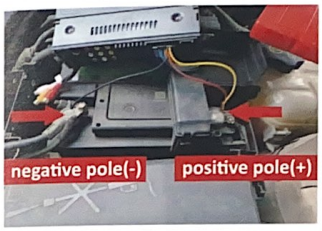
Please recheck that your connections and aftermarket harnesses are correct.

You can also refer to the wiring video below to check the connection. Please scan the QR code.

https://www.youtube.com/watch?v=yxqsBkXmOAQ

How to detect if the car stereo is good?

- Connect the red and yellow wires to the positive pole (+12V) of your car battery, and the black wire to the negative pole.
- Press the " Power " button to turn on the car stereo and check if the car stereo can work normally.





If it can be turned on and there is no problem, you can install it.
If it can't start normally, please contact us through the " FB " on the cover, we will help you solve it as soon as possible.

No sound / Factory amp?

I'm sorry to hear that you are experiencing one of the following issues with one of our head units.
- No sound
- Sound significantly low
- Volume noticeably louder between two digits, i.e. (vol. 6-7)
- Loud hissing

There is a possibility of a factory-installed amplifier. Many cars have built-in amplifiers that require a 12V signal in order to turn on the amplifier, most common being Bose, Infinity, and JBL.

There are 2 ways to resolve this issue:
- Purchase the aftermarket wiring harness for your vehicle w/a factory amp. This kind of harness generally comes with a box for JBL, BOSE, etc. for built-in power amplifier systems. There are usually PAC, Metra and other brands of wire harnesses on the market.
- Bypass the factory amplifier.

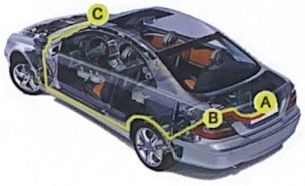
Loosing memory?

Ok, I understand the head unit is losing the time after you turn off your vehicle.

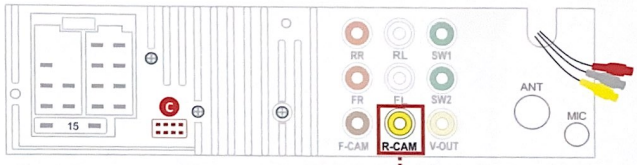
You will need to check the yellow wire. Be sure that the yellow is receiving 12VDC when the vehicle is OFF. If it is losing voltage, then the head unit will lose memory.

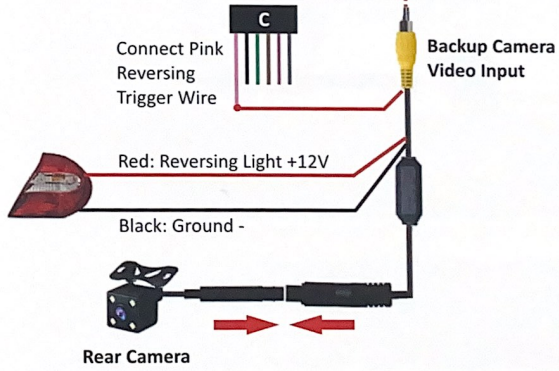
The Clock, Audio Settings, and Radio Presets will all be lost. To correct this problem, you will need to relocate the yellow wire to a constant 12VDC source.

Rear Camera Installation

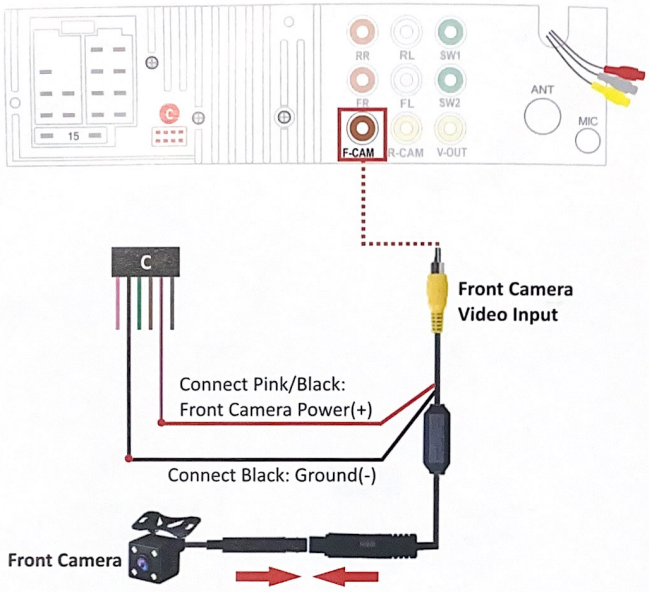


A Backup Camera
B Power: Connect to the reversing light
C Car Stereo





Front Camera Installation

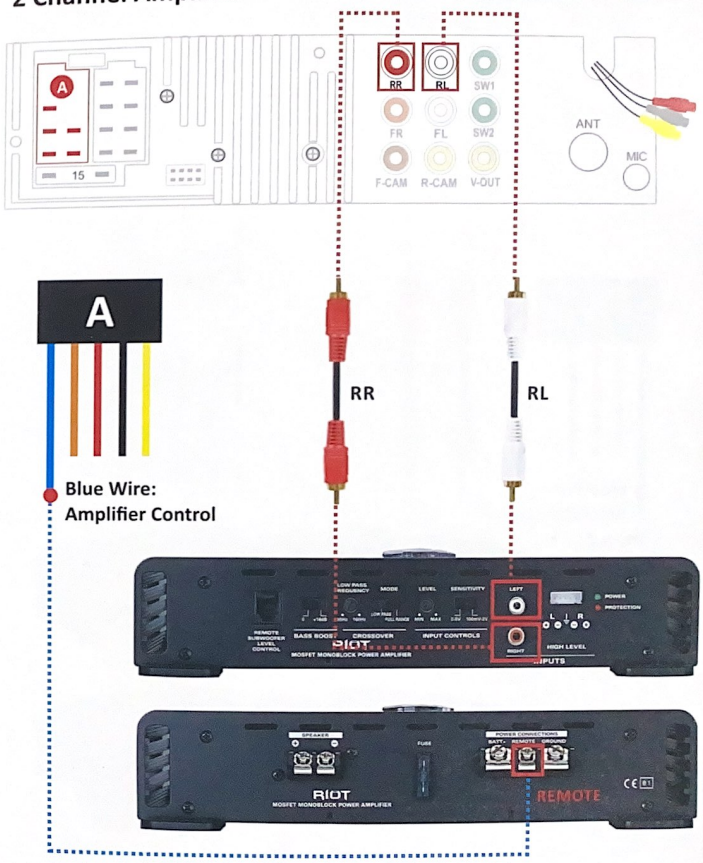


(Front camera not included in package)

Note:
This diagram is not suitable for the installation of dash cam.

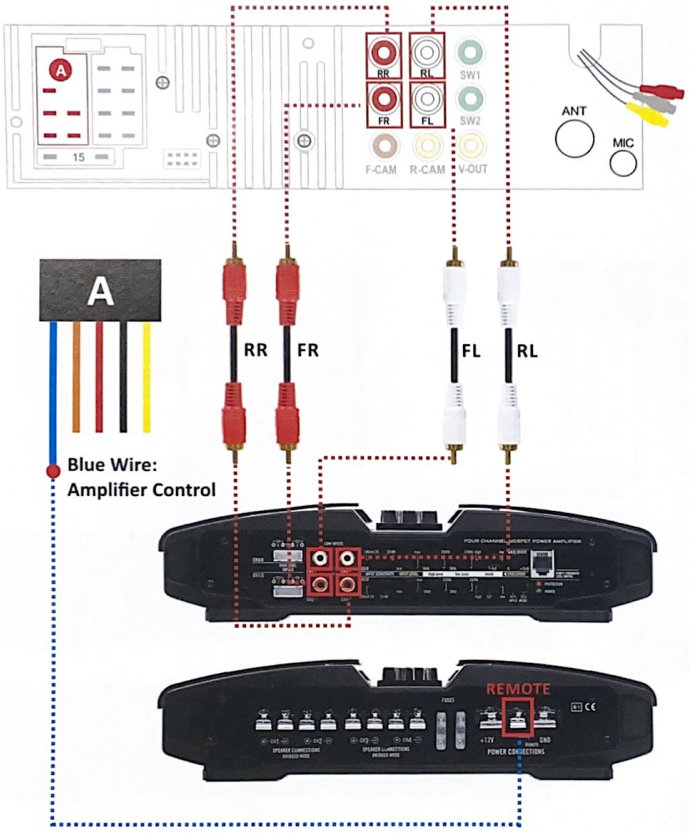
Connect Amplifier To The Unit

2 Channel Amplifier



Connect Amplifier To The Unit

4 Channel Amplifier



Steering Wheel Control

Control this unit using the vehicle's existing steering wheel control buttons. An additional interface (sold separately) is required. We recommend the PAC SWI-CP2 or Metra ASWC.

[Retain Steering Wheel Control With PAC SWI-CP2]

[1] First purchase a SWI-CP2.



[2] Download the "Controlpro" app from the app store.



[3] Select SWI-CP2.



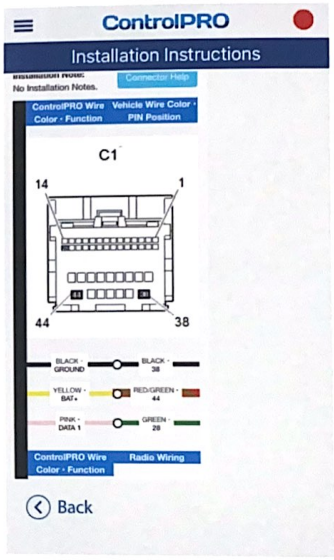
[4] Enter your car model, and select the radio: "Android Radio".



[5] Set your SWI-CP2 DIP switch.

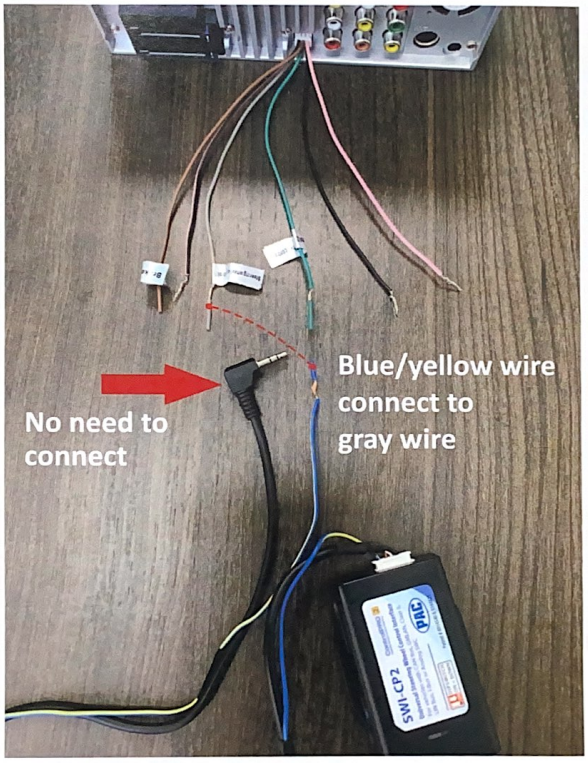


[6] Follow the prompts to connect the SWI-CP2 harness to the Vehicle's harness. The **red wire (ACC)**, **yellow wire (BAT+)** and **black wire (GROUND)** can also be directly connected to the same color harness of our car stereo.





[7] There is no need to connect the 3.5MM connector. Simply connect the blue/yellow wire of the SWI-CP2 to the "steering wheel control (1)" gray wire or the steering wheel control (2) green wire of the car stereo.



[8] **Please follow the steps below to set the steering wheel function:**

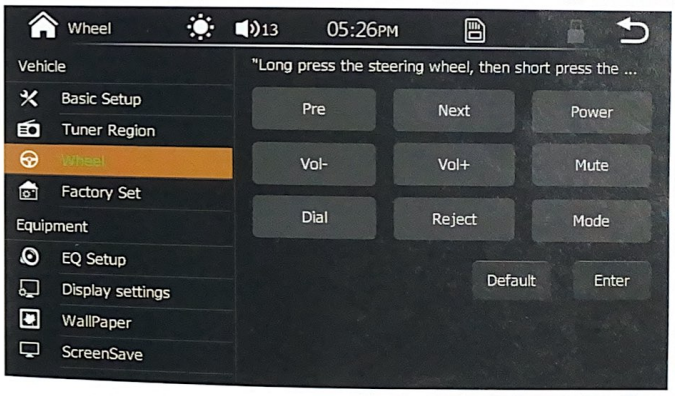
① In the main screen, click'' Setup''→ Click'' Steering Wheel''→ enter the Steering Wheel learning interface.

② Click '' Default '' to reset all SWC functions.

③ Long press the car steering wheel button while short press the screen function button again. Until the color of the screen function button turns yellow, which means that the button was successfully learned.

④ Repeat steps ③ to learn other keys.

⑤ Click '' Enter '' to complete steering wheel learning.

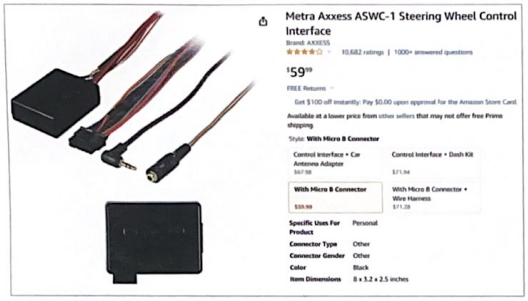


Please scan the QR code to see the operation video:

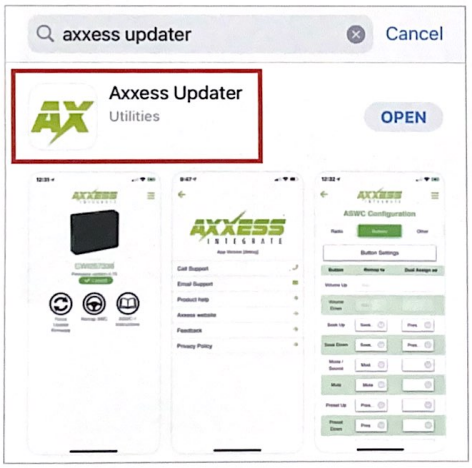
https://www.youtube.com/watch?v=iUifrUckOmQ

[Retain Steering Wheel Control With AXXESS ASWC-1]

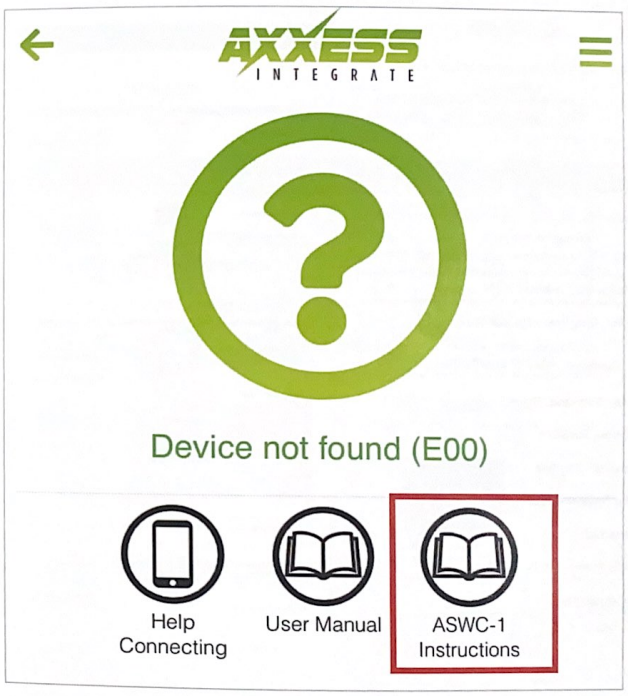
[1] First purchase a ASWC-1.



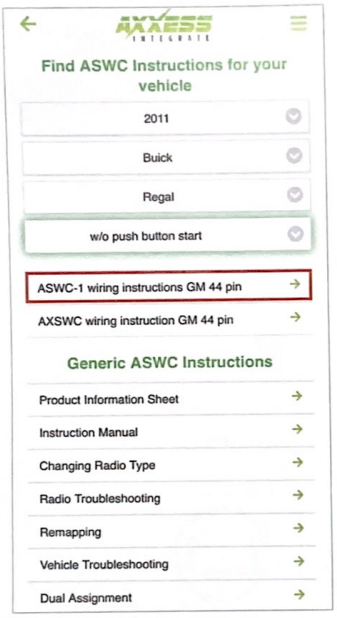
[2] Download the " Axxess updater" app from the app store.

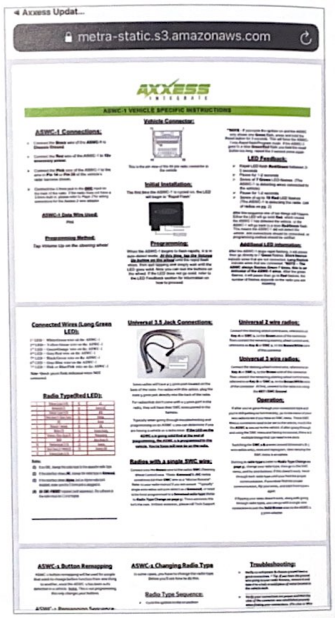


[3] Open the " Axxess updater" application and click on the "ASWC-1 instructions" icon.

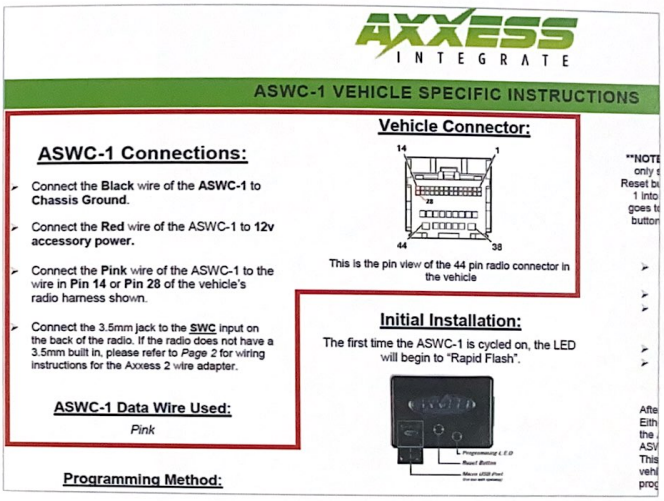


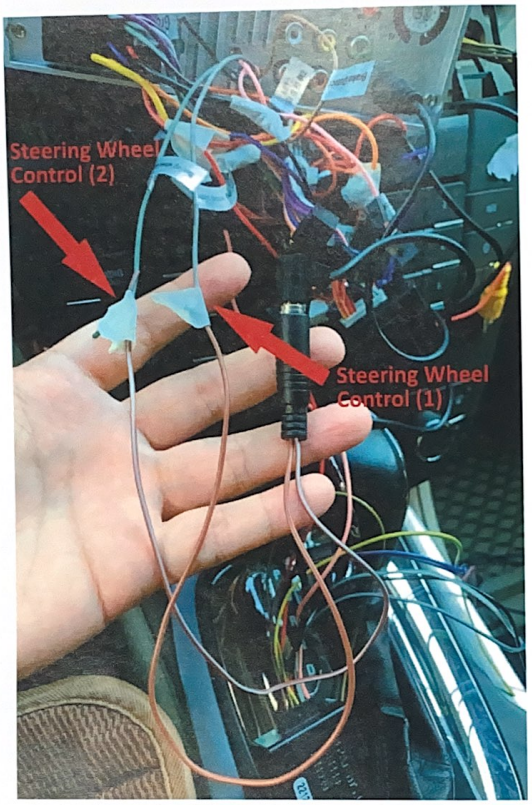
[4] Follow the prompts, enter your vehicle model, then open your Vehicle-specific instructions.





[5] Follow the prompts to connect the ASWC-1 harness to the Vehicle's harness. The **red wire (ACC)** and **black wire (GROUND)** can also be directly connected to the same color harness of new car radio. Connect the 3.5 mm jack to the radio's "Steering Wheel Control (1)" gray wire or the Steering Wheel Control (2) green wire.





Note:
Please refer to the manual you downloaded, the above picture is for example only.

[6] Follow the instructions and tap the "**Volume Up**", so that the ASWC-1 can recognize your Vehicle model.

- Connect the **Pink** wire of the ASWC-1 to the wire in **Pin 14** or **Pin 28** of the vehicle's radio harness shown.
- Connect the 3.5mm jack to the **SWC** input on the back of the radio. If the radio does not have a 3.5mm built in, please refer to *Page 2* for wiring instructions for the Axxess 2 wire adapter.

ASWC-1 Data Wire Used:

Pink

Programming Method:

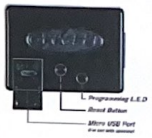
Tap Volume Up on the steering wheel



This is the pin view of the 44 pin radio connector in the vehicle

Initial Installation:

The first time the ASWC-1 is cycled on, the LED will begin to "Rapid Flash".



Programming:

When the ASWC-1 begins to flash rapidly, it is in auto-detect mode. ***At this time, tap the Volume Up button on the wheel*** until the rapid flash stops, then quit tapping and simply wait until the LED goes solid. Now you can test the buttons on the wheel. If the LED does not go solid, refer to the LED Feedback section for information on how to proceed.

Note: Please refer to the manual you downloaded, the above picture is for example only.

[7] **Setting the radio type**

Follow the steps in the ASWC-1 instructions to set the radio type to: **11(Metra OE)**.

ASWC-1 Button Remapping

ASWC-1 button remapping will be used for people that want to change button function from one thing to another, once the ASWC-1 has been auto detected in a vehicle. Note: *This is not programming, this only changes your buttons.*

ASWC-1 Remapping Sequence:

- Cycle the ignition to the on position
- Within 20 seconds of turning the ignition on, press and hold **Volume Up** until the LED on the ASWC-1 goes solid, then release the button (At this point volume up is mapped)
- You will need to follow the list below, in exact order. You may program any button you wish, in any location, other than Volume Up and Volume Down, as long as the button you are changing already has a function working on it.
- To skip a function in the list, hold **Volume Up** until the LED comes on then release it.

ASWC-1 Changing Radio Type

In some cases, you have to change the radio type. Below you'll see how to do this.

Radio Type Sequence:

- Cycle the ignition to the on position
- After 3 seconds, press and hold **Volume Down** till the LED on the ASWC-1 goes solid, then release.
- Tap **Volume Up** the designated times for your radio code. ***Note:** Your radio code is below, and will correspond with the number beside it.*
- Once you've tapped **Volume up** the proper amount of times for your radio code, Press and hold **Volume Down** until the LED goes solid.
- Once the LED goes **Solid**, you have completed changing the radio type.

Note: Please refer to the manual you downloaded, the above picture is for example only.

Radio Type List:

1	Eclipse(type1)(1)		9	Valor		17	Kicker
2	Kenwood(2)		10	Clarion(type2)(1)		18	JBL
3	Clarion(type1)(1)		11	Boss(type2)/Metra OE		19	Insane Audio
4	Boss(type1)/Dual/Sony		12	Eclipse(type 2)(1)		20	Magnadyne
5	JVC		13	LG		21	Boss(type3)
6	Pioneer/Jensen		14	Parrot(4)		22	Axxera
7	Alpine(3)		15	XITE		23	Axxera(IR)
8	Visteon/Boss(type4)		16	Philips			

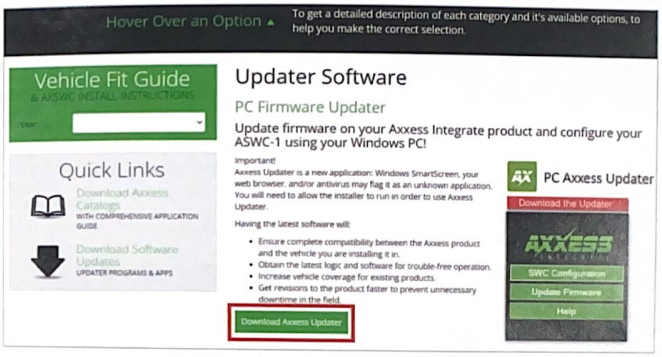
[8-1] **Set the radio type with the PC software.**

- If setting the radio type as described above is successful, ignore this step, look directly at **Point 9**.

- If setting the radio type is not successful, you can also download the PC software from the AXXESS website and connect your computer to the ASWC-1 with a USB cable. Open the PC software and you can easily set it to "**Metra OE**".

- PC software download address:

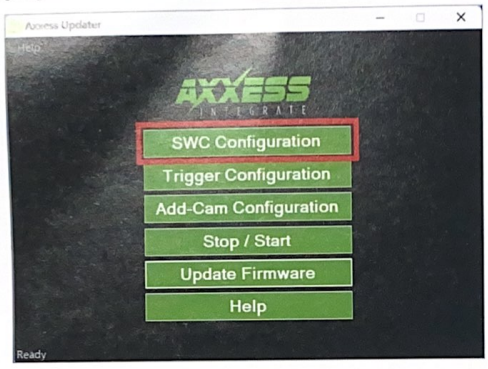
https://www.axxessinterfaces.com/resources/updater-software



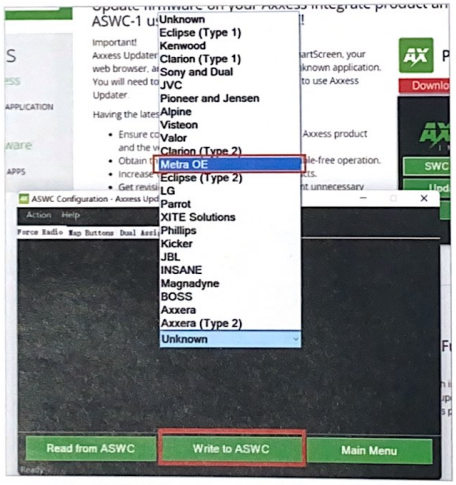




[8-2] Click on "SWC Configuration".



[8-3] Select "Metra OE", click on "Write to ASWC".



[9] **Please follow the steps below to set the steering wheel function:**

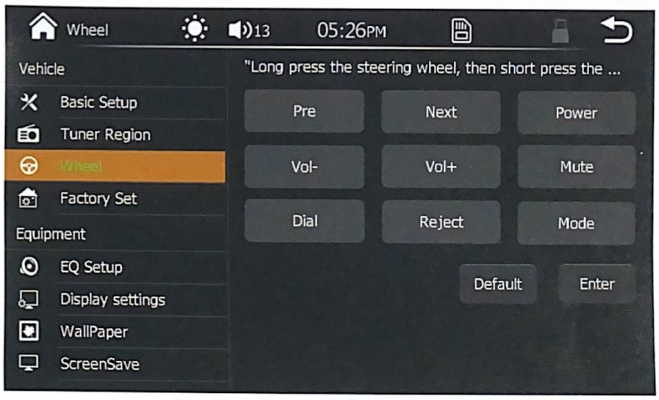
① In the main screen, click" Setup"→ Click" Steering Wheel"→ enter the Steering Wheel learning interface.

② Click " Default " to reset all SWC functions.

③ Long press the car steering wheel button while short press the screen function button again. Until the color of the screen function button turns yellow, which means that the button was successfully learned.

④ Repeat steps ③ to learn other keys.

⑤ Click " Enter " to complete steering wheel learning.



Please scan the QR code to see the operation video:

https://www.youtube.com/watch?v=VCncAo_MIDY