

VIA BECS



# Guide to Installing Tundra Radio

Model: SYFT7172

For 2007-2013 Toyota Tundra, 2008-2019 Toyota Sequoia



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# 1. What's in the Box?



Model: SYFT7172L  
Head Unit













<div>1</div> <div></div> <div>1 * XC004-1 Wire Harness</div>	<div>2</div> <div></div> <div>1 * 20 PIN Audio Cable</div>	<div>3</div> <div></div> <div>1 * 10 PIN CAM-IN &amp; Wifi Cable</div>	<div>4</div> <div></div> <div>1 * 4PIN USB</div>
<div>5</div> <div></div> <div>1 * 6PIN USB (OTG)</div>	<div>6</div> <div></div> <div>1 * GPS Antenna</div>	<div>7</div> <div></div> <div>1 * 4G Antenna</div>	<div>8</div> <div></div> <div>1 * External MIC</div>
<div>9</div> <div></div> <div>2 * User Manual</div>	<div>10</div> <div></div> <div>1 * Cleaning Cloth</div>	<div>11</div> <div></div> <div>1 * Tempered film</div>	





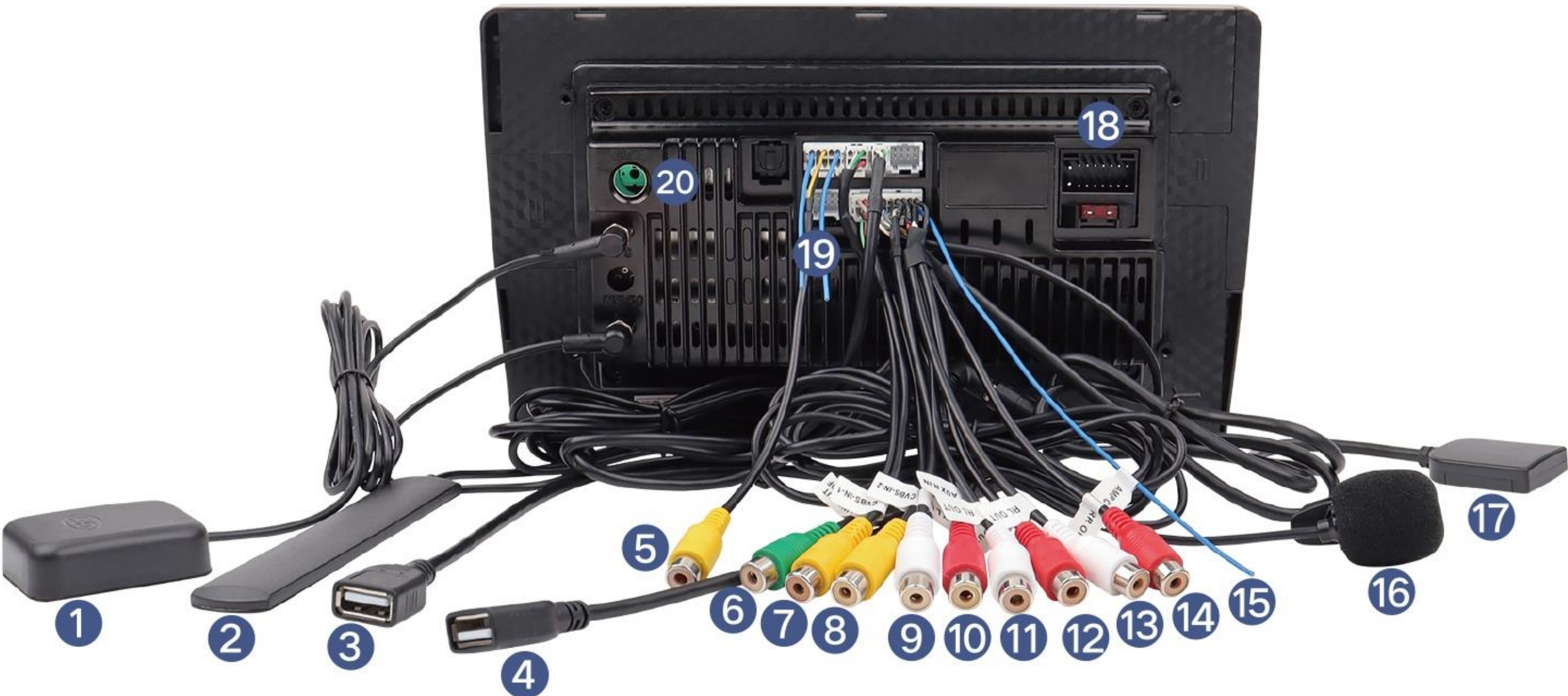
Model: SYFT7172M

Head Unit

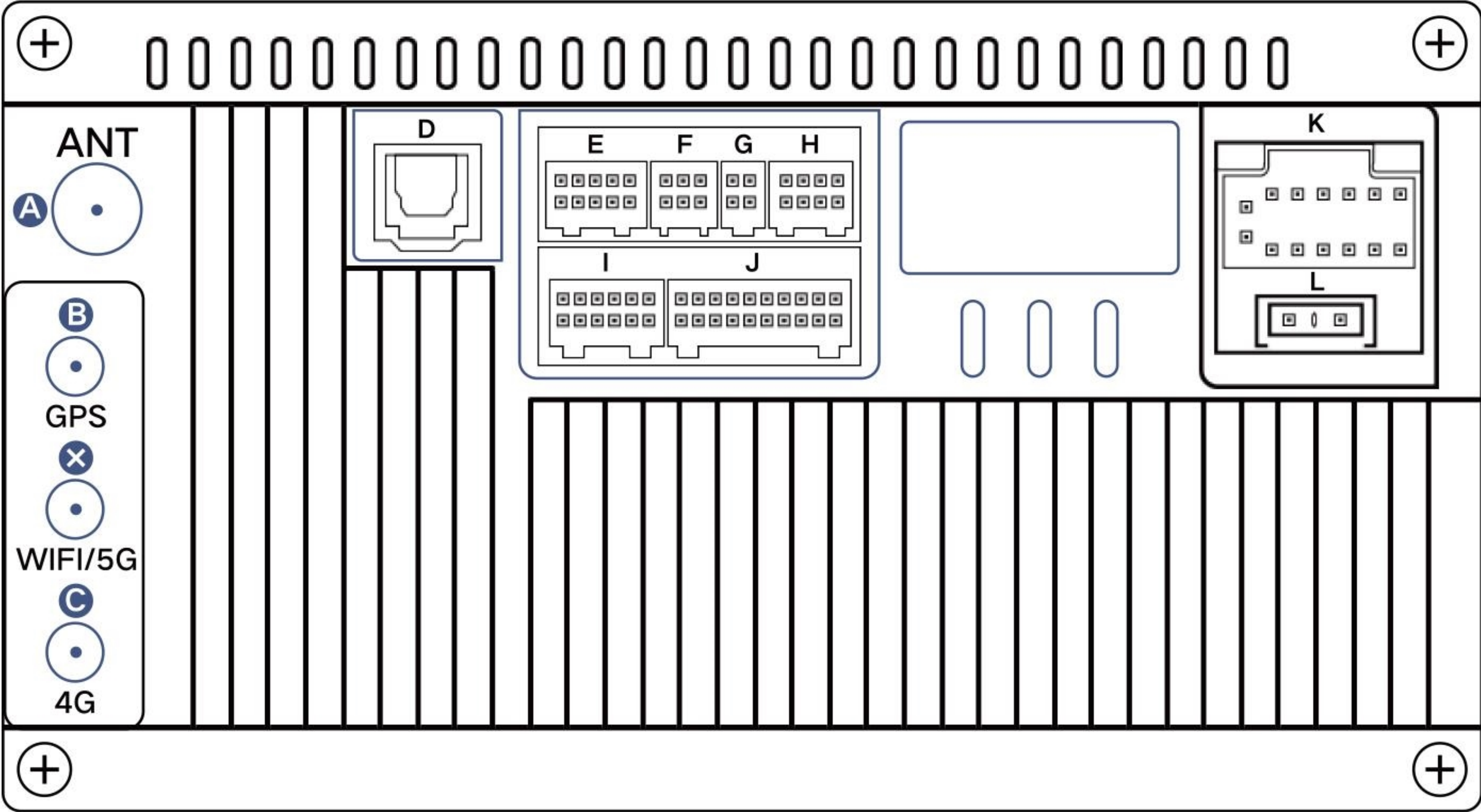
<div>1</div> <div></div> <div>1* CAN005-X Wire Harness</div>	<div>2</div> <div></div> <div>1*20 PIN Audio Cable</div>	<div>3</div> <div></div> <div>1*10 PIN CAM-IN &amp; Wifi Cable</div>	<div>4</div> <div></div> <div>1*4PIN USB</div>
<div>5</div> <div></div> <div>1*6PIN USB (OTG)</div>	<div>6</div> <div></div> <div>1*GPS Antenna</div>	<div>7</div> <div></div> <div>1*4G Antenna</div>	<div>8</div> <div></div> <div>1* External MIC</div>
<div>9</div> <div></div> <div>1*4PIN USB Adapter</div>	<div>10</div> <div></div> <div>2*User Manual</div>	<div>11</div> <div></div> <div>1*Cleaning Cloth</div>	<div>12</div> <div></div> <div>1*Tempered film</div>



# 2. Radio Wiring Diagram



1: GPS Antenna	2: 4G Antenna	3: 4PIN USB Input	4: 6PIN USB Input
5: 10PIN CAM-IN Line	6: SUB Output	7: VIDEO-IN-1	8: VIDEO-IN-2
9: AUX L Input	10: AUX R Input	11: RL Audio Output	12: RR Audio Output
13: FL Audio Output	14: FR Audio Output	15: 12V+ AMP CONT	16: External MIC
17: 4G SIM Slot	18: 16PIN Power Port	19: Wifi Antenna	20: FM/AM ANT



A: FM/AM ANT	E: 10PIN CAM-IN & Wifi	I : 360 Camera (opt)
B: GPS Antenna	F: 6PIN USB Cable	J : 20PIN Audio Cable
C: 4G Antenna	G: 4PIN USB Cable	K: 16PIN Power Cable
D: Optical OUT	H: 8PIN Canbus Port	L : 10A Fuse

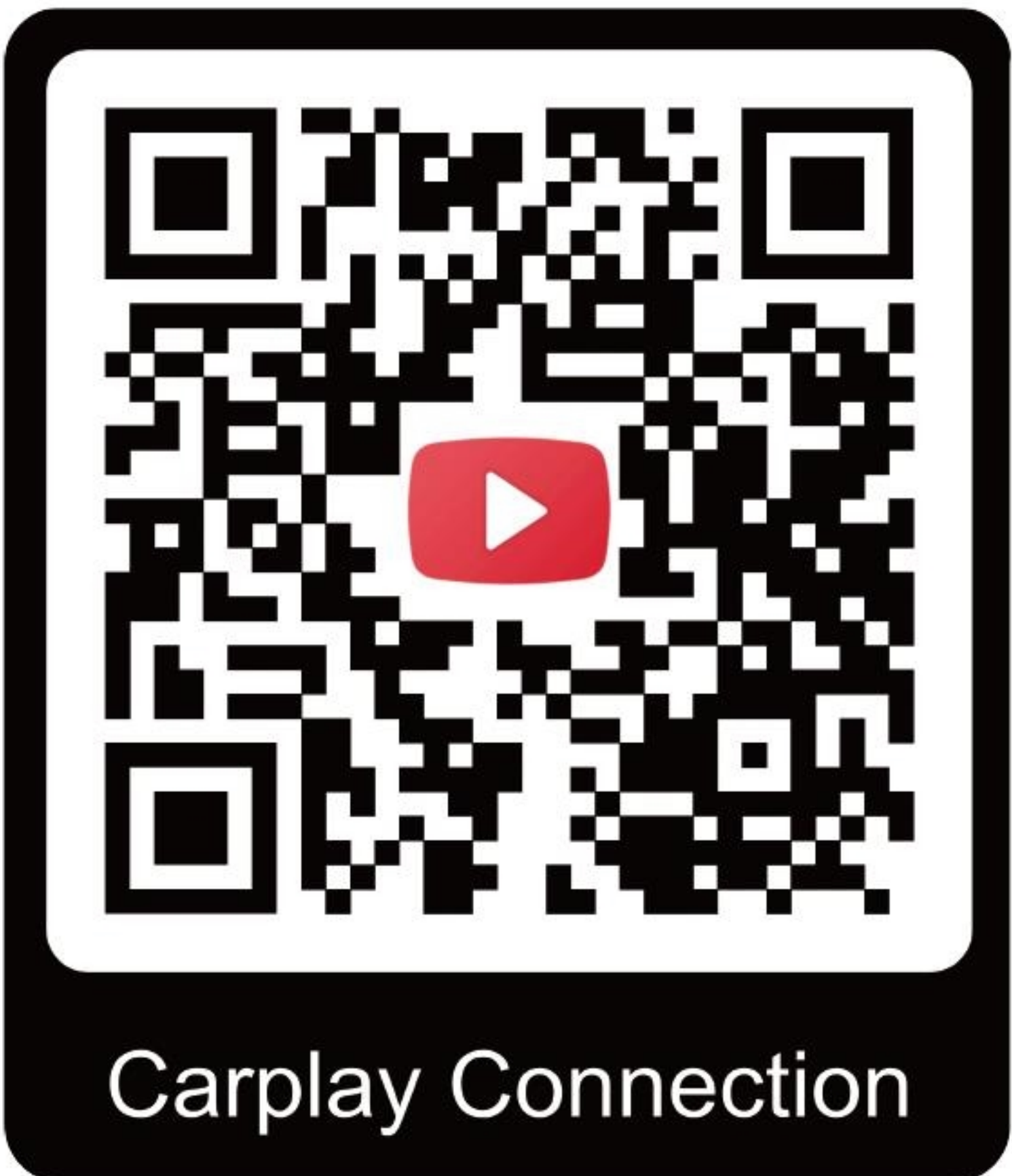


# 3. Video Tutorial

**3.1 Video:** How To Remove Toyota Tundra Factory Radio  
[https://www.youtube.com/watch?v=hn\\_3hqSdWjc](https://www.youtube.com/watch?v=hn_3hqSdWjc)



**3.2 Video:** How to Connect Apple Carplay or Mirror Link Wirelessly  
<https://www.youtube.com/watch?v=lu0o16m-96A>






### 3.3 Youtube Channel: ViaBecs Expert

<https://www.youtube.com/@viabecsexpert5681/playlists>



Access more tutorial videos with the TS10 version playlist



### ViaBecs Expert

@viabecsexpert5681 · 1.85K subscribers · 125 videos


Enjoy Your Drive, Enjoy ViaBecs Head Unit >

[amazon.com/viabecs](https://amazon.com/viabecs) and 2 more links

Customize channelManage videos


HomeVideosShortsPlaylistsCommunity

Created playlists



Head Unit Item


View full playlist



TS10 Version


Updated today

View full playlist




760B Version

View full playlist



OB2 Adapter

View full playlist



PX6 Version

View full playlist



# 4. Check Your Factory Radio

**Note:** If the wiring harness is not compatible with your car, please contact us to replace the correct wiring harness instead of returning the head unit.

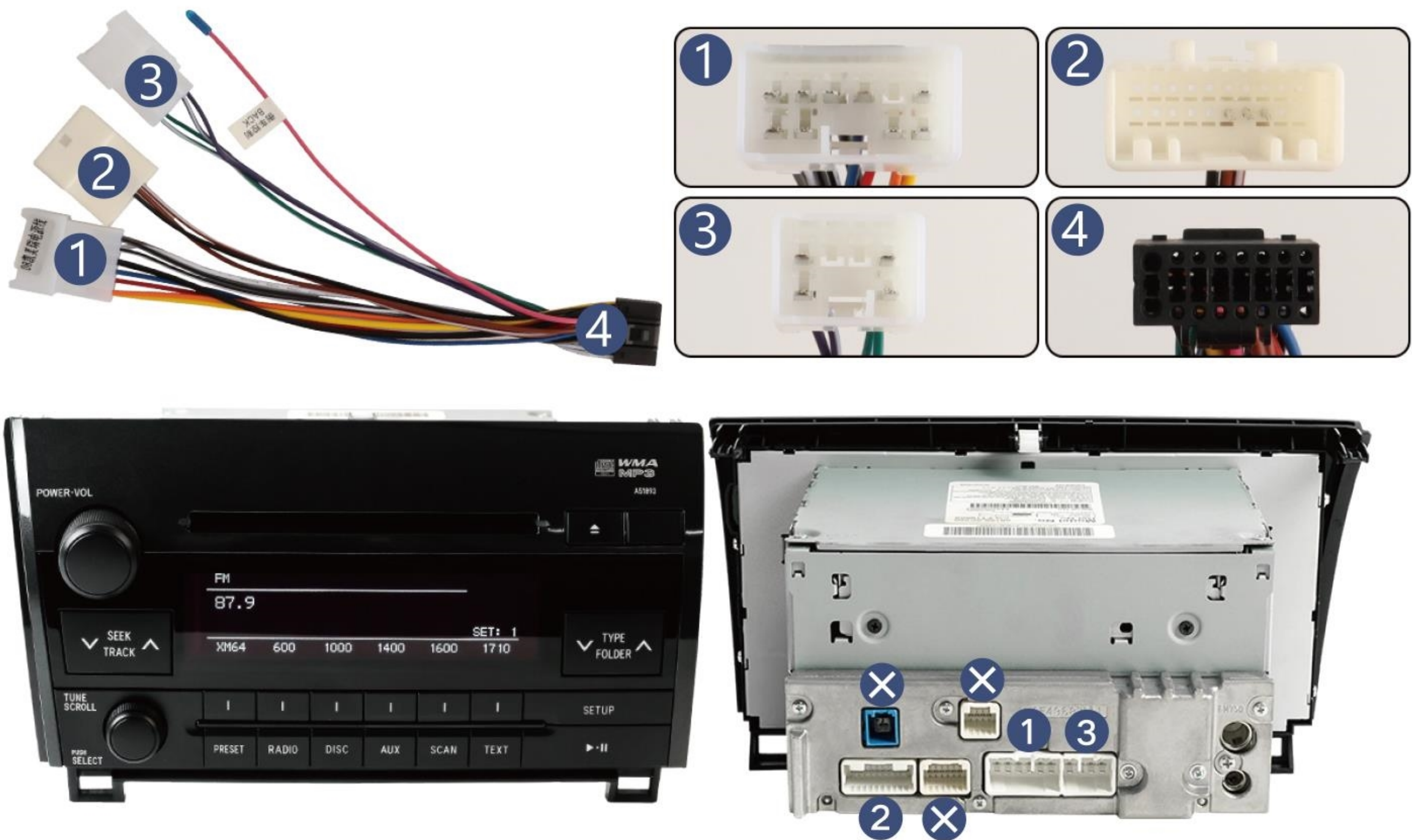
(XC004-1: B0CTK1C845, CAN005-X: B0CTH8XF5M, CAN004-X: B0BZ7YZDCV)

**SYFT7172L**

## 4.1 Model A: without JBL Amplifier & Backup Camera

**Compatibility with Original functionality:** Support steering wheel control

**Proper Wiring Harness:** XC004-1 (Included)

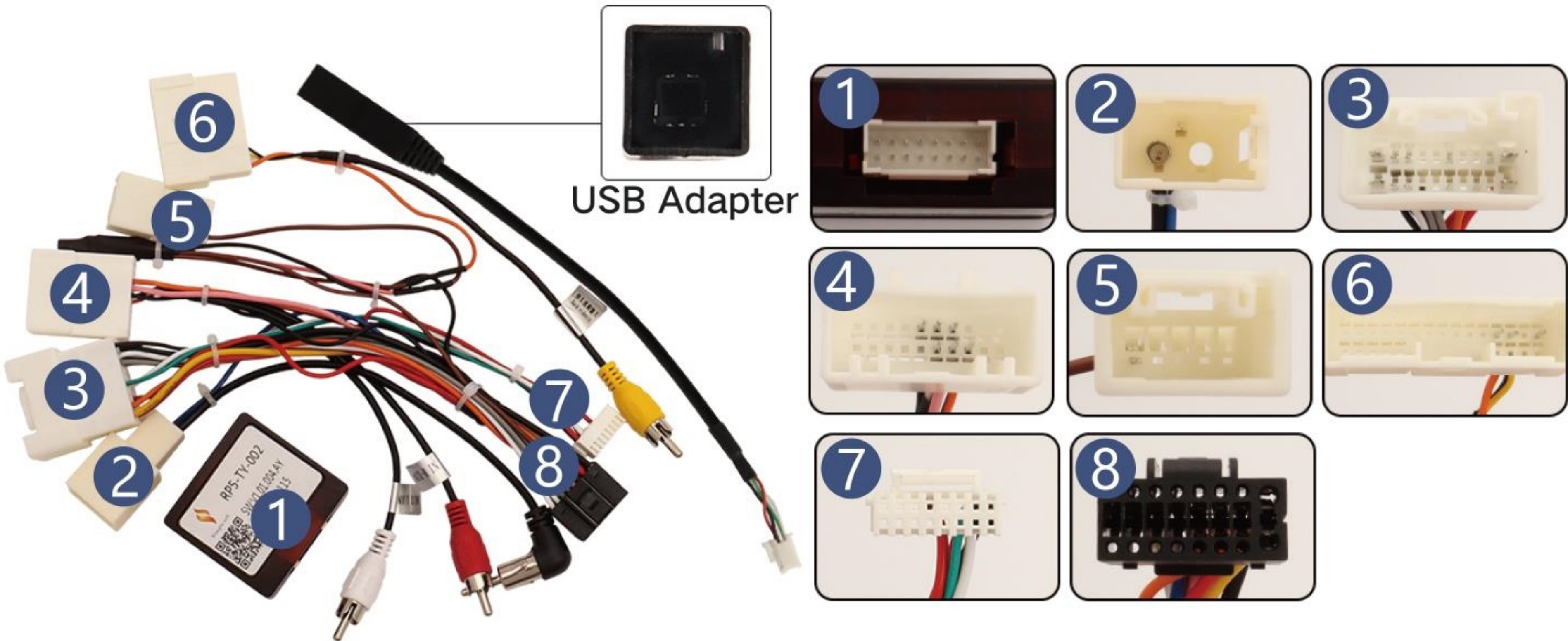




# SYFT7172M

## 4.2 Model B: with JBL Amplifier

**Compatibility with Original functionality:** Support JBL Amplifier, steering wheel control  
**Proper Wiring Harness:** CAN005-X (Included)

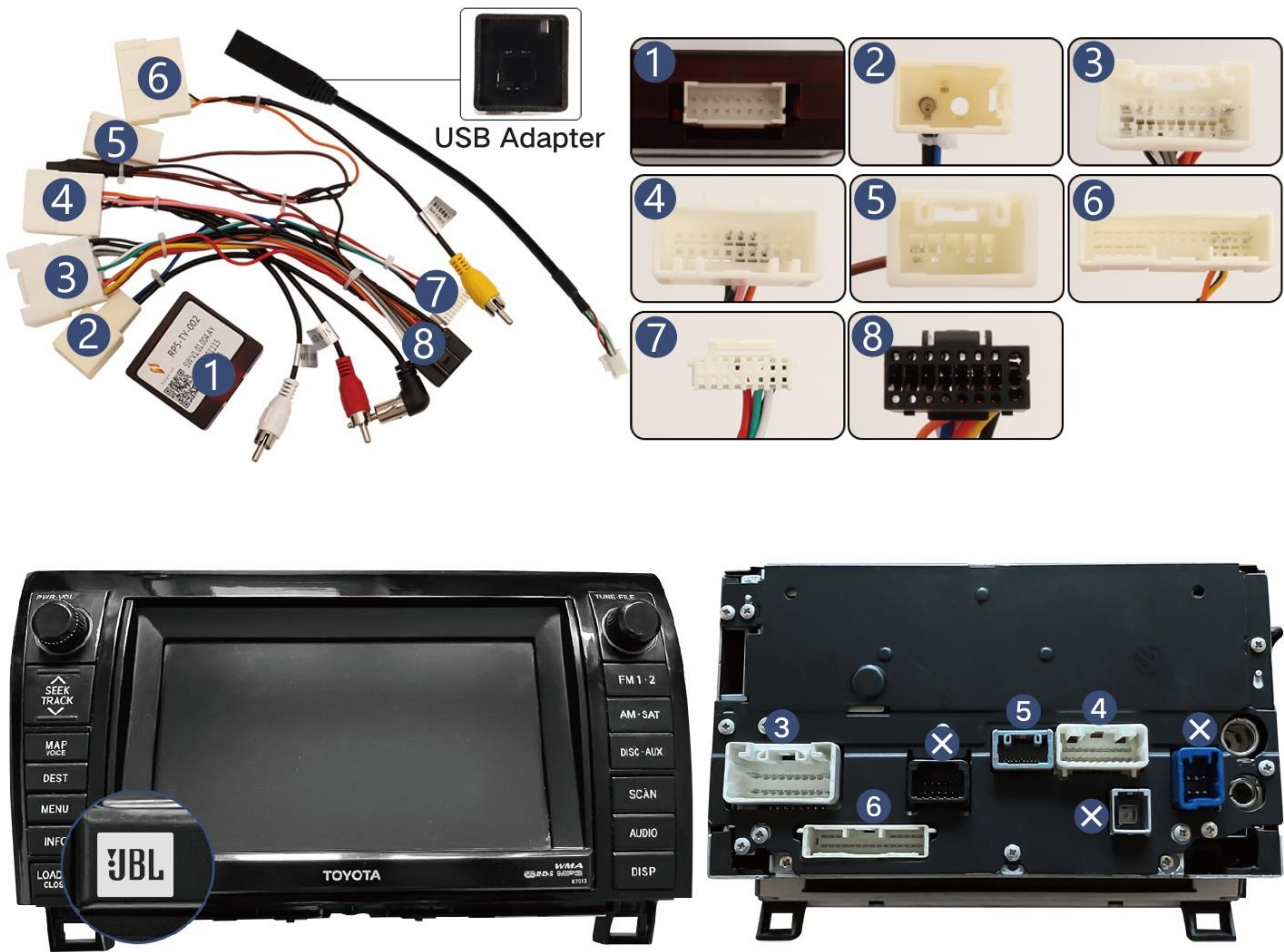




# SYFT7172M

## 4.3 Model C: with JBL Amplifier & Backup Camera

**Compatibility with Original functionality:** Support JBL Amplifier, backup camera, steering wheel control, USB cable  
**Proper Wiring Harness:** CAN005-X (Included)





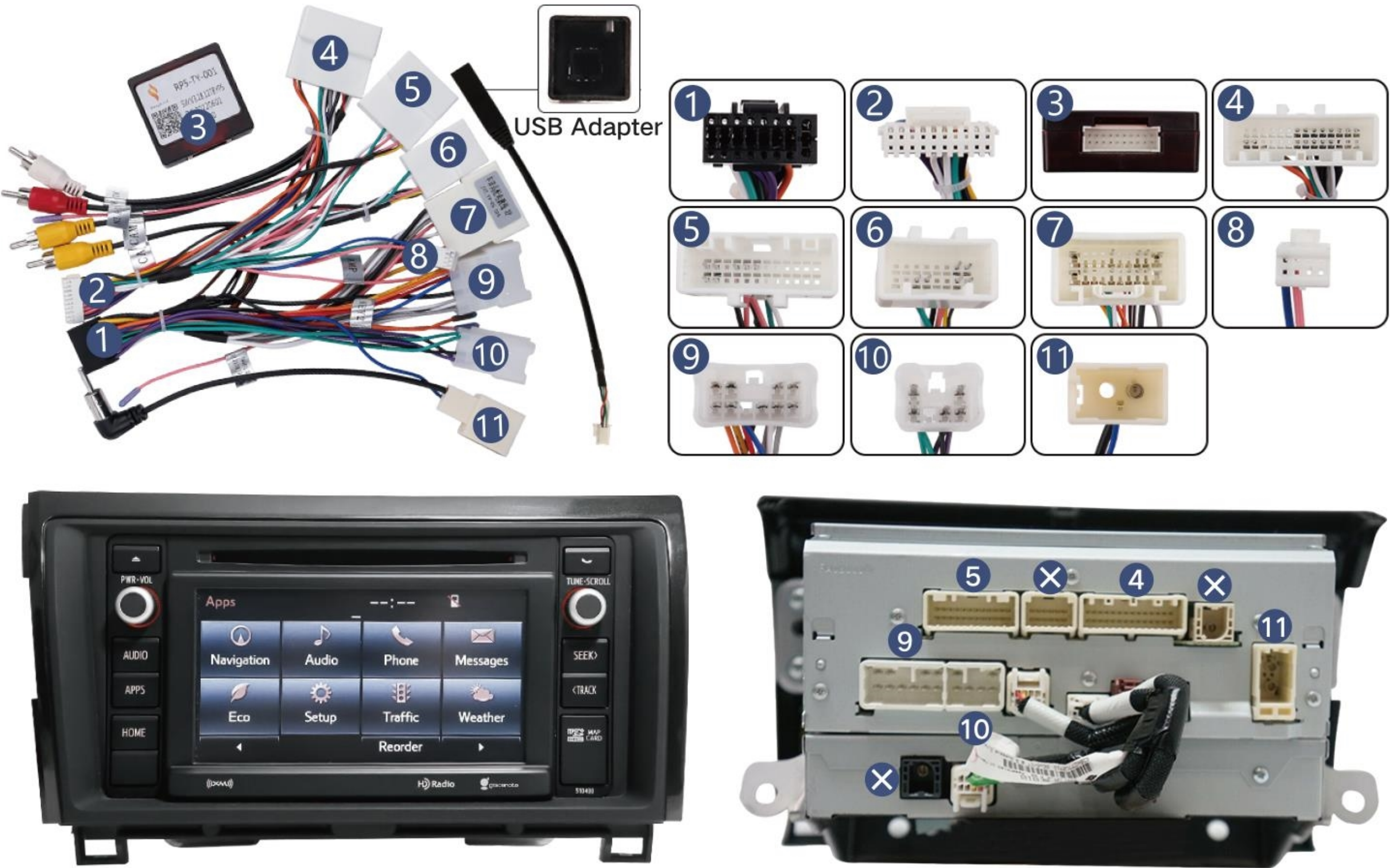
SYFT7172L

4.4 Model D: with JBL Amplifier & Backup Camera

**Compatibility with Original functionality:** Support JBL Amplifier, backup camera, steering wheel control, USB cable

**Proper Wiring Harness:** CAN004-X (No Included)

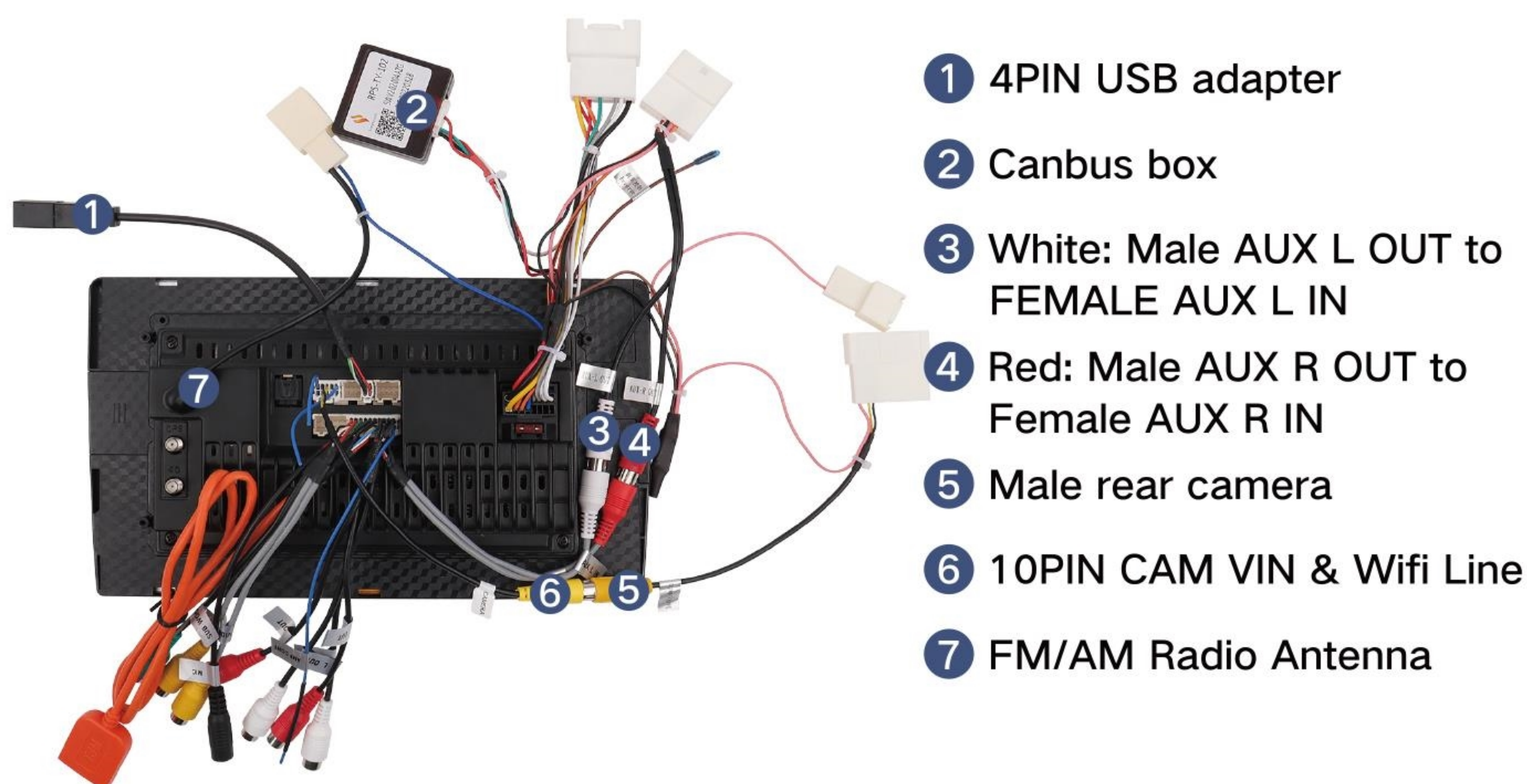
**Note:** You need to purchase CAN004-X harness separately.  
(Search for B0BZ7YZDCV)



5. CAN005-X Wiring Harness Connection

**Note:** Don ' t need to connect all factory connector.  
Some functions will lost after you removed the factory radio.





## 5.1 Factory Backup Camera Connection

**Step 1:** Connect the No.6 10PIN yellow female CAM-IN Line with the No.5 male camera VIN line of CAN005-X harness.

**Step 2:** Plug the 10PIN yellow female CAM-IN Line into the back of the head unit.

Please confirm if the car backup camera activates automatically when reversing.

## 5.2 Solutions for Steering Wheel Control Not Working (XC004-1 & CAN005-X)

You don't need to wire the KEY1 and KEY2 lines. Please remap the steering wheel control manually.

**Video:** Program Steering Wheel Control

<https://www.youtube.com/watch?v=0JMbb0pabLQ>





### 5.3 Canbus Option of XC004-1 & CAN005-X Harness

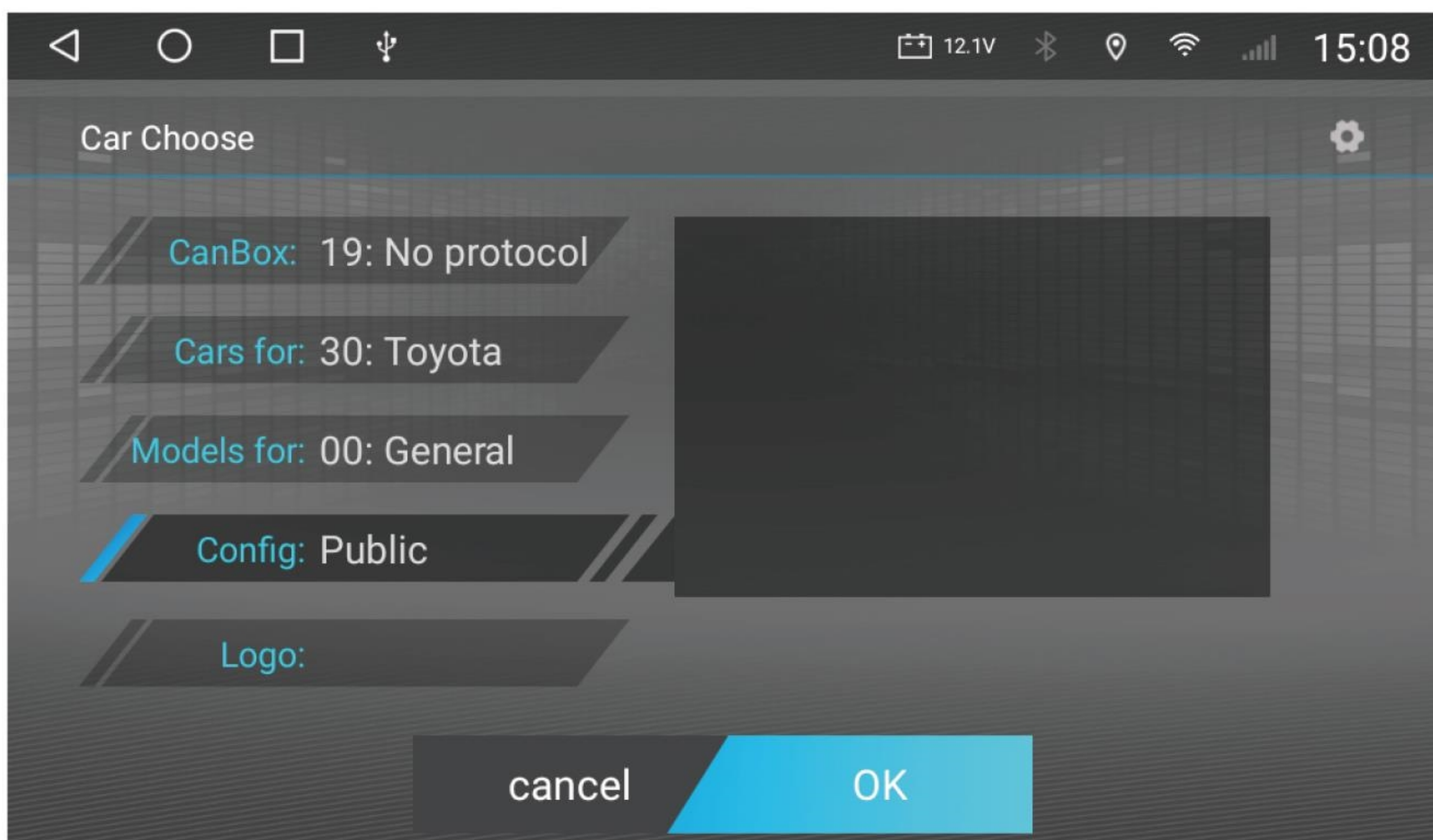
**Step 1:** Please check the canbus option.

**S1:** Connect the head unit with your Phone hotspot first.

Click Settings APP -- Factory -- password is 123456 -- Select Models.

**S2:** Canbus option: 19: No protocol -- 30: Toyota -- 00: General -- Public

Finally, press ok to save the settings. Then the head unit will update it automatically.



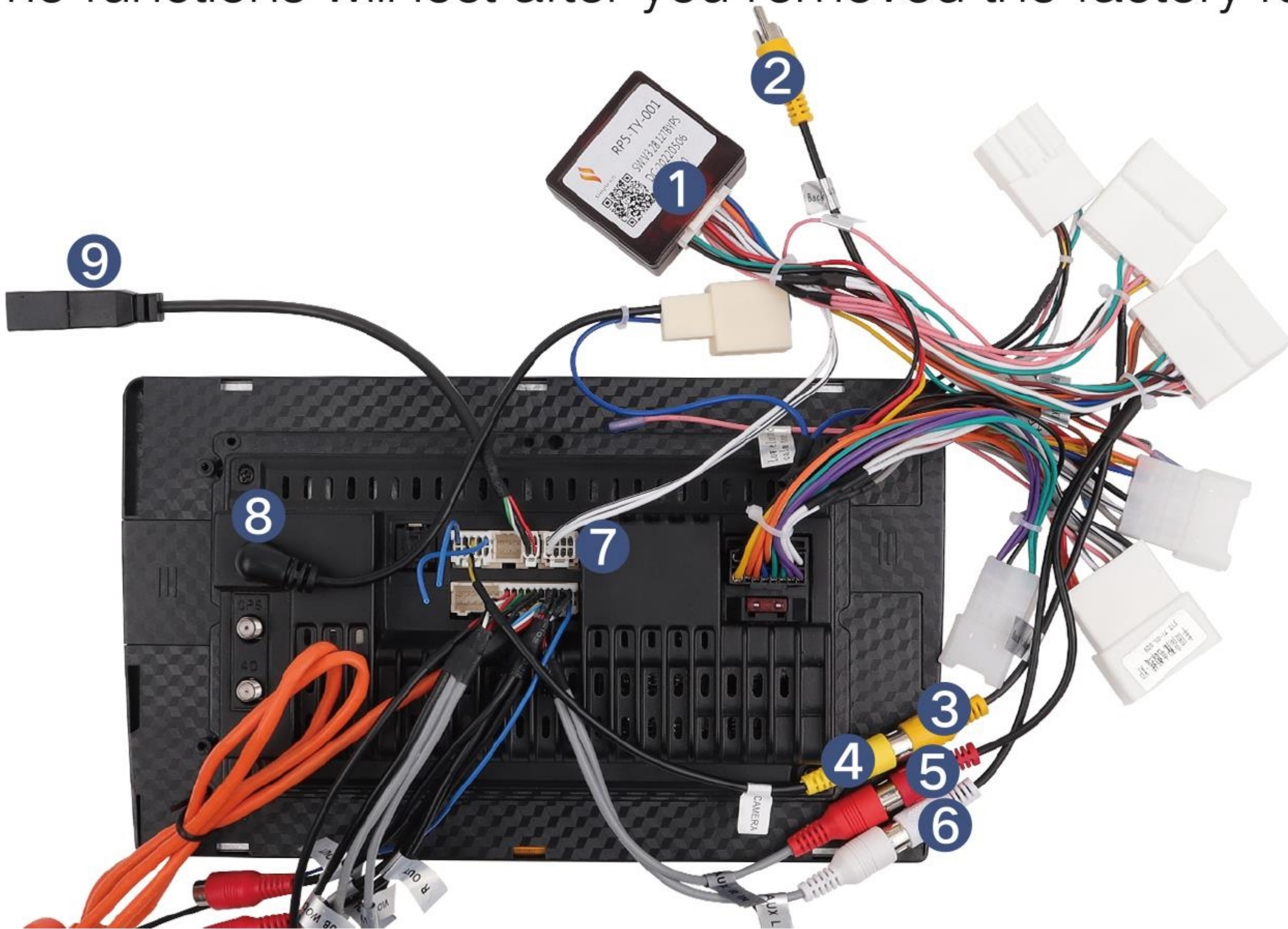


**Video:** Set up the Canbus Option.  
<https://www.youtube.com/watch?v=oRcBn3C6uns>



## 6. CAN004-X Wiring Harness Connection

**Note:** Don't need to connect all factory connector. Some functions will lost after you removed the factory radio.





- |  |  |
|--|--|
| ① Canbus box                             | ⑥ White: Male AUX L OUT to Female AUX L IN |
| ② Male rear camera (16PIN)               | ⑦ 8PIN Canbus Port                         |
| ③ Male rear camera (24PIN)               | ⑧ FM/AM Radio Antenna                      |
| ④ 10PIN CAM VIN & Wifi line              | ⑨ 4PIN USB adapter                         |
| ⑤ Red: Male AUX R OUT to Female AUX R IN |  |

**Note:** You need to connect one of NO.2 or No.3 male rear camera lines.

## 6.1 Factory Backup Camera Connection

**Step 1:** Connect the No.4 10PIN yellow female CAM-IN Line with the No.2 or No.3 male camera VIN line of the CAN004-X harness.

**Step 2:** Plug the 10PIN yellow female CAM-IN Line into the back of the head unit.

Please confirm if the car backup camera activates automatically when reversing.

**Note:** the CAN004-X harness has two male rear camera VIN lines from the 16PIN connector and the 24PIN connector. You only connect one of the yellow rear camera lines to 10PIN female camera line.

If the factory backup camera is not working, switch the No. 3 yellow RCA to the No.2 yellow RCA. Also, exchange the white plug.



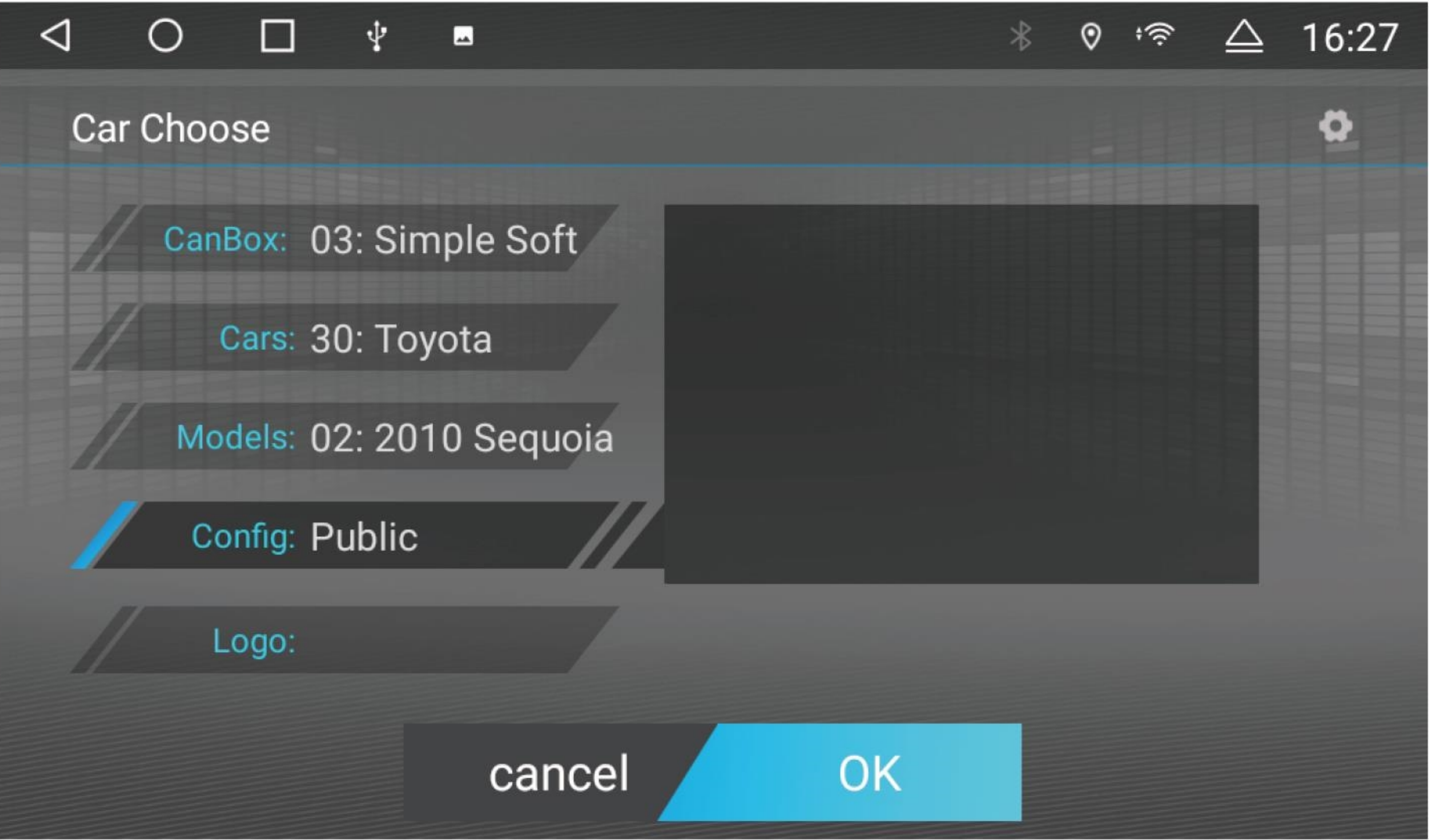
## 6.2 Solutions for Steering Wheel Control Not Working (CAN004-X)

**Step 1:** Please unplug and plug the No.1 canbus box and No.7 8PIN canbus plug.

**Step 2:** Please rechoose the canbus option.

**S1:** Connect the head unit with your Phone hotspot first. Click Settings APP -- Factory -- password is 123456 -- Select Models.

**S2:** Canbus option: 03: Simple Soft -- 30: Toyota -- 02: 2010 Sequoia -- Public  
Finally, press ok to save the settings. Then the head unit will update it automatically.

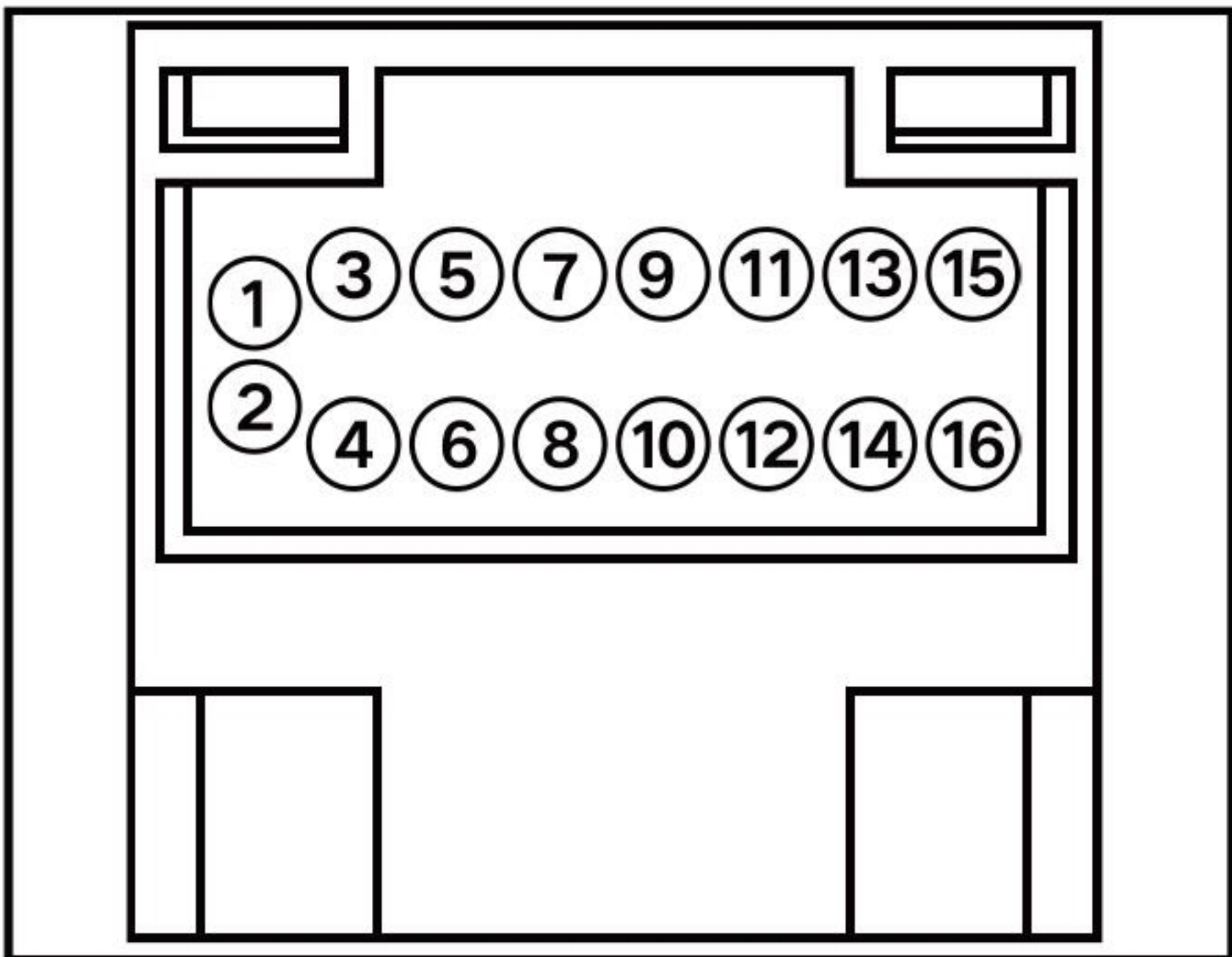




# 7. Solutions for Factory Rear Camera Not Working

#1 Factory backup camera doesn't activate in reverse. How to fix it?

1. If not, please ensure that the reverse connector is securely attached and the G5 reverse line is loose.



G1: GND

G2: B+

G3: ACC POWER

G4: ILL

G5: Reverse detection

G6: KEY2

G7: KEY1

G8: Factory radio antenna power

G9: FR-

G10: RL-

G11: FR+

G12: RL+

G13: FL-

G14: RR+

G15: FL+

G16: RR-

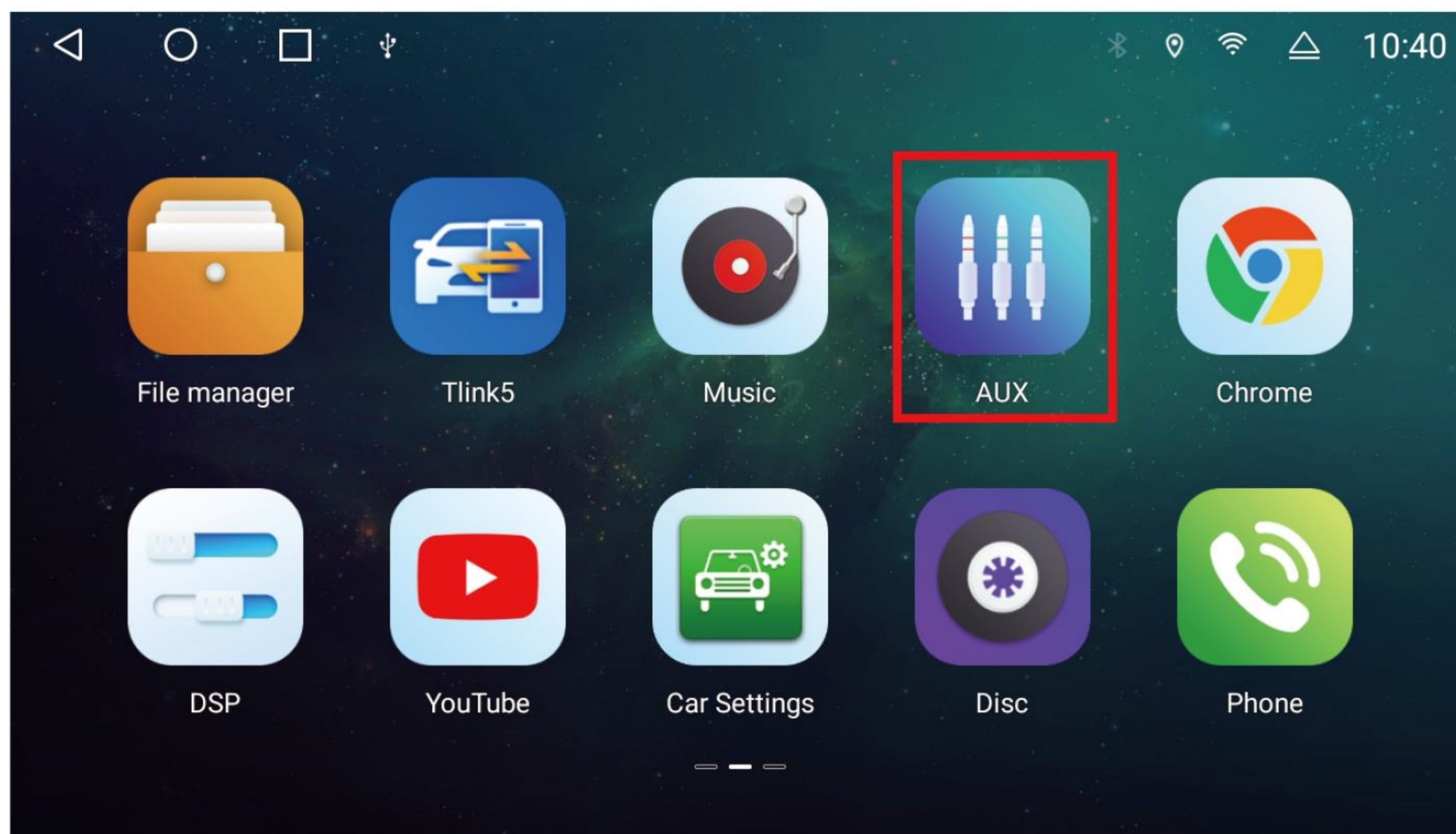
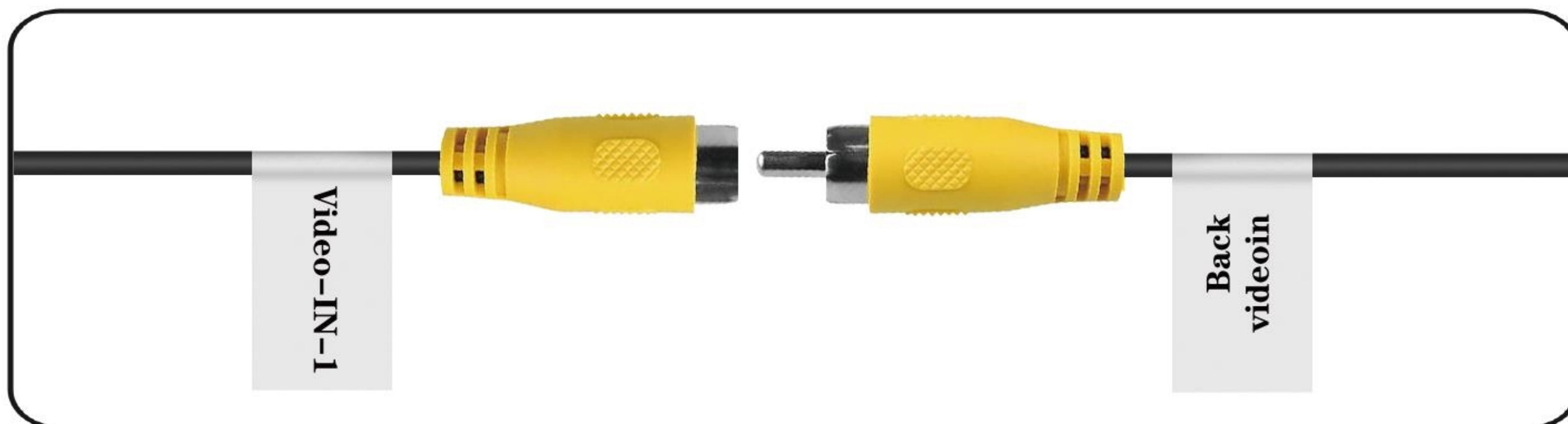
#2 Factory backup camera activates in reverse, but the image is black. How to fix it?

1. Go to Settings app -- Reverse -- Reverse System Selection. Choose NTSC or PAL, then reboot the head unit and test the backup camera again.

2. If the camera image is still black, connect the male CAM IN line to female Video-IN-1 or CVBS-IN-1 line of 20P Audio Cable. Open AUX app to check camera image.



- If the camera image is displayed in the AUX app, the 10PIN CAM VIN line may be broken.
- If the image is still not displayed, the CAN004-X harness may be broken.
- Provide your full name, shipping address, and phone number for a replacement line.



## 8.Aftermarket Backup Camera Connection

**Video:** How to Connnect aftermarket Backup Camera  
<https://www.youtube.com/watch?v=f5DnMd-l8vU>

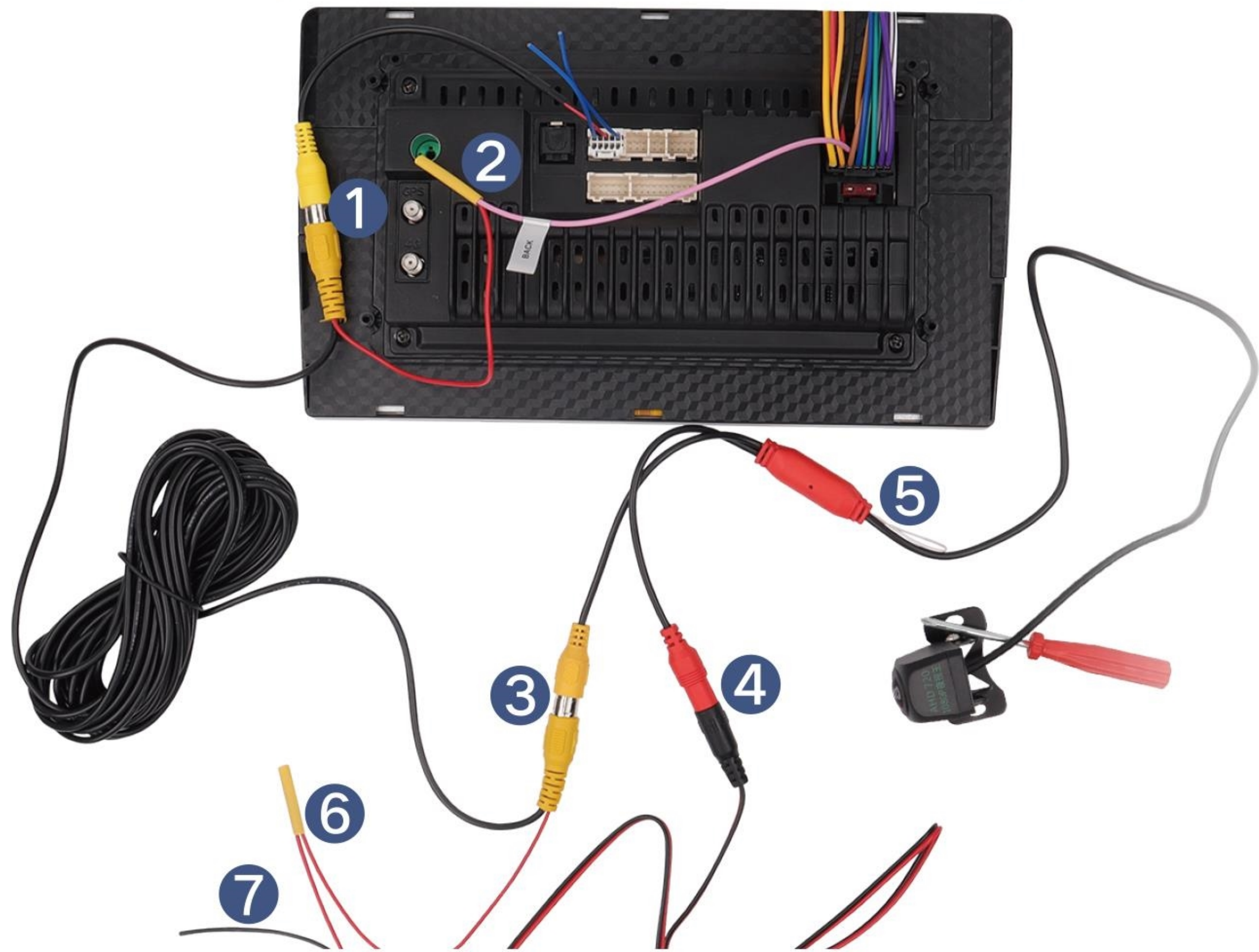




**STEP 1:** Please follow the instructions below to connect the reversing camera first.

# Guide to Connecting ViaBeCs CA-729AHD Reversing Camera

(Backup camera is not included)





- 1

Connect to Camera Input of car stereo or monitor
- 2

Reverse line or back line
- 3

Connect to the backup camera
- 4

Power cable
- 5

Switch 720P and 1080P  
(Cut white line, switch to 1080P)
- 6

Red: Both connect to car backup light + 12V
- 7

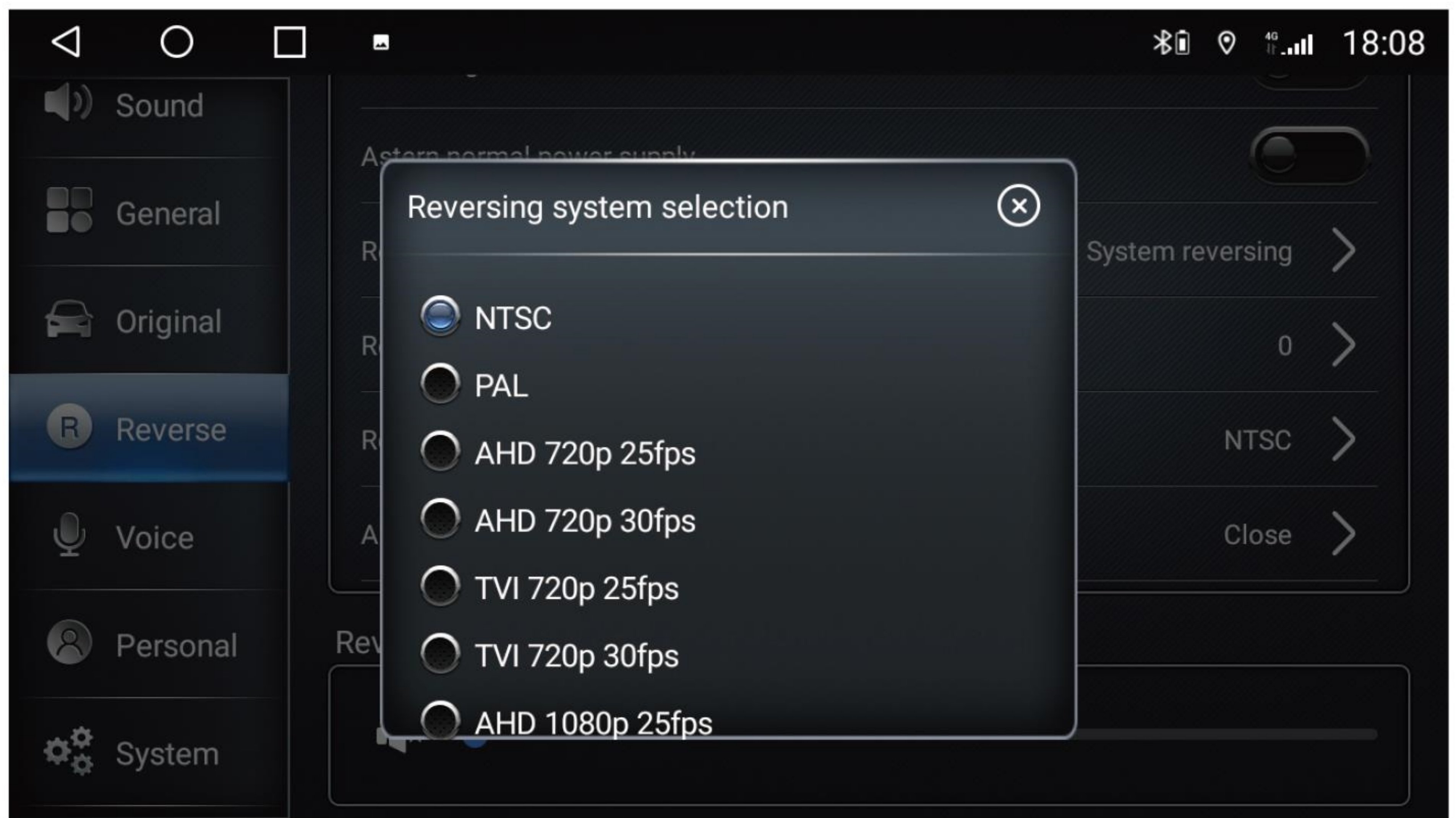
Black: Connect to the GND of the car backup light

Note: If your monitor or car stereo doesn't support AHD 1920\*1080P, please don't cut 5 white line.

STEP 2: Set up camera format

Problem: Why my backup camera image is black when I put the car in reverse?

Please confirm the resolution of your camera first.  
Go to Settings -- Reverse -- Reversing system selection  
1) If your camera is not HD, please choose **NTSC or PAL**.  
2) If your camera is an HD version, please select the corresponding rear view format  
Then test the backup camera again after you reboot the head unit.





## 9.TS10 Head Unit FAQs

**Q1: What is the Factory Setting Password?**

**A:** The password is: 123456 or 8888

**Q2: What is the Reset factory?**

**A:** The password is: 7890

**Q3: How to change the KPH to MPH?**

**A:** Please click Theme app -- Setting -- Plugin -- Speed Unit.

From there, you have the option to switch between KPH and MPH.

**Video:** How To Change Car Launcher Theme In ViaBecs Car Stereo

<https://www.youtube.com/watch?v=HXSJWJOeRbew>

**Q4: When the following situations occur, please review the settings of the Navigation Application.**

**Case 1:** Listening to my message through Apple CarPlay, I had to turn the volume up a lot. When I switched back to FM, it was so loud.

**Case 2:** The volume is too low when Siri speaks.

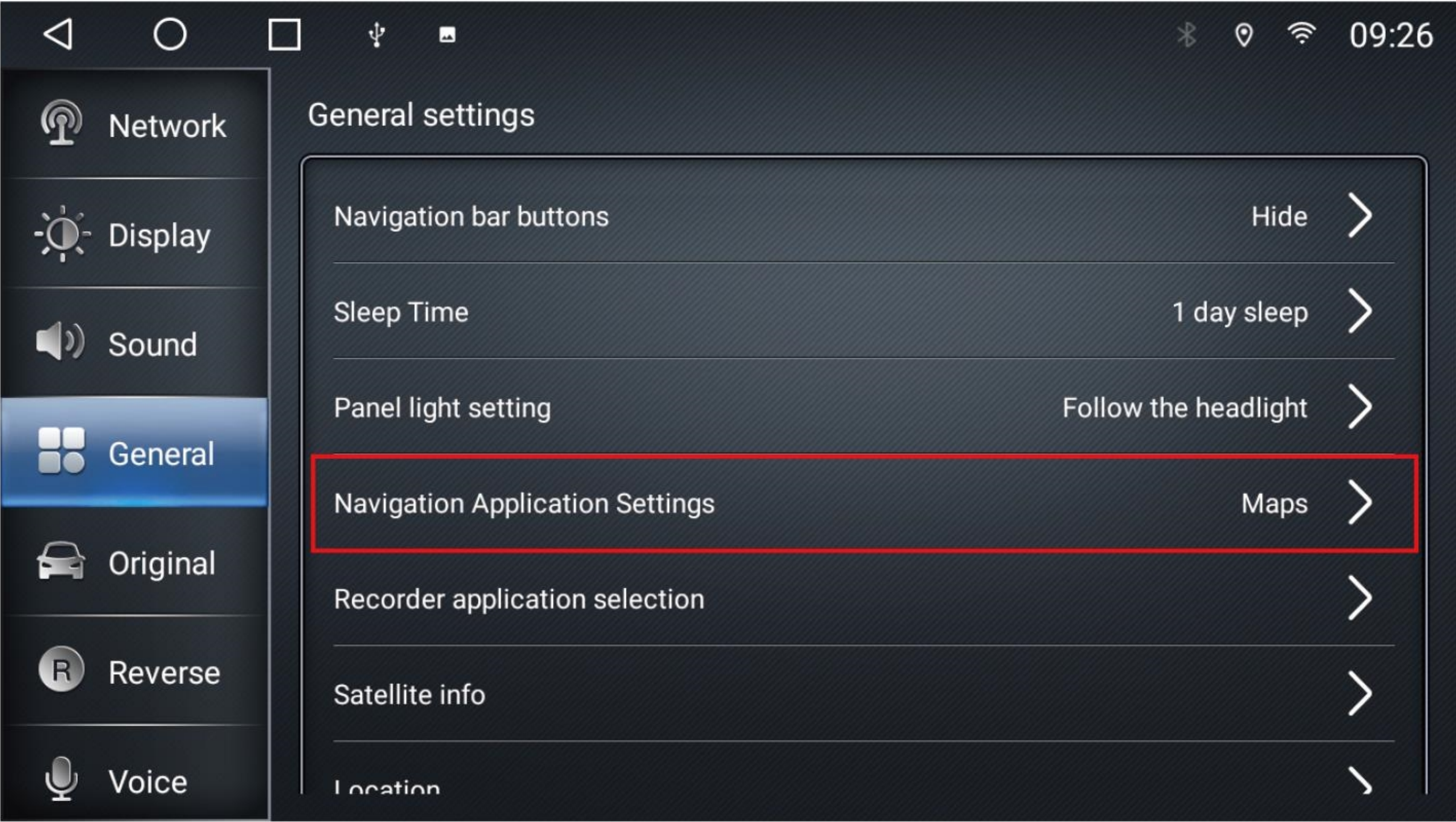
**Case 3:** The aftermarket subwoofer is working when the radio is on but not when Apple carplay is on.

**A:** Settings APP--General--Navigation Application Settings -- Google Maps or another maps app

**Video:** How to Choose Map APP as Navigation Application

<https://www.youtube.com/watch?v=J8sqPj1NI08>

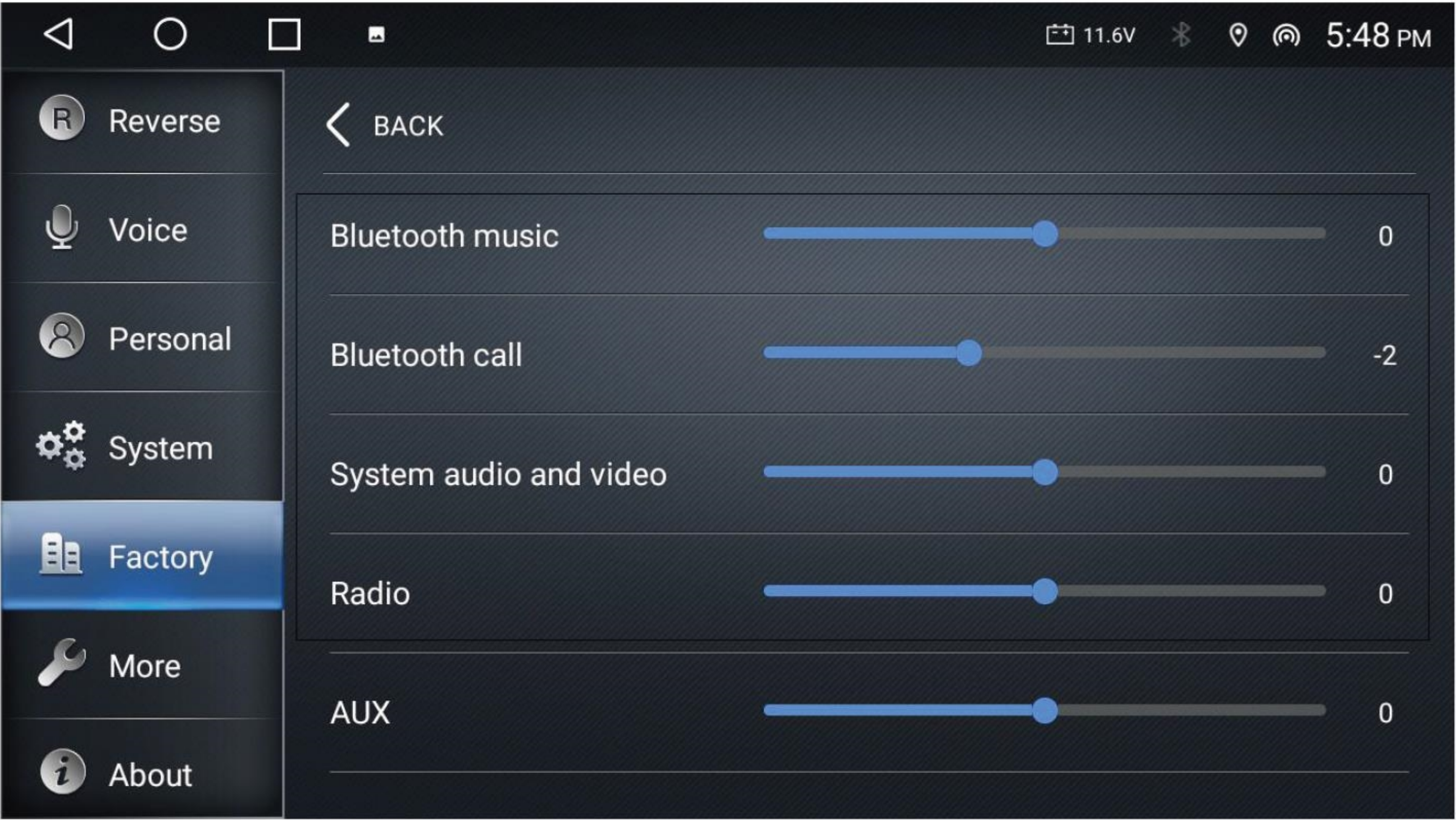




**Q5:** The stereo isn't very loud even at full volume is there a setting to raise the output?

**A:** How to adjust the volume of "system audio and video"

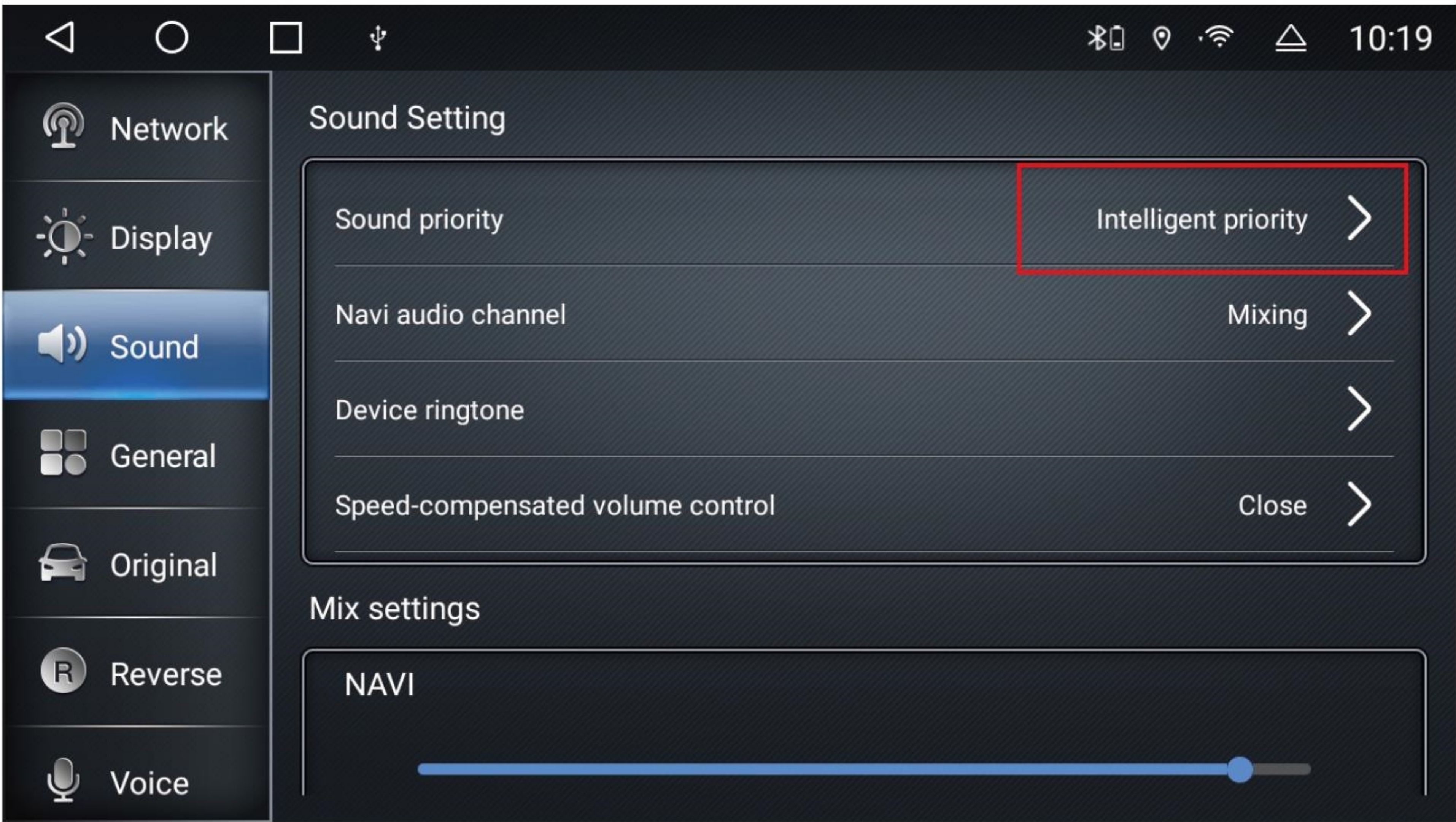
Please click settings app -- factory -- password 123456 -- channel balance.





**Q6:** If I engage Siri or touch an iMessage Siri icon animates but there is no sound reading the message.

**A:** Settings APP -- Sound -- Sound setting -- Sound priority -- Intelligent priority.



**Q7:** The audio quality is mono and only comes from the front speakers.

**A:** Settings APP -- Sound -- Sound Setting -- Navi audio channel -- Mixing

**Q8:** How do I update the ViaBecs TS10 software?

**A:** You can update the system and MCU online. Please connect your home wifi first.  
and then open the Settings APP -- About -- Detection Update.

**Video:** How To Update Firmware Online  
<https://www.youtube.com/watch?v=0BABIjvTllw>



### **Q9: How To Change Boot Logo On ViaBecs Android Head unit Car Stereo?**

**A: Video:** How To Change Boot Logo

<https://www.youtube.com/watch?v=izVcfczZK7U>

### **Q10: How to remap panel button on ViaBecs car stereo?**

**A: Video:** How to remap panel button of head unit

<https://www.youtube.com/watch?v=V05wCEH2NRU>

### **Q11: How to fix Android car radio touch screen not working?**

**A: Video:** Calibrating Car Stereo Touch Screen

<https://www.youtube.com/watch?v=D-LrqsBTcO4>

### **Q12: How to activate Tlink for Apple car play & Android Auto?**

**A: Video:** How to Use Apple Carplay or Mirror Link Wirelessly

<https://www.youtube.com/watch?v=lu0o16m-96A>

**S1.** In order to activate Tlink for initial use, you must connect to a Wi-Fi network.

Here are the steps:

- 1) Please drop down the Quick Setting Menu.
- 2) Long-press the Wi-Fi icon to enable it.
- 3) Proceed to connect to your phone's hotspot or home wifi initially.

**Note:** Prior to proceeding, ensure to clear the usage record of Tlink.



## **S2.** Reinstall Tlink APP

- 1) You can uninstall the Tlink app if it is still not activated. To proceed, press and hold the app for 3 to 5 seconds to delete it.
- 2) Reinstall the Tlink app through the Dofun Play app. Afterward, restart the head unit to test it once more.

**Video:** Reinstalling Tlink app on the TS10 head unit  
<https://www.youtube.com/watch?v=ALbyKlo9jlo>

**S3.** If Tlink requests the auth\_key, kindly capture a clear photo of the QR activation code and send it to us. Our engineer will then activate it by scanning the code.

- 1) Open the Tlink app and navigate to "About."
- 2) Select the first option (Wireless Carplay + Wireless Android Auto + Wired Android Auto) and tap "refresh" to obtain a new QR code.
- 3) Take a photo of the new code and forward it to me promptly. Please note that the code may expire if not used promptly.