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ViaBecs SYFT7172 Tundra Radio User Manual














What's in the Box?



Model: SYFT7172M













Head Unit

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



Model: SYFT7172M

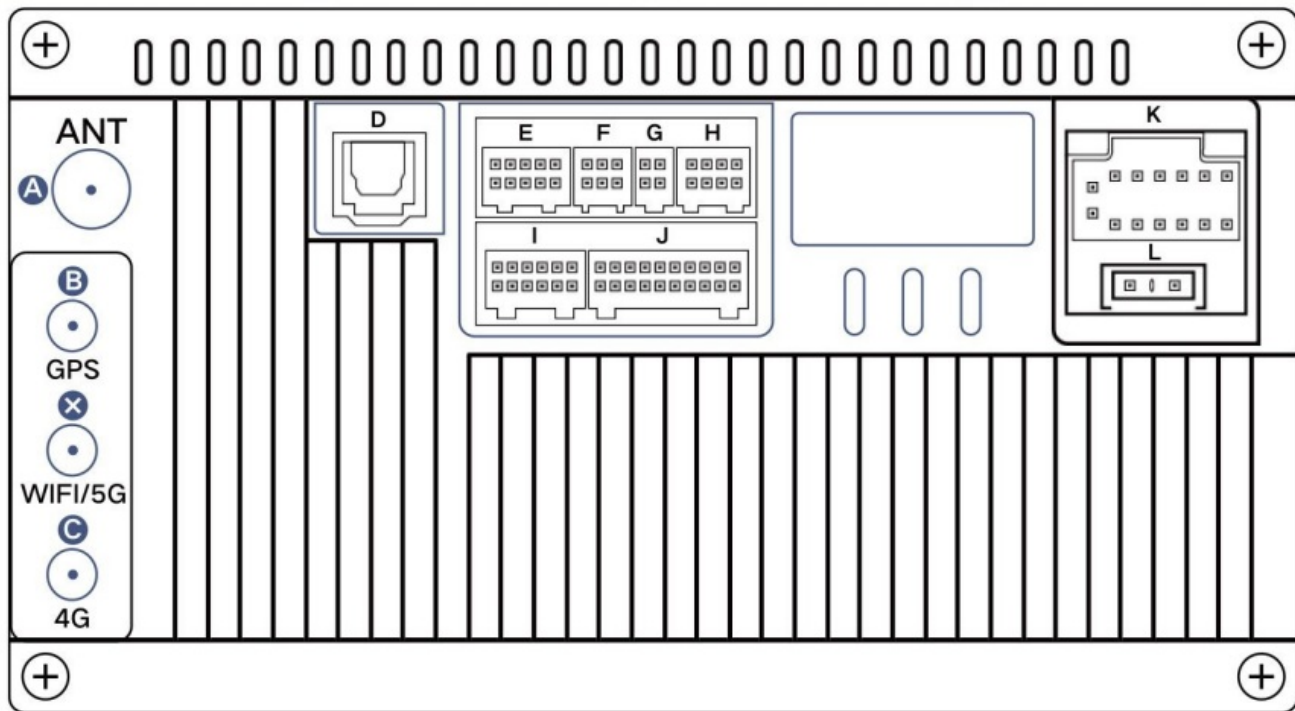
Head Unit

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

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

B: GPS Antenna

C: 4G Antenna

D: Optical OUT

E: 10PIN CAM-IN & Wifi

F: 6PIN USB Cable

G: 4PIN USB Cable

H: 8PIN Canbus Port

i: 360 Camera (opt)

J: 20PIN Audio Cable

K: 16PIN Power Cable

L: 10A Fuse

Video Tutorial

Video: How To Remove a Toyota Tundra Factory Radio

https://www.youtube.com/watch?v=hn_3hqSdWjc



Video: How to Connect Apple Carplay or Mirror Link Wirelessly

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



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 and 2 more links
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Home Videos Shorts **Playlists** Community

Created playlists

- Head Unit Item
View full playlist
- TS10 Version**
Updated today
View full playlist
- 760B Version
View full playlist
- OBD2 Adapter
View full playlist
- PX6 Version
View full playlist

Check Your Factory Radio

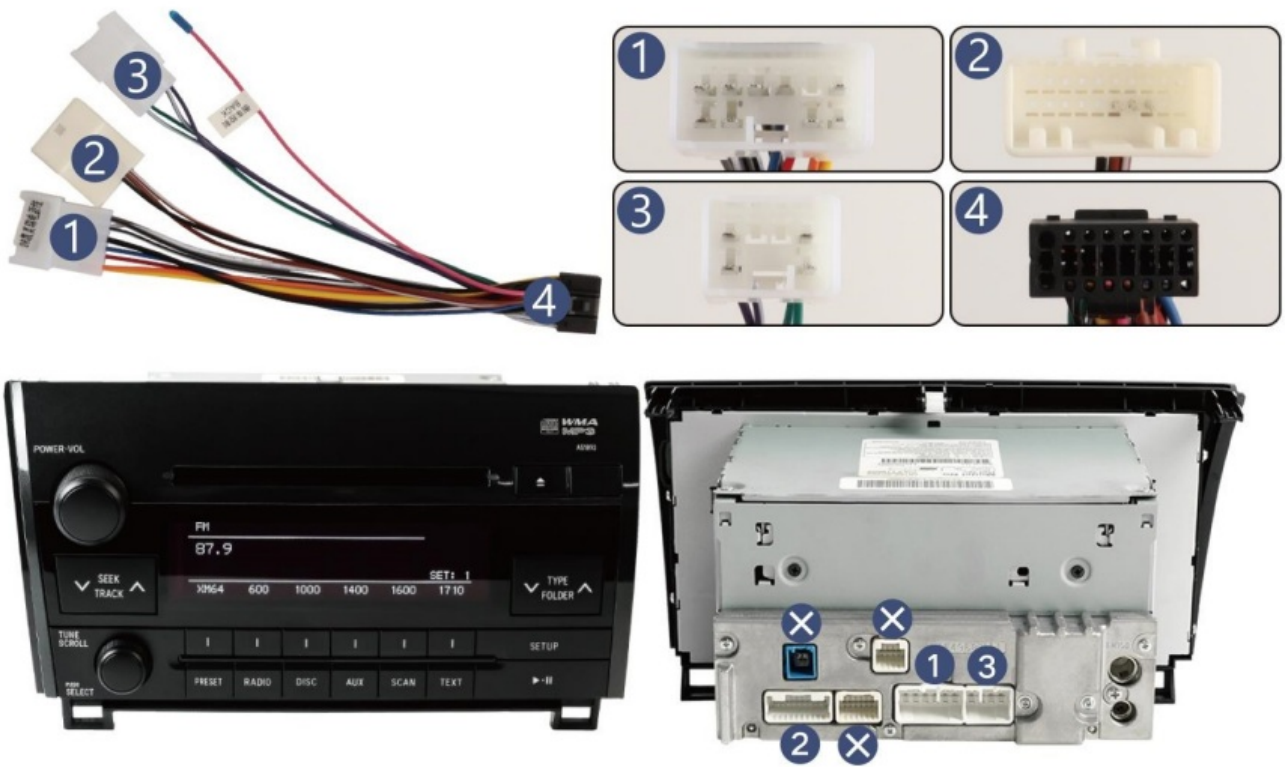
Note: If the wiring harness is not compatible with your car, please contact us to replace the correct wiring harness instead of returning the head unit.

(XC004-1: BOCTK1C845, CANO05-X: BOCTH8XF5M, CANO04-X: BOBZ7YZDCV)
SYFT7172L

Model A: without JBL Amplifier & Backup Camera

Compatibility with Original functionality: Support steering wheel control

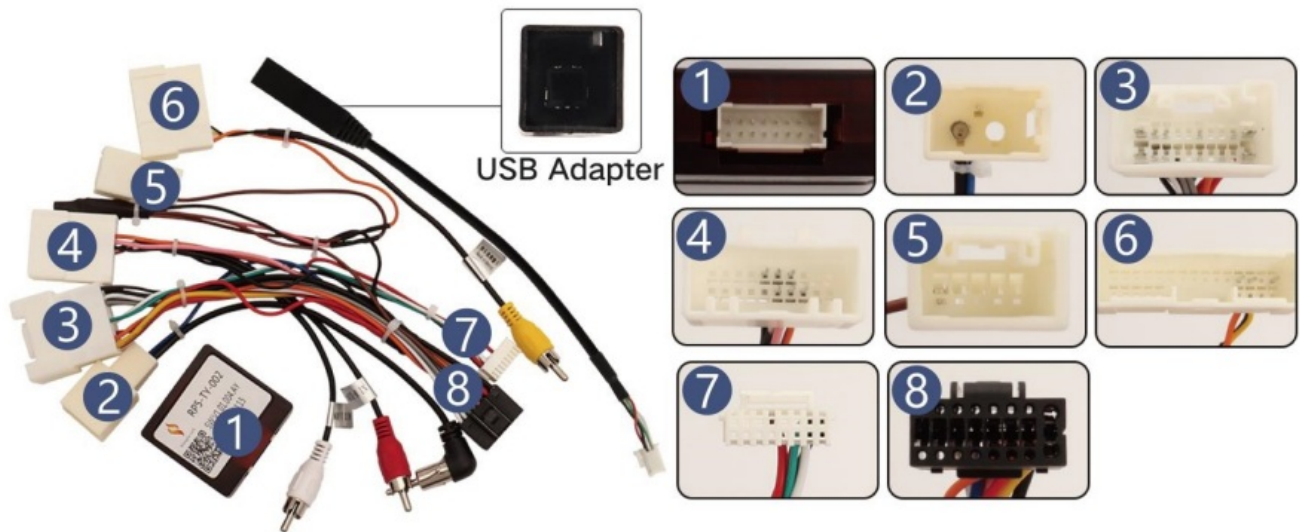
Proper Wiring Harness: XC004-1 (Included)



Model B: with JBL Amplifier

Compatibility with Original functionality: Support JBL Amplifier, steering wheel control

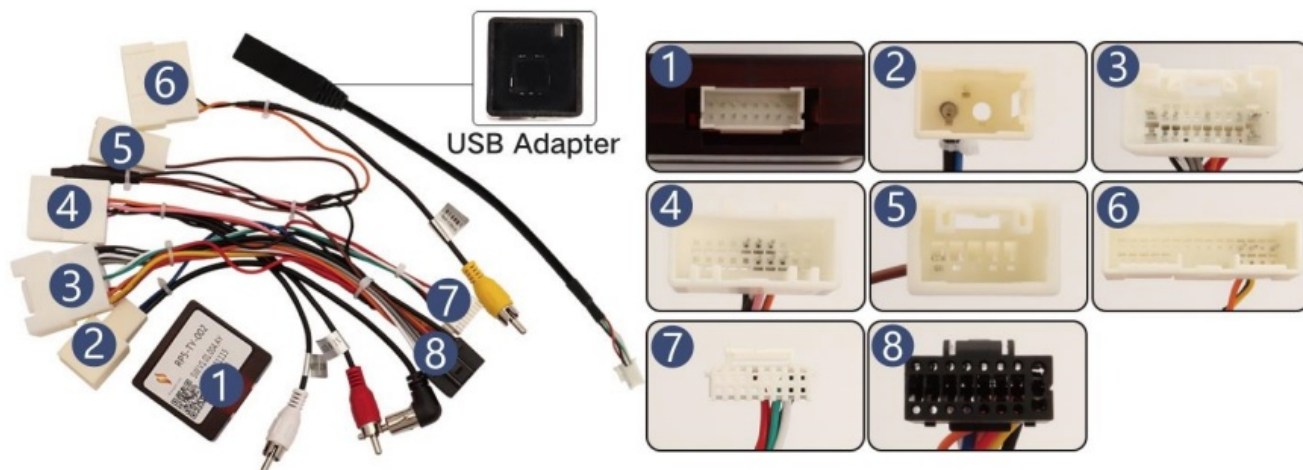
Proper Wiring Harness: CANO05-X (Included)



Model C: with JBL Amplifier & Backup Camera

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

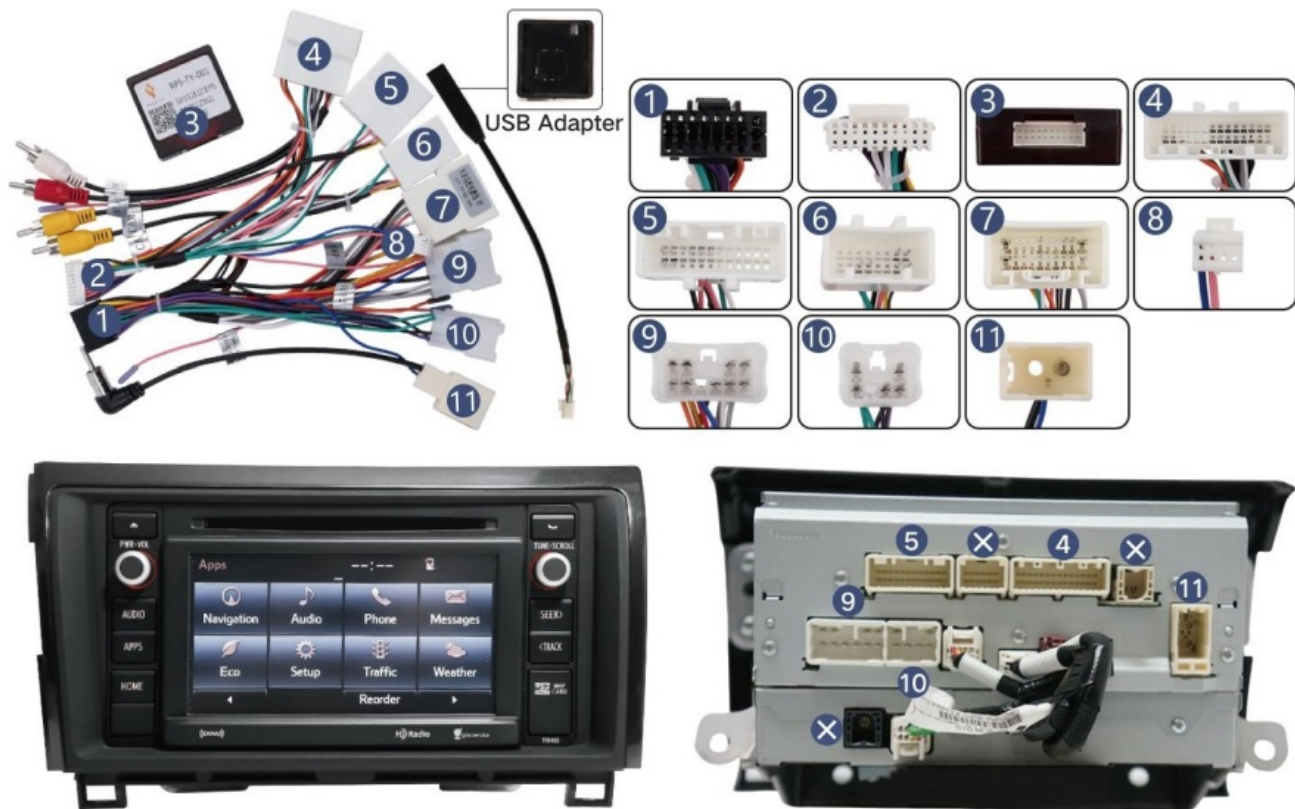
Proper Wiring Harness: CANO05-X (Included)



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 (Not Included)



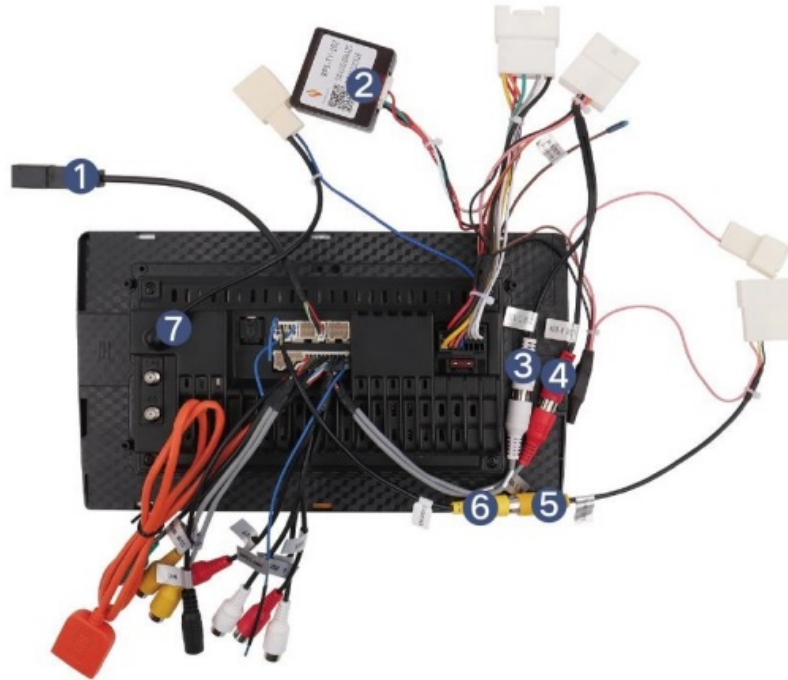
Note: You need to purchase CANO04-X harness separately. (Search for B0BZ7YZDCV)

CAN005-X Wiring Harness

Connection

Note: Don't need to connect all factory connectors.

Some functions will be lost after you remove the factory radio.



1. PIN USB adapter
2. Canbus box
3. White: Male AUX L OUT to FEMALE AUX L IN
4. Red: Male AUX R OUT to Female AUX R IN
5. Male rear camera
6. 10PIN CAM VIN & Wifi Line
7. FM/AM Radio Antenna

Factory Backup Camera Connection

Step 1: Connect the No.6 10-pin yellow female CAM-IN Line with the No.5 male camera VIN line of the CANO05-X harness.

Step 2: Plug the 10-pin yellow female CAM-IN Line into the back of the head unit. Please confirm if the car's backup camera activates automatically when reversing.

Solutions for Steering Wheel Control Not Working

(XC004-1 & CANO05-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>



Canbus Option of XC004-1 & CAN005-X Harness

Step 1: Please check the canbus option.

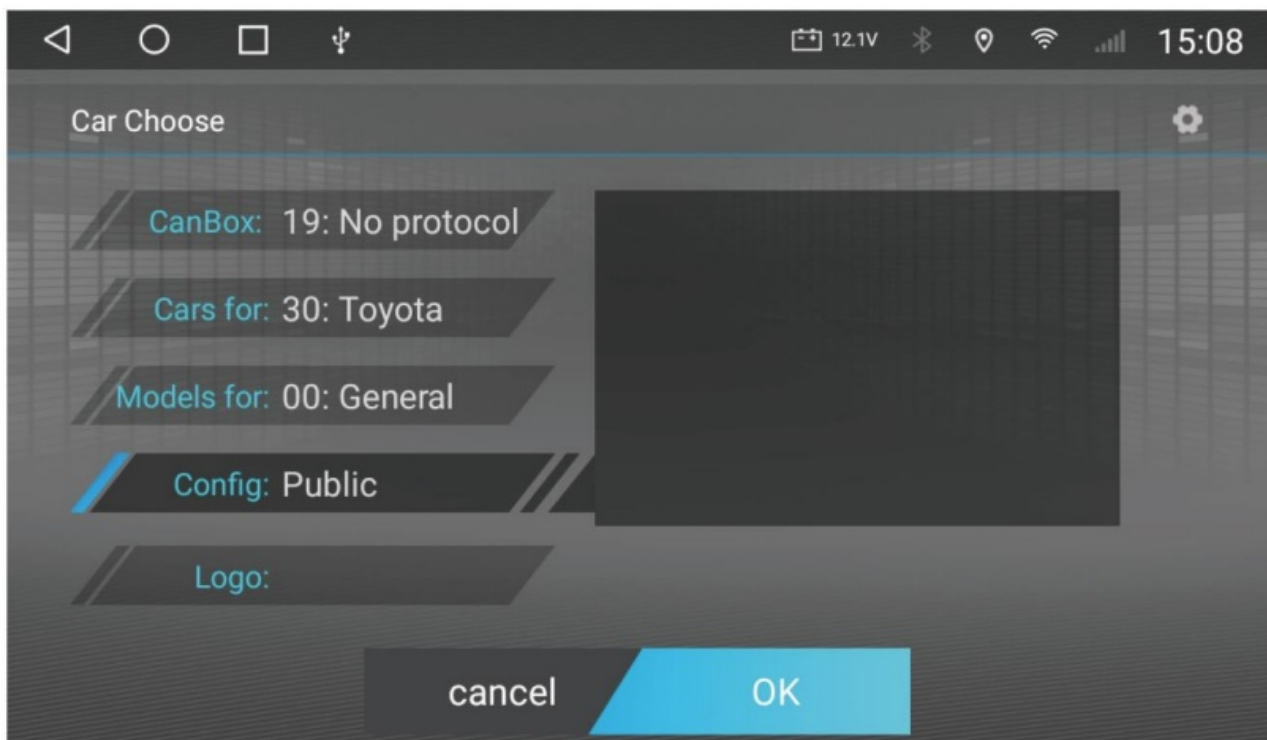
S1: Connect the head unit with your Phone hotspot first.

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 CAN bus option.

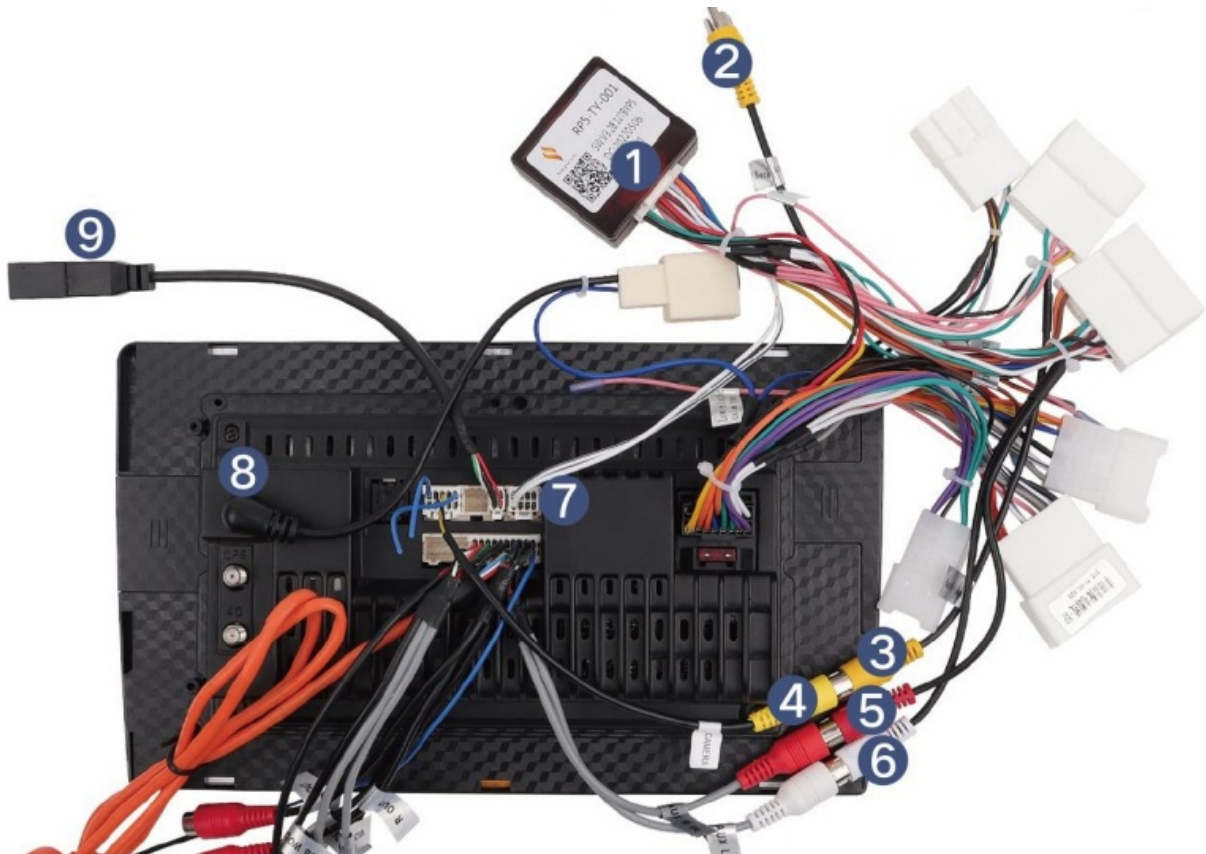
<https://www.youtube.com/watch?v=oRcBn3C6uns>



CANO04-X Wiring Harness

Connection

Note: Don't need to connect all factory connectors. Some functions will be lost after you remove the factory radio.



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

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

Factory Backup Camera Connection

Step 1: Connect the No.4 10-pin yellow female CAM-IN Line with the No.2 or No.3 male camera VIN line of the CANO04-X harness.

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

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

Note: the CANO04-X harness has two male rear camera connections, VIN lines from the 16-pin connector, and the 24-pin connector. You only connect one of the yellow rear camera lines to the 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.

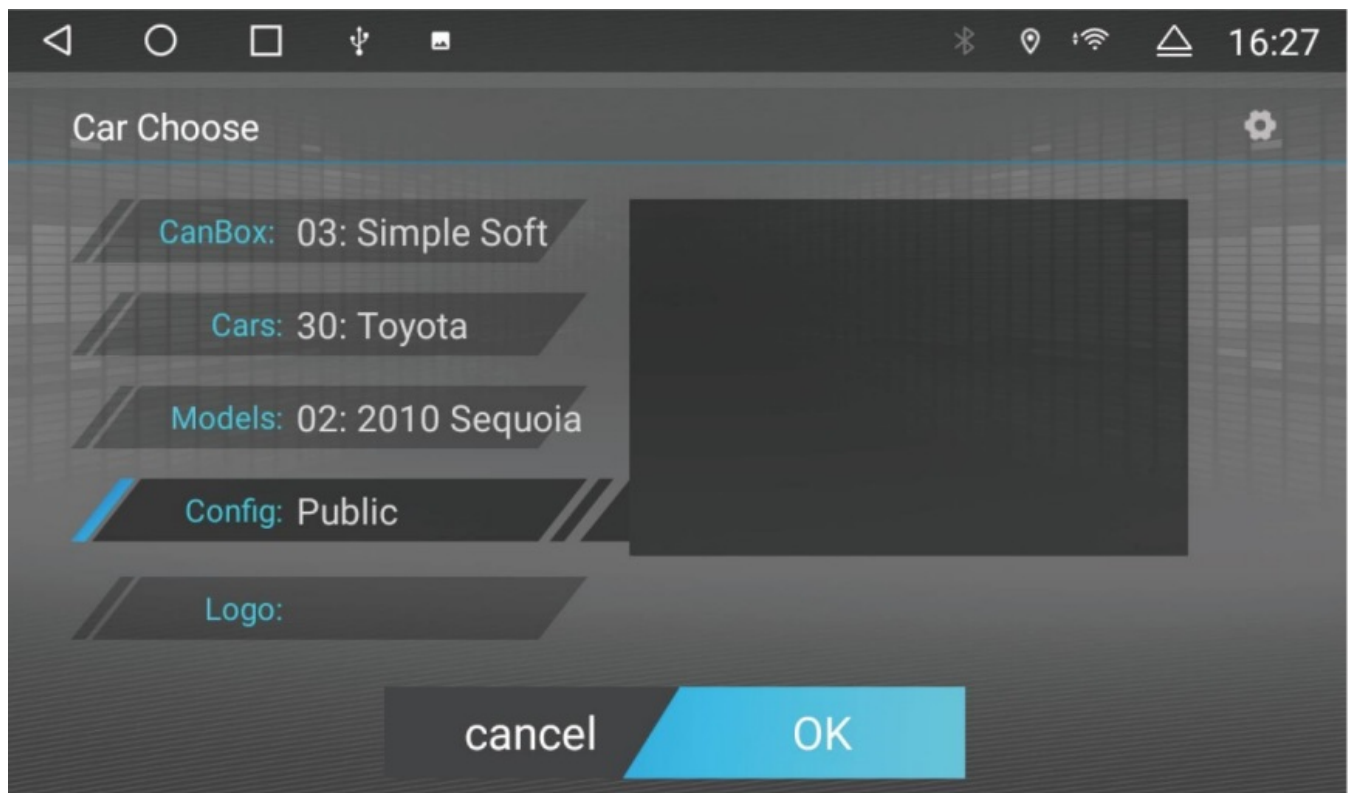
Solutions for Steering Wheel Control Not Working (CANO04-X)

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.

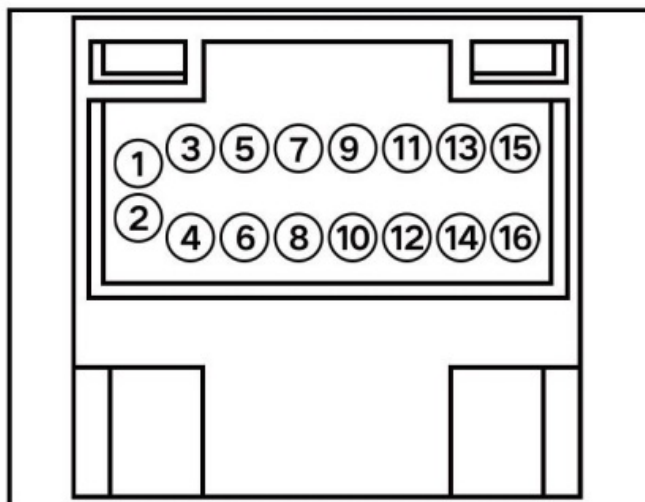


Solutions for Factory Rear Camera Not Working

The 1 Factory backup camera doesn't activate in reverse.

How to fix it?

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



- G1: GND
- G9: FR-
- G2: B+
- G10: RL-

- G3: ACC POWER
- G11: FR+
- G4: ILL
- G12: RL+
- G5: Reverse detection
- G13: FL-
- G6: KEY2
- G14: RR+
- G7: KEY1
- G15: FL+
- G8: Factory radio antenna power
- G16: RR-

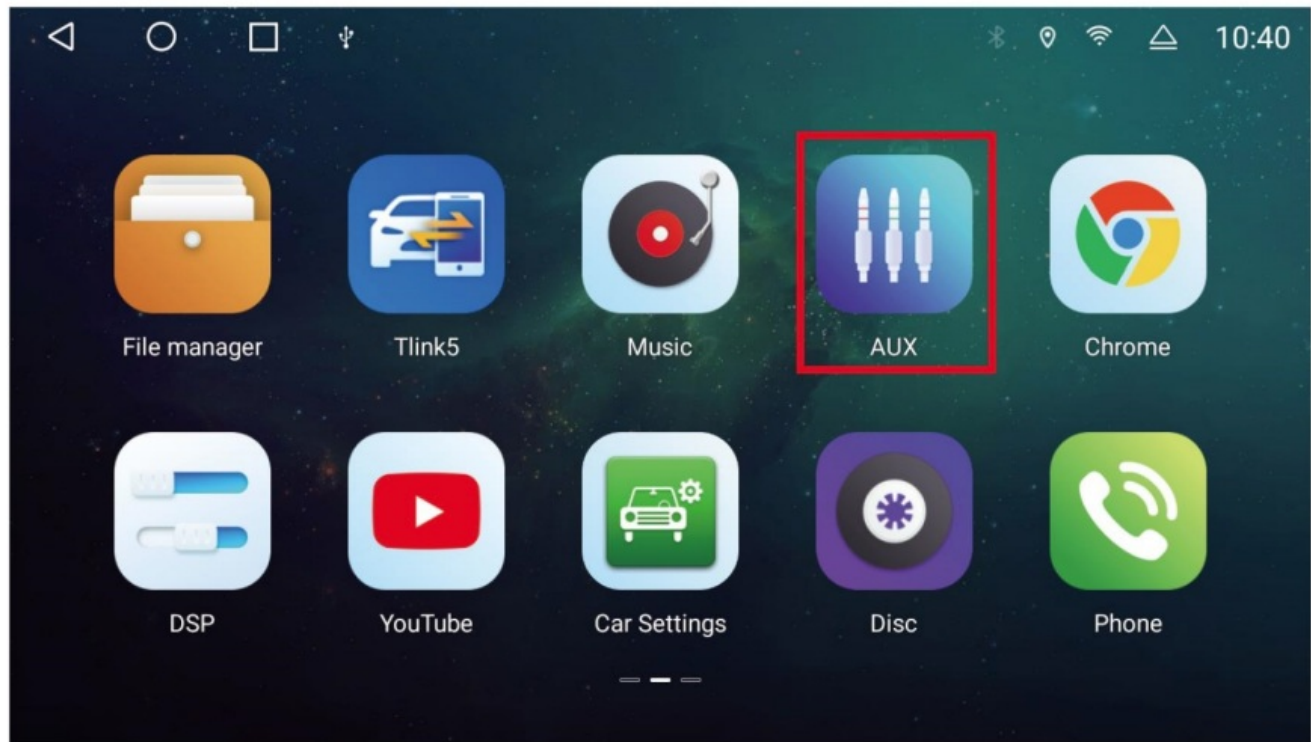
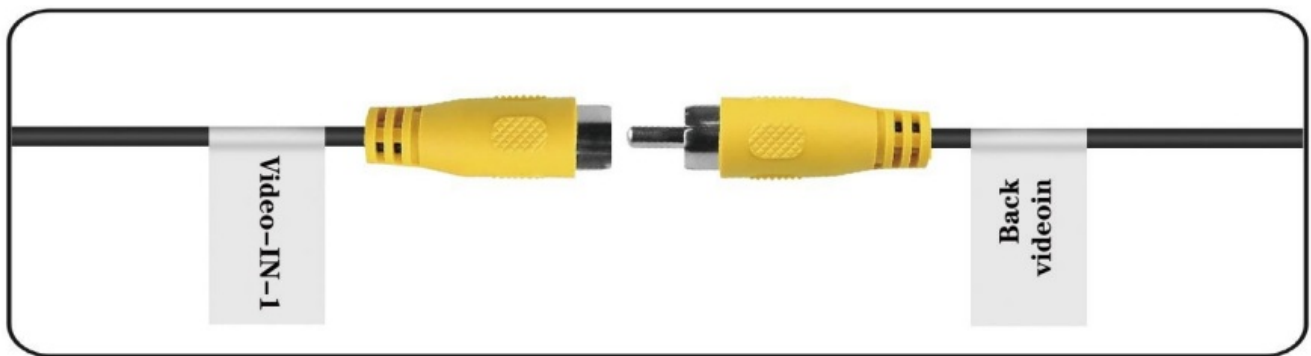
Factory backup camera activates in reverse, But the image is black. How to fix it?

1. Go to Settings app – Reverse- Reverse System.
2. Selection. Choose NTSC or PAL, then reboot the head unit and test the backup camera again.
3. If the camera image is still black, connect the male CAMM IN line to tthe female Video-IN-1 or CVBS-IN-1 line of a 20P Audio Cable.
4. Open the AUX app to check the camera image.

If the camera image is displayed in the AUX app, the OPIN CAM VIN line may be broken.

If the image is still not displayed, the CANO04-X harness may be broken.

Provide your full name, shipping address, and phone number for a replacement line.



Aftermarket Backup Camera

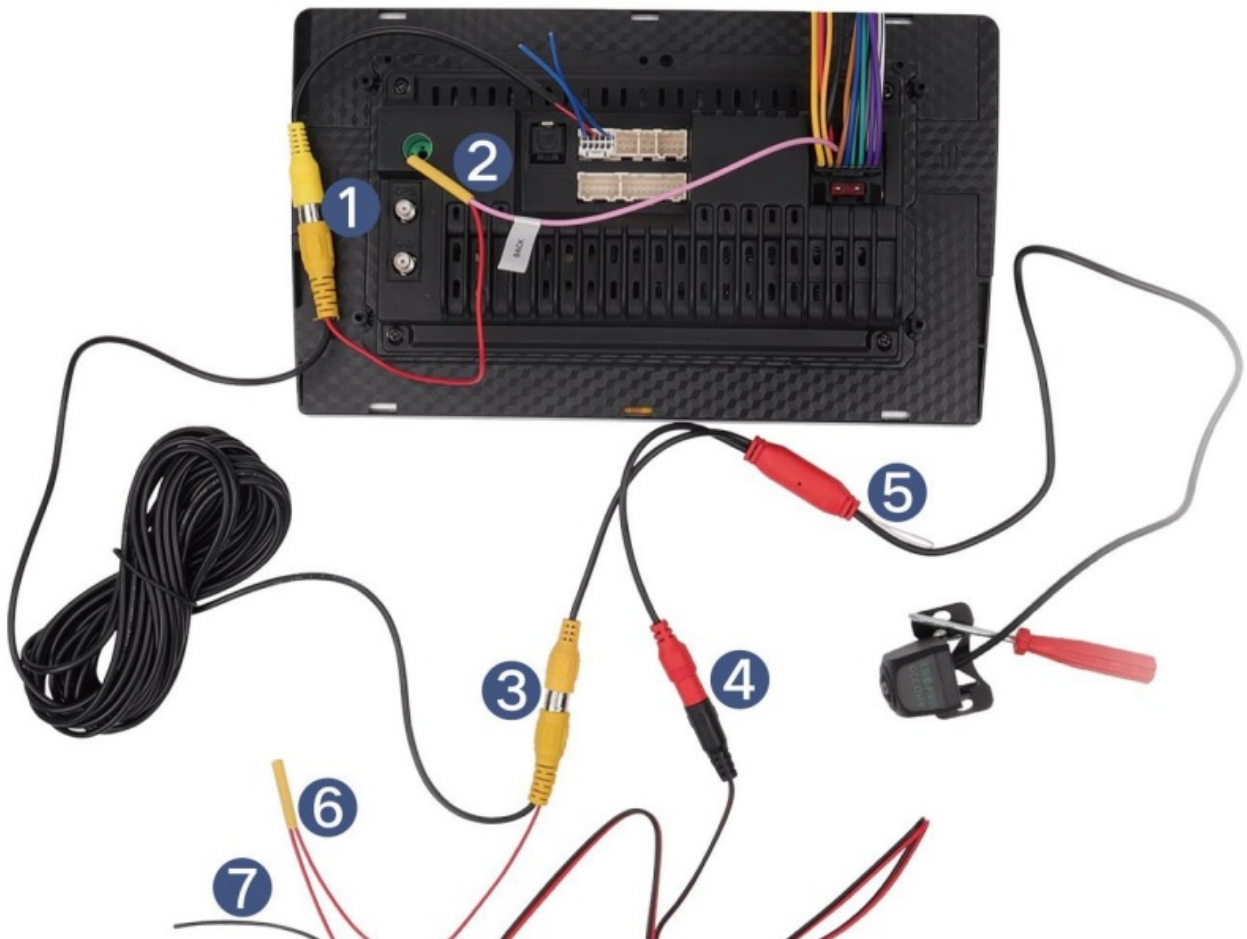
Connection

Video: How to Connect 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 the Camera Input of

2. Switch 720P and 1080P car stereo or monitor (Cut white line, switch to 1080P)
3. Reverse line or back line
4. Red: Both connect to the car
5. Connect to the backup camera, backup light + 12V
6. Black: Connect to the GND of the Power cable

The car backup light

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

STEP 2: Set up camera format

Problem: Why is my backup camera image 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.
3. Then test the backup camera again after you reboot the head unit.



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 — Settings — 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=HXSJJOeRbew>

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.

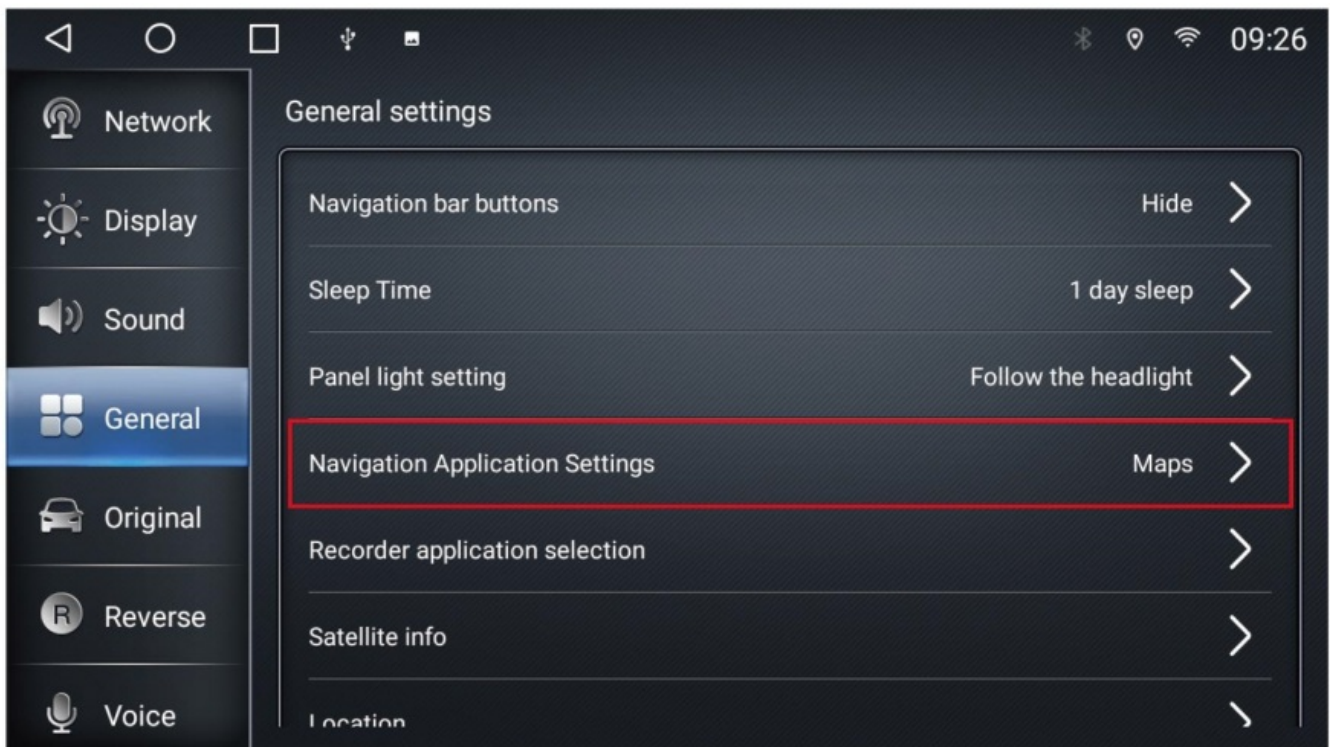
Case 2: The volume is too low when Siri speaks.

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

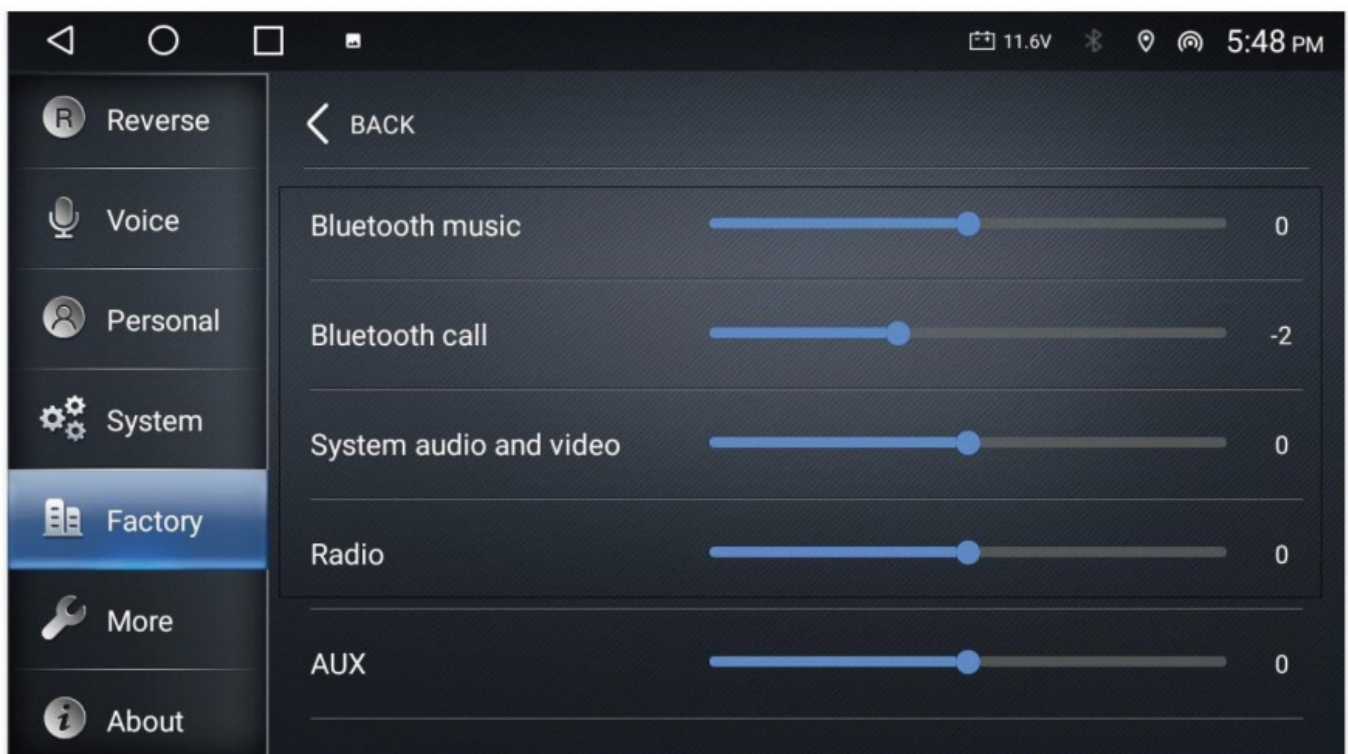
Video: How to Choose a Map APP as a Navigation Application

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



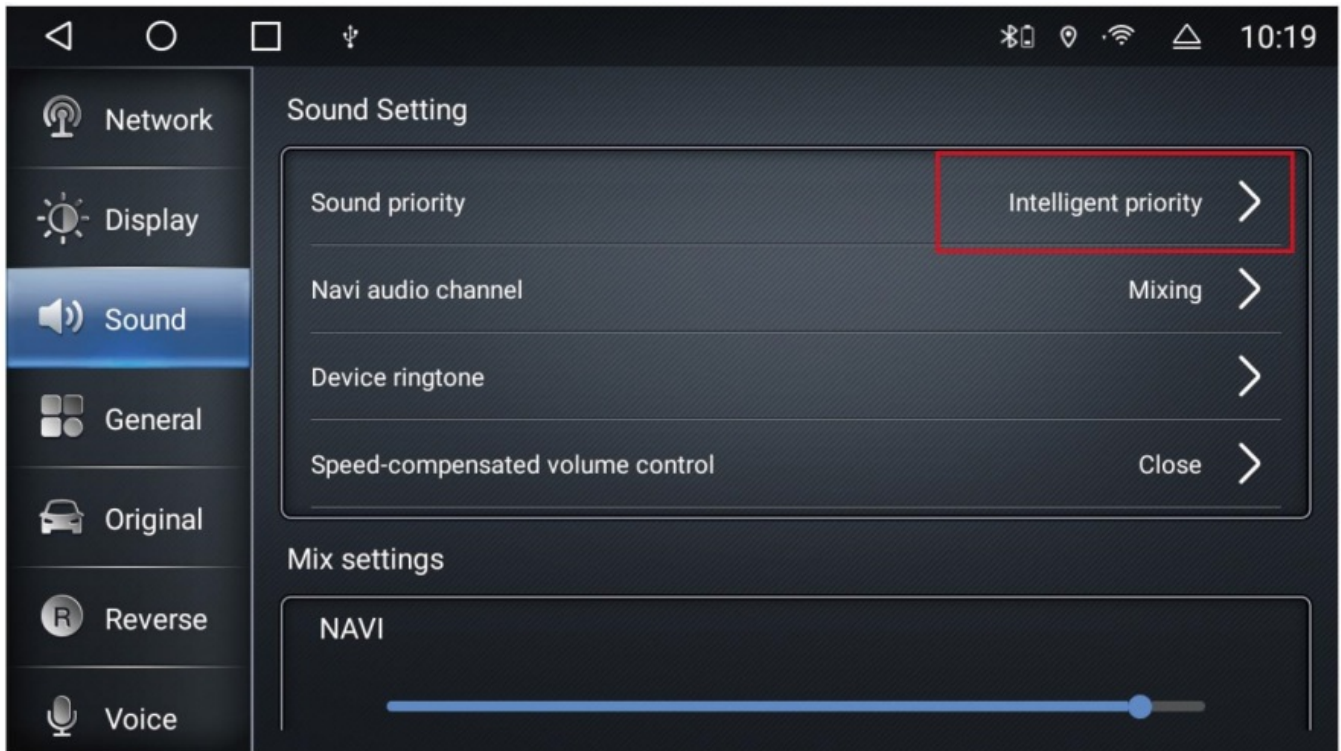
Q5: The stereo isn't very loud, even at full volu.Is there a setting to raise the output?

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 when 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=0BABljvTllw>

Q9: How To Change the Boot Logo on the ViaBecs Android Head Unit Car Stereo?

A: Video: How To Change Boot Logo

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

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

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

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

Q11: How to fix the 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 CarPlay & Android Auto?

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

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

S1. To activate Tink for initial use, you must connect to a Wi-Fi network.

Here are the steps:

1. Please drop down the Quick Settings 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: Before proceeding, ensure to clear the usage record of Tlink.

S2. Reinstall the Tink APP

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

Video: Reinstalling the Tlink app on the TS10 head unit

<https://www.youtube.com/watch?v=ALbyKlo9jlo>

S3. If Tink 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.

Download PDF: [ViaBecs SYFT7172 Tundra Radio User Manual](#)

References

- [User Manual](#)

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