

Installation Guide for SYFT7210 Highlander Radio

If you have any questions, please contact us for help.

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1. Installation Video

STEP 1: How to install the ViaBecs Highlander radio.

<https://www.youtube.com/watch?v=pQ8s45cqUWM>

2. Check Your Factory Radio

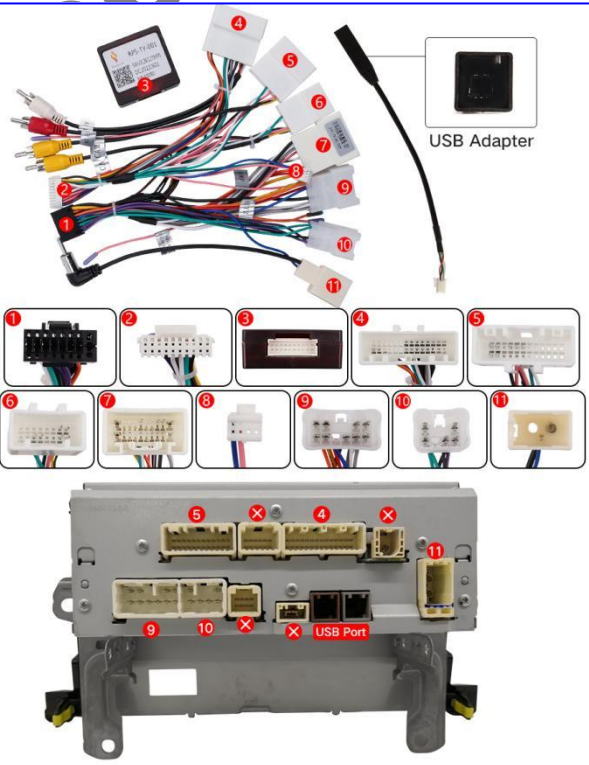
Model Number: SYFT7210

Model A:
2014-2019 Toyota Highlander

Compatibility with Original functionality: with JBL Amplifier, with backup camera or 360 camera, A/C info, USB Cable, TPMS info.

Proper Wiring Harness: CAN004-X (No included)

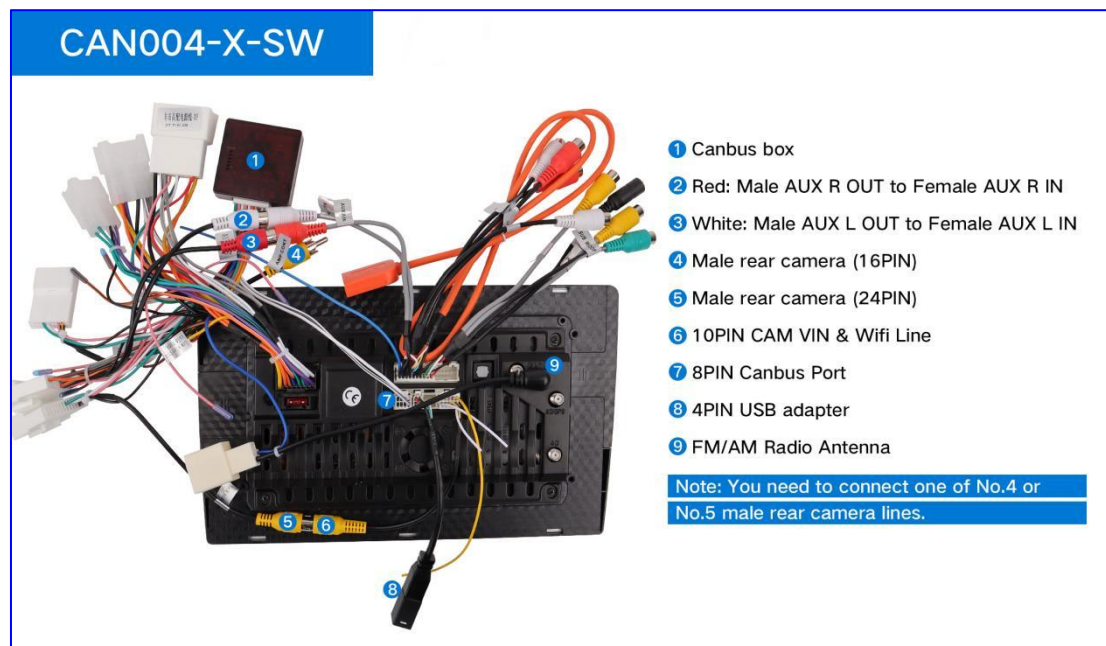
Note: The No.5 & 6 port is the Camera Connector. Only connect one of them.



3. Connect CAN004-X harness with factory harness

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

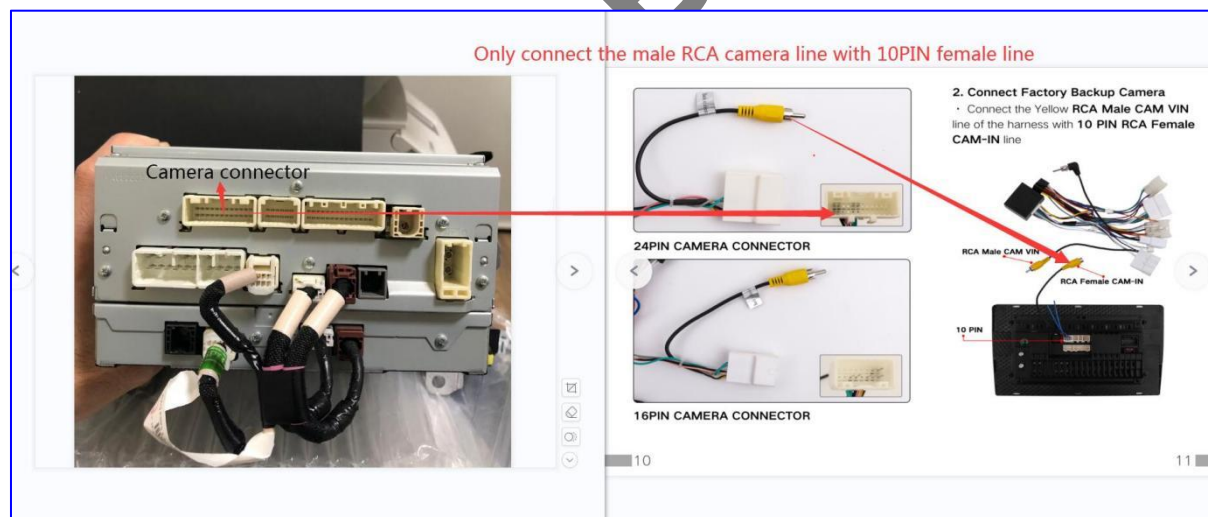
But our wiring harness can support factory backup camera, JBL AMP, Factory USB and SWC etc.



STEP 1: How to connect factory backup camera

S1: You need to connect the **yellow male camera RCA** of No. 8 Or No. 11 CAMERA Connector (CAN004-X) with the **PIN10 Rear CAM VIN**.

Note: It is a Nissan Wiring harness in the picture. It is as a reference.



STEP 2: Set up the options for Canbus

S1: connect the head unit with your Phone hotspot or wifi first.

Press **Car Settings** -- **Factory** -- **Select Models** -- password is 123456 -- **Model choose**.

S2: Choose CanBox Brand: 03:Simple Soft -- 30:Toyota-- 14:Models: All New Highlander -- **Config: Public**

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

Here is the video as a reference.

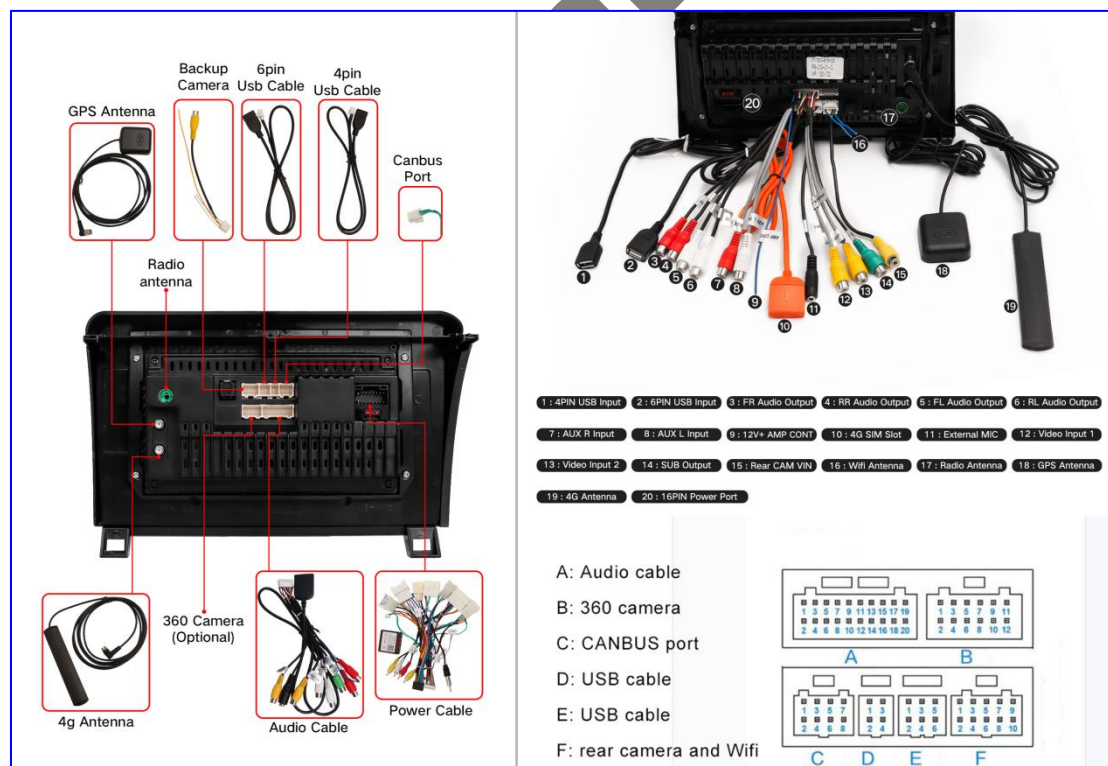
Video: Set up canbus option on TS10 Radio

<https://www.youtube.com/watch?v=PKbGqFFcCAc&t=51s>



4. Radio Wiring Diagram

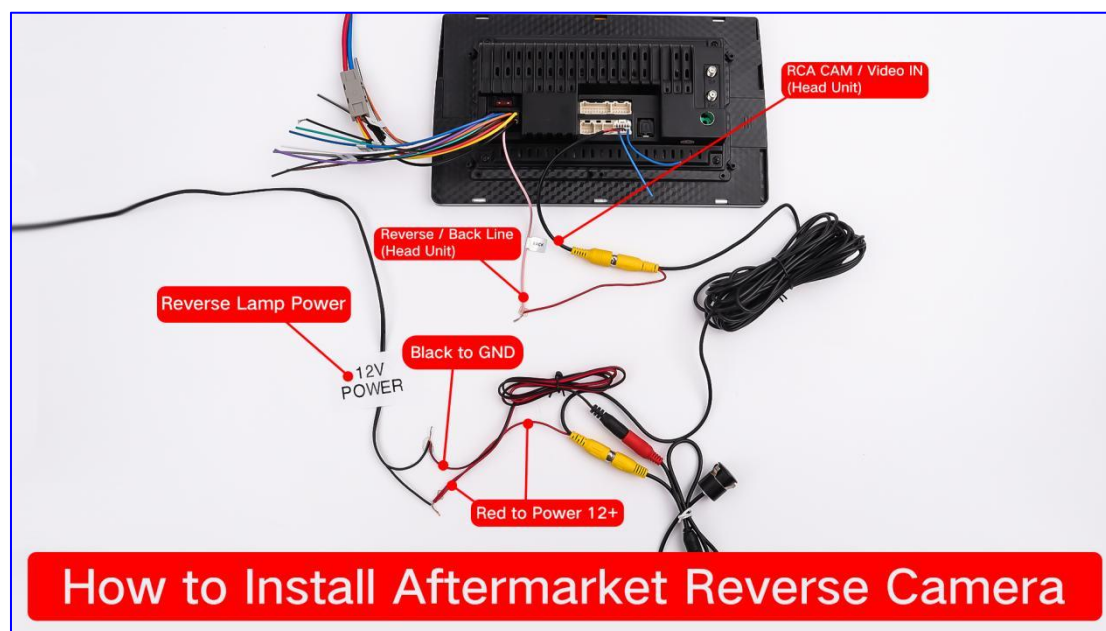
Device Ports



STEP 1: How to connect aftermarket backup camera

video: How to wire a Backup Camera

<https://www.youtube.com/watch?v=NBKY6S4d5QY>



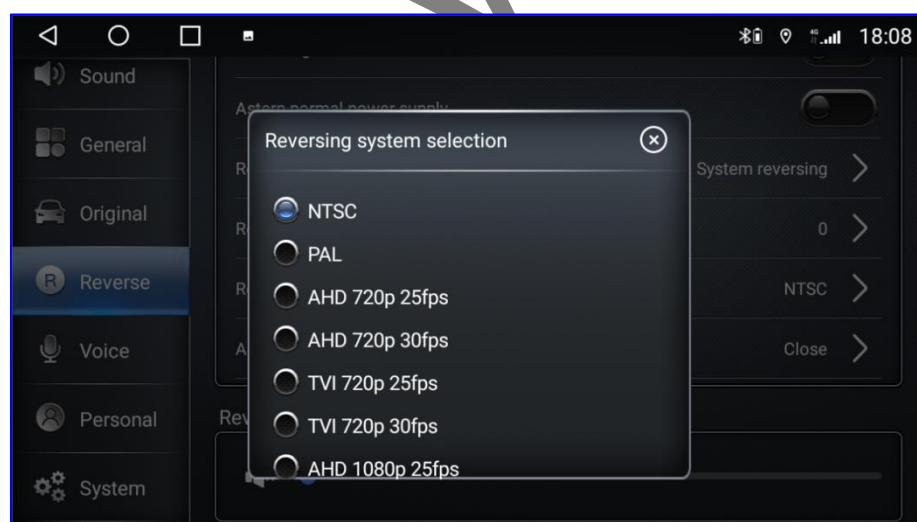
STEP 2: Set Camera Format

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

Please **confirm the resolution of your camera first.**

- 1) If your camera is not HD, please choose normal -- SD -- NTSC/PAL.
- 2) if your camera is HD version, please choose the **normal** -- HD -- AHD 720P/25fps, or AHD 1080P/25fps.

Then test the camera again after you change the camera format.



5. TS10 Head Unit FAQs

Q1: What is the Factory Setting Password?

The password is: 123456

Q2: What is the Reset factory?

The password is: 7890

Q3: How to change the KPH to MPH?

Please click Theme app -- Setting -- Plugin --Speed Unit

You can change to KPH to MPH

How To Change Car Launcher Theme In ViaBecs Car Stereo

Video: <https://www.youtube.com/watch?v=HXSJ0eRbew>

Q4: How do i update the ViaBecs TS10 software?

You can update the system and MCU online.

Please connect your home wifi first.

and then open the car setting app -- about -- Detection Update.

Video: <https://www.youtube.com/watch?v=0BABIjvT1lw>

Q5: How to activate Tlink for Apple car play & Android Auto?

How to Connect and Use Wireless Apple Carplay on ViaBecs TS10 Radio

Video: <https://www.youtube.com/watch?v=gizPQ1wS7aA>

S1. You need to connect wifi to activate Tlink when you use it at the first.

How to find the wifi.

Please drop down Quick Setting Menu.

And then a long-press wifi icon to turn on it.

and then you can try to connect your phone hotspot first.

Note: Please clear the Tlink usage record first.

S2. if Tlink still asks you to put the auth_key, please take a clear photo of the QR activating code and then send me.

and then my engineer will activate it after scanning the code.

1) Please click "About" on the Tlink app

2) Choose the first option (Wireless Carplay + Wireless Android Auto + Wired Android Auto)

Then click the "refresh" to get the new QR code

3) Take a photo and send it to me

Note: the code will be invalid if the time is too long.

and then our engineer will scan the QR code to activate it.

Q6: How To Change Boot Logo On ViaBecs Android Head unit Car Stereo?

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

Q7: How to remap panel button on ViaBecs car stereo?

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