

Android car stereo or WinCE car stereo ?



Android and WinCE are different kinds of operating systems. Android is based on a modified version of the Linux kernel and other open-source software, designed primarily for touchscreen mobile devices such as smartphones and tablets. WinCE is an operating system subfamily developed by Microsoft as part of its Windows Embedded family of products.

Android car stereo supports to install the apps whatever you want, like the media players/streaming apps (Pandora, Google Play Music, etc). PUMPKIN Android car stereo also supports phone mirroring, so you can control your phone on the car stereo.

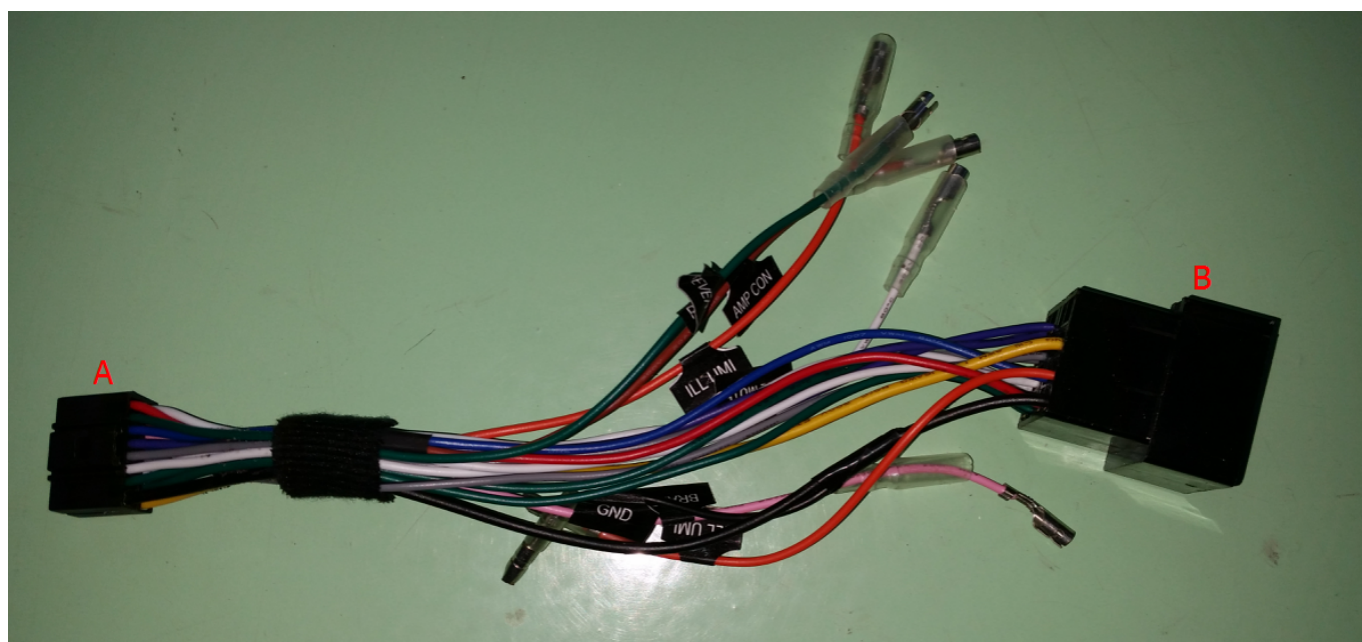
WinCE OS can easily adapt to the hardware and it will not update any time soon. WinCE OS is relatively stable and there is little scope for problems and bugs.

The hardware of Android car stereo is often more powerful than WinCE counterparts, which makes the general cost to build is higher. That's why the Android car stereo is often more expensive than the WinCE car stereo.

Interpret the colorful lines of the Standard ISO wiring harness on a car stereo

The general type of car stereos are the most cost-efficient ones, but many people are worried about the connection problem as there are over 10 lines to deal with. This article will show you all the lines' function and which to connect at the end of two sides.

ISO wiring harness



If the ISO lines you got weren't labeled with names, here are their roles:

A side is to connect with the car stereo, B side is to connect with the car.

The yellow line is the memory line to connect with the car power's anode.

The red line is ACC to connect with car key's ACC gear.

The black line is to connect with the power's cathode.

The white line and half-white, half-black line are to connect with the anode and cathode of the left front stereos.

The gray line and dark gray line are to connect with the anode and cathode of the right front stereos.

The green line and dark green line are to connect with the anode and cathode of the left behind stereos.

The purple line and dark purple line are to connect with the anode and cathode of the right behind stereos.

If the ISO lines are labeled, here are their explanations:

REVERSE-IN: control your backup reversing camera, need to be connected with the anode of the reversing light.

ANT: to provide power for automatically elevating radio antenna or power on the signal amplifier of the radio.

AMP-CON: to control the car's amplifier (if not connected correctly, no sounds will be released)

KEY 1: to control the steering wheel.

KEY 2: to control the steering wheel (most cars only need to connect with either one of these two lines)

ILLUMI: to connect the car head unit's button light with the car's instrument light.

BRAKE-IN: to control with the braking and warn you not to watch videos while driving. (most car stereos shut off this function before products leave the factory.)

PUMPKIN New Products- Android 9.0 Series Car Stereos

PUMPKIN has released about 30 Android 9.0 car stereos since the end of June, covers from 6 inches to 10, Single Din to Double Din. The universal fitting type infotainment still plays a major part, but other stereos for Volkswagen, Skoda, Seat series, Opel, Ford, BMW, and Benz are all included.

About the core technology, Octa-core CPU powered head units are the majority now to satisfy your high response and smooth controlling experience, of course, 4GB RAM and 32 GB ROM along with. If your car is VW series and you happen to look for the built-in DAB+ infotainment system, take a look at PUMPKIN VA0402B, and AA0447B (for Golf 7 specifically).

All PUMPKIN Android 9.0 car stereos support online/offline navigation, RDS radio, Bluetooth hands-free calling, phone mirroring link, steering wheel control. With extra devices, backup rear-view camera, OBDII scanner, DAB+, Android Auto/Apple CarPlay are all accessible. (all these accessories can be found in PUMPKIN online store)

The most important part is all the stereos are around \$300. (The most cost-efficient one is AA0495B) Here are two videos about this car stereo:

<https://www.youtube.com/watch?v=SzKFX9giKeE>

<https://www.youtube.com/watch?v=yR4otwuZF2E>
