

# Car navigation devices purchase notes



In the current automotive electronics, car DVD navigation usage group is growing, nearly 40% of the new car owners have installed car DVD navigation for their baby cars. Therefore, the production, OEM and many kind of various DVD navigation products come out in large numbers, and the quality of the product differences are beyond your imagination. In the market you will find that there are many different brands.

Many DVD products had just been installed in a car, a throttle sound speaker will be issued screams, sounds and images are very poor, so [AutoPumpkin](#) reminds consumers to buy [car DVD navigation products](#) to focus on the following three details and points:

Firstly, sound quality

DVD is used to play music, so the sound quality is very important. Therefore, before buying DVD must be clear that the front of the DVD player output is a few “V”, or this machine and other DVD players for sound quality comparison. If the sound quality of the DVD player and CD player sound quality than the price, of course, will not be cheap where to go.

Secondly, the amount of image pixels

DVD screen with analog screen and digital high-definition screen 2 kinds. The Analog screen pixels are generally 240 \* 240 or 480 \* 240 pixels, and high-definition screen are generally 800 \* 480 pixels or higher. In addition, the good DVD is the use of dual-drive volume, that is, DVD, and CD two optical drive.

Thirdly, the navigation accuracy and ease of use

Good DVD manufacturers will apply a better navigation software, poor DVD navigation easy to crash in the process of

navigation, or navigation speed is slow, the accuracy of navigation is also relatively poor. Because a good DVD navigation is used in the “dual-core” mode, that is, using two independent CPU processing system, so that the two systems do not interfere with each other, and leading to the navigation speed faster, higher accuracy, easier to use.

Distinguish car map of the true and false:

First, consumers should carefully check the navigation electronic map of the manufacturer whether the State Bureau of Surveying and Mapping had approved production qualification. These manufacturers can learn from the National Bureau of Surveying and Mapping website.

Second, consumers must check whether the navigation electronic map marked with the State Bureau of Surveying and Mapping issued by the map number. The version number of the genuine navigation electronic map appears in the form of GS (200 ×) ×× in the product copyright information. Third, navigation Genuine electronic map can be upgraded in the respective manufacturers of the site, while the pirated navigation electronic map can not. The activation code required for the upgrade is marked in the genuine navigation electronic map. Fourth, consumers can determine the price from the initial navigation electronic map of the true and false, genuine navigation electronic map price of \$200-\$450.

We recommend one kind of [Pumpkin 7" 1024\\*600 Screen Quad Core Android 6.0 Marshmallow DVD Player for VW/Skoda/Seat with Phone Mirroring+DAB+Steering Wheel Control+3G+WIFI](#)



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# Tips to Choose Car Stereo Steering Wheel Control Adapter

Although there are lots of [aftermarket Android head units](#) that are wired to accept remote inputs, they don't know how to interpret the commands from all of the different OEM steering wheel control setups out there. In order to allow a head unit to understand those control inputs, you need an adapter to act as middleman.



There are a couple of companies that make these adapters, and each one takes a slightly different approach. These manufacturers offer pretty good coverage, though, so you should be able to find a compatible adapter for basically any car that has steering wheel controls.

Some steering wheel control adapters are designed to work with a specific subset of head units, which is where SWI-JS, SWI-JACK, and SWI-X come into play. Some [car stereo](#) control adapters are specifically designed to work with either SWI-JS or SWI-JACK head units, so you can choose the correct adapter by looking at that information. In some cases, you may also

need a separate CAN adapter that sits in between the steering wheel controls and the adapter. On the other hand, some adapters are universal in nature, in which case they can be used with virtually any head unit that accepts remote, regardless of which type of SWI it is.

For more car stereos, please visit:

- US Site: <http://www.autopumpkin.com/>
- UK Site: <http://www.autopumpkin.co.uk/>
- DE Site: <http://www.autopumpkin.de/>

Source: [cartech.about.com](http://cartech.about.com)

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## [How to Connect Android with Car Stereo](#)

There are a few different ways to approach connecting an Android device to your car stereo. The one you choose to use depends on the features your [car stereo](#) has. Let's approach 5 solutions you can use in order.

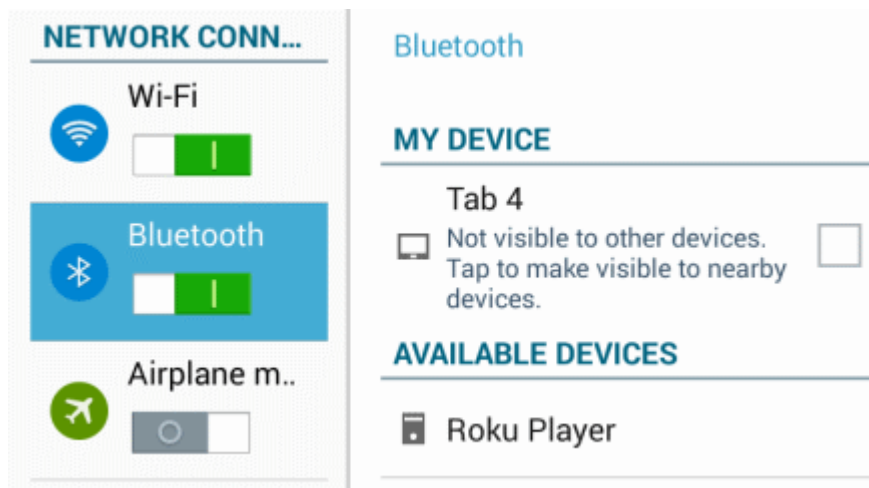


### ▪ **Auxiliary Jack**

Many newer cars come with an auxiliary audio jack. You may be able to spot the audio jack on or near the stereo. Some vehicles like the Honda CR-V has an audio jack in the center

console in between the front right and left seats. You can use a simple 3.5 mm cable to connect the Android to the car. From there, change the stereo to the AUX setting and you'll hear everything.

Older vehicles may have a "secret" audio jack located behind the stereo. Auto manuals often don't include this information, so Google it to see if your particular car has one. Of course, using such a jack may involve removing the stereo and other handy work.



## ▪ Bluetooth

If your car stereo supports a Bluetooth connection, you can simply enable Bluetooth on your Android under "Settings" > "Network Connections". Then make your Android "discoverable" or "visible". Set your car stereo to find the device, then you should be prompted to enter a PIN. Once connected, you can enjoy playing all of your music wirelessly.



## ▪ Cassette Tape Deck Adapter

If your car is old enough and contains a cassette tape deck, you can use a Cassette Tape Adapter to listen to your Android tunes. Just slide the adapter into the cassette deck and connect it to the audio jack on your Android. Done!



#### ▪ FM Transmitter

If you don't have one of the above options, you'll need to pony up a bit more cash for an FM Transmitter. An FM Transmitter will broadcast audio from your Android over FM frequencies, allowing you to listen through a selected radio station on your car stereo. Prices for such devices can range from \$15 to \$100. From experience I can say that an FM Transmitter is not a thing you want to cheap out on. Going mid-range is a best bet. I personally invested in the Belkin TuneCast and am very happy with it. This particular transmitter charges my Android as well. If you already have a car charging solution, you can go cheaper with this model.

Once you have your FM Transmitter, find the best radio station to use in your area and set it to that station.



### ▪ Android 4.4 Car Stereo

The simplest way is to upgrade your car with a [plug and play Android 4.4 Car Stereo](#). It ranges from \$300 to \$450, quite expensive. But it supports many functions, such as GPS navigation, 3G/Wifi, USB/SD, iPhone/iPod input and Steering wheel control etc.

Now you're ready to listen to some Android tunes or navigation instructions crisply and clearly through your car speakers.

Source: [technipages.com](http://technipages.com)

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