## <u>Differences between Single</u> <u>DIN and Double DIN Android</u> Car Stereo



If you want to buy an aftermarket <u>Android 4.4 car stereo</u>, you should base on your car's year, make and model. Normally, afte rmarket head units are rectangular and the standard car stereo size is referred to as single DIN. Most cars have single DIN stereo slots. The measurement of a standard <u>single DIN</u> slot is 50mm height by 178mm width. Most car radios will slide direct ly into the single DIN slot without requiring an additional ad apter kit. However, some DIN models may require an installation kit.

The second most common car stereo slot size is the double DIN. Double DIN slots are twice as tall as the standard single DIN slots, but they have the same width as single DIN stereos. We carry double DIN car stereos that slide directly into the double DIN slot. If you have the space, double DIN models are gre at because they usually feature LCD monitors for video playback and GPS navigation.

Actually, the <u>double DIN Android head units</u> have become more p opular: many vehicle manufacturers (especially of Asian cars) created a DIN CD player for use with a DIN cassette/radio unit

. The main advantage to an aftermarket double DIN is that it'l look better in the dash of a vehicle that uses a stock double DIN head unit. A larger head unit can have larger controls a nd a larger display, which making it easier to use. The best in-

dash mobile video and navigation units are double DIN, because they don't require a flip-out mechanism for the viewscreen.

Regardless of classification (single DIN, double DIN, etc.), the stereo's depth is unique for each model. The installation may require some customization if your vehicle has a relatively shallow cavity. Though you may wish to perform custom install s, it's always wisest to choose a model that will fit your car perfectly. Check out our website to find out what will exactly fit your vehicle. This will save you a lot of time, money and hassle when it comes time to install your car stereo.

## <u>The Best Way to Play Music in</u> <u>Your Car</u>





The current crop of car stereos is as notable for what's missing as what's included. Pumpkin's \$370 "affordable" model, the KD-

<u>CO224</u>, is typical in having neither CD player nor digital radi o, but instead a large touch screen to control your Android ce llphone.

The 6.95 inch display in fact is bigger than most phones, and works as a sort of giant remote control, streaming music wirel essly via Bluetooth and letting you adjust the sound on an inbuilt graphic equalizer.

It's compatible with most Android phones, iPods, memory sticks and the like. The fact that it also sports an analogue radio is almost as an afterthought.

But the KD-

C0224 really only scratches the surface. Further up the range, new and emerging models will offer connectivity with Google's vision of the road ahead, respectively Android Auto. This pla tform combines communication, traffic information and music in to a single unit.

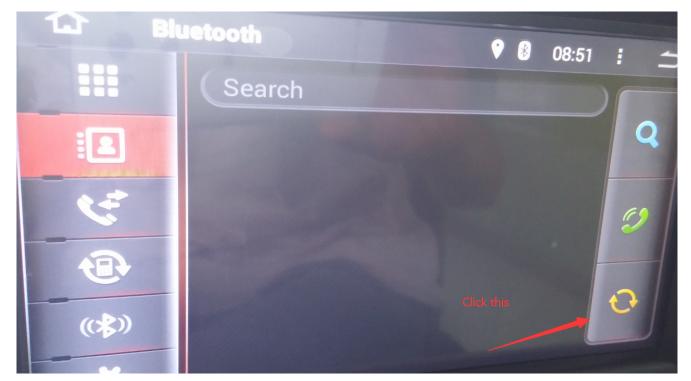
The idea is that you install an app on your phone (only recent models will be supported) and connect it to a compatible <u>car</u> <u>stereo</u> using a standard USB charging cable. The phone then pus hes information to the large LCD HD display on the dashboard.

Android Auto will connect to online radio services like TuneIn , and to music libraries such as Spotify, from where you can s tream almost any song you can think of — whether stored on one of your other devices or in cloud. Depending which model you choose, you can also call up a conventional, inbuilt sat nav or Google Maps.

# FAQ for Android Car Stereo Amplifier

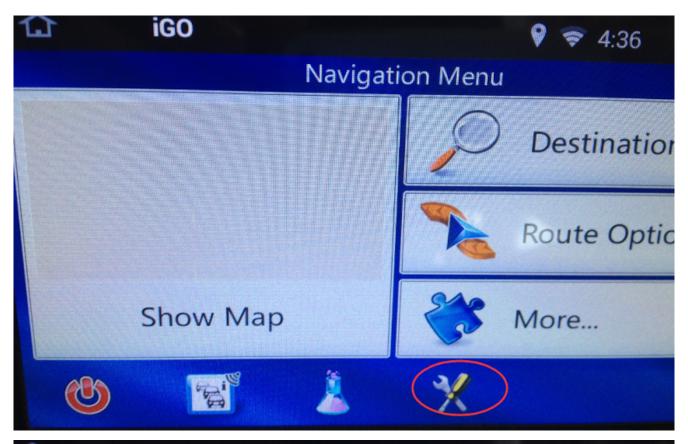
1. How can I populate my address book's contacts into the <a href="Andro">Andro</a> id car stereo universal?

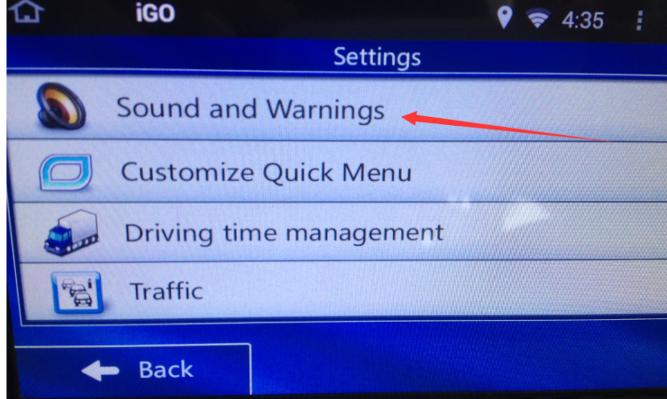
A: For downloading the address book's contacts from your phone to the radio: firstly, you need to pair your phone with the A ndroid head unit, then please click the contacts icon and sear ch your contacts like the following picture:



Please make sure that you use the builtin contacts in your phone, otherwise it can not be searched. A lso, if your smartphone runs Android 5.0 OS or above, please a llow all the submissions in your phone when the stereo searche s the contacts.

- 2.After installing the car DVD player, I can't hear any sound through the speakers or the Bluetooth. The music is attenuated but no phone or GPS instructions can be heard. Is there a hid den menu to give more volume to GPS and Bluetooth?
- A: Normally, we don't have hidden menu to give more volume. An d for setting the GPS app sound ( we pre-installed the IGO free copy version ), please check the setting below:





You can reinstall the IGO app from our SD card to check whether it would
help or not. Besides, please enter the settings=>GPS, make su
re that you turn on the GPS monitoring. You can turn up the GP
S mixing ratio so that the GPS sound would be louder.

As for the Bluetooth issue, if you make the phone call via Blu etooth, please well close your car windows and doors, then tur n the volume of both your phone and the head unit to the middle level. You can also enter the factory setting (the password is 126), and check the BT setting.

**3.**In case of the extra mic, how can I increase the volume ? I don't find any possibility to adjust the mic volume in the car audio player.

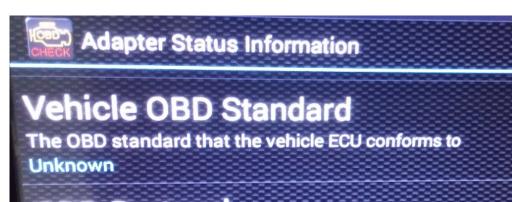
A: Please use the extra mic and increase the car radio's volum e.

**4.**I'm not able to get torque to recognize that Bluetooth is on . Therefore, I can't connect Bluetooth to the OBD. I can connect to it from my phone but not from the <a href="Pumpkin Car Head Unit">Pumpkin Car Head Unit</a>. Is there something I can do to get this to work?

A: For pairing the OBDII, you need to know the protocol of you r car and select the correct protocol in "Torque". Followings are the whole instruction:

□Please enter "Bluetooth "application, then set the pairing co de of the radio to the same one as the OBDII scanner'Generally , it would be 0000 or 1234. (please try both)

☐Then please open the builtin torque, choose the OBDII scanner MAC address in the applica tion setting and choose your car protocol.



#### **OBD Protocol**

The protocol used to talk to the vehicle ECU Waiting for connection

### Vehicle Manufacturer

Who the vehicle is made by

**5.**How do I change the default music app ?

A: Since the <u>car DVD player Bluetooth</u> is based on Android 4.4, you can download other music player apps like Spotify in the built-

in play store ( need Wifi or other Internet source ) and install it on the head unit.