

# Car Amplifiers - Information You Shouldn't Be Without

---

*Article by: Chimezirim Chinecherem Odimba*

An amplifier takes a signal from a source and makes it larger. This makes the sound louder. The hard part is amplifying the signal without adding any distortion. Amplifiers must have a power supply strong enough to keep them going and must store enough current to deliver all of the transients in the music.

## How they work

A cassette radio or CD player produces a maximum of about nine real watts into four speakers given the power it gets from the car's electrical system. So what if you want more than nine real watts to power each of the speakers? You obviously need an amplifier. Amplifiers give more power allowing you to play your music more loudly. Amplifiers also improve the sound quality of music at all volume levels.

## Features of Car Amplifiers

Here are some important facts you should be aware of if you want to choose the right amplifier...

- Bridging amplifiers are very flexible because they can be used in different system configurations. One amplifier can be used to power one, two, three or four speakers.
- Speaker-level inputs are the only way your amplifiers can get signals if your radio doesn't have RCA-type output jacks.
- Preamp outputs are very useful when creating a multi-amplifier system because they allow an un-amplified signal to pass out of one amplifier to another.
- Remote bass control is available in some amplifiers that have a port to add an optional control knob. This varies the amount of power going to the subwoofer driven by the amplifier.
- High-pass filters, low-pass filters and crossovers give you the flexibility to remove the frequencies you don't want to send to the speakers powered by the amplifier.
- Bass boost is available in some amplifiers. This lets you boost the bass significantly up to 18dB through a circuit.

An amplifier can have one channel of output or as many as eight channels. The most common amplifiers are two and four channel models but mono amplifiers are also becoming popular. You can get great amplifiers and deals at CarAudioPlus. If you want to read more on car audio visit: [car-audio-products-and-accessories.com](http://car-audio-products-and-accessories.com)

Chimezirim Odimba writes for CarAudioPlus.