

Rear Speaker Installations

The real secret to rear speakers is design. Placement and output level are critical. The idea is to add “fill” or “ambience” to the listening space without making it sound as if the band is playing the music behind you. **Hence the term rear fill.**

Some people have the wrong idea about speakers in the rear of their vehicles. While the popularity of “Home Theater” has increased the awareness of the consumer about multi-channel encoded video entertainment (such as DVD movies in Dolby 5.1 or THX movies in the movie theaters), the vast majority of the music we listen to is still comprised of 2-channel information. Since we only have two ears (one right, one left) it makes sense to reproduce music with a minimum of confusion to the listening space (in this case, the car) and to your ears. Rear speaker installations can, sometimes, help or hurt that issue when not treated properly. Again, it's all about design!

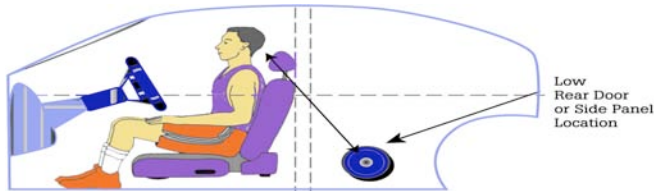


Figure 6

What you want in a rear speaker installation are speakers that are positioned so that the height does not audibly detract from the main, front sound. Not positioned so low that the sound drags the listeners' ear down to the floor (See Figure 6).

Also it's very important that the level (sound level that is) is greatly attenuated, or reduced in volume, in comparison to the front speakers. The idea is to add “fill” or “ambience” to the listening space without making it sound as if the band is playing the music behind you. Hence the term rear fill. You wouldn't attend a musical performance with your back to the musicians would you?

Many top quality car audio systems don't even use rear speakers at all. These systems usually have the most optimally placed front speakers and have recreated that illusion of the imaginary stereo triangle. If you have less than perfect front speaker locations, a well-placed set of attenuated rear speakers can bring the front speaker sound up off of the floor onto the windshield.

Introducing the new Classic slim coaxial series

“Perfect Rear Fill Speakers”



Model: CL-5X

Midrange: 5.25"
Mounting depth: 2"
Crossover: 6 dB.
Tweeter: Angle mount .75" metal dome tweeter for perfect imaging
Power handling: 60 watt
Frequency response: 65Hz-20kHz
Sensitivity: 91 dB.
Impedance: 4 Ohm



Model: CL-6X

Midrange: 6.5"
Mounting depth: 2.25"
Crossover: 6 dB.
Tweeter: Angle mount .75" metal dome tweeter for perfect imaging
Power handling: 80 watt
Frequency response: 60Hz-20kHz
Sensitivity: 92 dB.
Impedance: 4 Ohm

Feature:

- Real butyl rubber surrounds for long life
- Compound curvature cone shape for our famous "Controlled Dispersion Pattern"
- Carbon treated cones for natural, neutral, musical sound
- Powder coated red stamped steel basket for durability
- Kapton Former for high power handling
- Angle mount 3/4" metal dome tweeter for excellent imaging
- Stainless steel back plate for high power handling
- Ultra slim design for slim doors.
- Perfect rear fill speaker system