

is true that some people listen more deeply than others. It is probably the case that a small number of people have no need to listen at a higher quality, as they perhaps have no emotional connection to music. Fortunately, there are many others who can be moved to extreme joy or equally extreme melancholy when listening to a particular piece of music that perhaps they haven't heard since childhood. There are also times when, on recalling and seeking out a once-loved recording, the experience is spoiled by scratches, pops and crackles from a piece of vinyl or the loud accompanying hiss of a cassette tape.

Music has always been very important in my life and I am fortunate to have had an early education that amongst other things taught me how to listen. This perhaps helps me to make the judgements I make when reviewing car audio systems. It does not explain however, how the vast majority of people I sit next to in a car at a show will express wonder at the sound that is possible in the secluded and personal environment of a car's interior.

recognise the brand name, doesn't mean the sound will be good"

unique place for each instrument or sound.

important skill of the recording and balance

engineer(s) although hearing it is often harder in a

difficult listening environment like a car. As well as a

pan control, an engineer will use level (volume) and equalisation to help listeners distinguish between

instruments. However, sound engineers have other tools at their disposal in order to give the impression

important and sometimes it is necessary to limit the

keep it in a single point in the mix regardless of what

else is going on around it. Control over effects such as

reverb can also help to provide a distinct area for each

The clearest distinction between a high-resolution

dynamics of an instrument using a compressor to

sound to reside in. Depth is often very difficult to

demonstrate to listeners even though its presence

really lifts musical performance and certainly helps

with instrument separation.

of depth and isolation. Dynamics are extremely

Achieving the illusion of depth in a recording is an

Depth is often very difficult to demonstrate to listeners

A top quality system in a car will offer listeners a soundstage that seems to stretch beyond the confines of the vehicle they are in. This is in terms of both width (stereo image stretching out to the edge of the wing mirrors), and depth (with instruments playing from the bonnet behind a singer standing on the top of the steering wheel). Any aftermarket car audio upgrade will offer additional width and depth to the narrow squawking mess that comes out of most factory fitted car "entertainment" systems and I'm afraid this includes many car dealer upgrades! Just because you recognise the brand name, doesn't mean the sound will be good, so do take some time to really listen in the showroom. My advice would be to avoid ticking the audio upgrade box altogether. You will do much better at a FOUR MASTER and the system can be moved to your next car!

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