
Subject: Sound in Car
Posted by [cheeta](#) on Thu, 31 Mar 2011 18:29:41 GMT
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Newbie question alert! I am trying to figure out what all these little buttons are in my stereo do. There are 7 buttons that say 40,100,250,625,16k,4k,12k but I can't seem to balance them.

Subject: Re: Sound in Car
Posted by [Adveser](#) on Thu, 31 Mar 2011 22:34:11 GMT
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It is a mediocre equalizer, let's see what happens when you turn these up:

40 - More Hum
100 - More Oomph
250 - More Punch
625 - Breathy? Hoarsey?
4k - Sharper guitars and vocals
12k - More cymbals. This f is very sensitive to direction
16k - More distortion for MP3, more cymbals and cymbal decay for CD.

Of course you should set everything how you like it, then go back and make the loudest one the new "0" and adjust the rest to fit the curve.

I wouldn't boost the 250, 625 or 4K ones at all. I would cut them and work around the cuts.

So if I ended up with:

40 - +3
100 - +5
250 - +7
625 - +5
4000 - +3
12000 - +5
16000 - +3

I would re-eq it to:

40 - -4
100 - -2
250 - 0
625 - -2
4000 - -4
12000 - -2
16000 - -4

It is MUCH more complicated than that due to the Q value changing and all. Look it up if you want

a long read, some difficult math and a lot of confusion. But basically the more boost or more cut the more frequencies around it are affected.

You could do it as above, you you could never let anything from 250-4Khz go above zero.

Subject: Re: Sound in Car

Posted by [cheeta](#) on Sun, 03 Apr 2011 04:01:45 GMT

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Thank you! I really like the way you put it in the beginning, wording even I can understand. I will have to try this out now that I have an idea of what everything does.

Subject: Re: Sound in Car

Posted by [Adveser](#) on Sun, 03 Apr 2011 05:07:33 GMT

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Your welcome.

Sorry about that mediocre comment, that wasn't a dis at your equipment but more the design and selection of the frequencies on their part.

There should be a 1K too, maybe you forgot it, or maybe they did...

Anyway, good luck. We don't have very many words to describe sound despite it being our most accurate sense in every way. Maybe I should learn Italian.

Subject: Re: Sound in Car

Posted by [Adveser](#) on Sun, 03 Apr 2011 05:13:18 GMT

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I just realized something. you typed 16Khz. Are you sure it doesn't say 1.6Khz? I've seen that one a lot and it fits the sequence you put them in.

If so, That one is in the middle of the "nasal" sounding 1Khz and the "Presence" at 2Khz. If you reduce it too much it will suck the life out of the recording. Too much and it will sound like a telephone with like a fuzzy kind of "Caw" sound that arabic and jewish people make.
