
Subject: Genelec 1031 control room lacks bass response ?

Posted by [Dimitrios](#) on Mon, 22 Jan 2007 19:36:15 GMT

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Hi,

I have a friend who has a control room with low ceiling in front around 4x5 meters and higher ceiling in back, it is build in a roof.

He claims that his Genelecs do not produce enough bass response as he knows that these monitor output.

Can this control room contribute in a way that it doesn't allow enough bass to be heard ?

I know the opposite and how you can solve that but lack of bass ?

Any tips ?

Regards,

Dimitrios

Subject: Re: Genelec 1031 control room lacks bass response ?

Posted by [Graham Duncan](#) on Mon, 22 Jan 2007 19:40:15 GMT

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Yes, rooms can really have a big impact on bass. I hope DC responds to this post...

Try listening in mono to one speaker in the room, and have your friend move the speaker. You should be able to find a position where the bass isn't getting canceled out by the room. This can also vary by height.

Your friend may need to totally reposition the console/desk layout to get it working. They may also need serious bass trapping -- but unless a position change gives you something close to accurate, you're in real trouble.

Good luck to your friend!

Graham

Dimitrios wrote:

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> Dimitrios

Subject: Re: Genelec 1031 control room lacks bass response ?
Posted by [gene lennon](#) on Mon, 22 Jan 2007 21:43:16 GMT
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This is a multi-part message in MIME format.

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"Dimitrios" <musurgio@otenet.gr> wrote:

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>Can this control room contribute in a way that it doesn't allow enough bass
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>Any tips ?
>Regards,
>Dimitrios

Here is a free room node calculator from Floyd Toole. Your friend is suffering from low-end cancellation. There are many good recourses on the web. Start here:

<http://www.realtraps.com/info.htm>

Bass traps are the best way to solve this problem (it sounds counterintuitive to get more base by absorbing bass, but it is true.)

Gene

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Subject: Re: Genelec 1031 control room lacks bass response ?

Posted by [Don Nafe](#) on Mon, 22 Jan 2007 22:05:10 GMT

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Go to John L Sayer's forum and snag Barefoot's 2D Wall calculator spread sheet...will also help in determining the best placement(s) for your speakers

<http://www.johnlsayers.com/phpBB2/viewforum.php?f=3&sid=fd298729238e4d01bcaade2c377d3f6f>

here's a standing wave calculator on line

<http://www.marktaw.com/recording/Acoustics/RoomModeStandingWaveCalc.html>

Don

"Dimitrios" <musurgio@otenet.gr> wrote in message news:45b5041f\$1@linux...

>

> Hi,

> I have a friend who has a control room with low ceiling in front around

> 4x5

> meters and higher ceiling in back, it is build in a roof.

> He claims that his Genelecs do not produce enough bass response as he

> knows

> that these monitor output.

> Can this control room contribute in a way that it doesn't allow enough

> bass

> to be heard ?
> I know the opposite and how you can solve that but lack of bass ?
> Any tips ?
> Regards,
> Dimitrios

Subject: Re: Genelec 1031 control room lacks bass response ?
Posted by [Chris Latham](#) on Sun, 28 Jan 2007 02:56:18 GMT
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The bottom end from the 1030's I have at the office sounds drastically different between setting them on top of the console and from the shelves I have mounted to the front wall of the control room.

Just a thought,

CL
