
Subject: Routing 2.1 with 3D monitor controller with crossover and Eq

Posted by [yohannabbou](#) on Thu, 07 Mar 2019 23:18:08 GMT

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Hello

I have tried to route a 2.1 listening system with a crossover and an eq for minimal room correction from my uln 8 and the 3D monitor controller.

But I don't manage to do it properly.

Does anyone would be nice enough to explain me the complete procedure?

Thank you very much

Best

Subject: Re: Routing 2.1 with 3D monitor controller with crossover and Eq

Posted by [jon](#) on Fri, 08 Mar 2019 14:50:07 GMT

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From the Monitor menu in the menu bar of MIOConsole3d, choose "Add Monitor Output" In the window that appears, you can type in a name for this output (e.g. named after the speaker brand). Set the type to stereo or LCR based to make it 3 channels and include the sub.

Under the Destination column, click on the first row where it says "None". In the next window that appears, select the first channel of the output destination and click "Apply" (if you check the "Cascade" box before you click Apply, each successive output will be assigned at the same time).

In the case where you create an LCR output for adding a sub, you can do crossover filtering. With the 3-channel output selected in the MC, from the Monitor menu, choose "Edit Current Monitor Output Graph...".

In the Graph window, click the "+" symbol to bring up the plug-in list and add a Band Split plug-in from the Math category. Click-drag to cable Inputs 1 and 2 to the Left and Right inputs of the block. Click-drag from High (L) and High (R) to the Left and Right outputs of the Graph on the right.

Click-drag from either of the Low outputs to the Center output.

A stereo source will now get filtered accordingly at the output. Additional plug-ins can be placed in the graph for more processing.

You can create as many output paths and graphs as you have physical outputs available for.

Best regards,

Subject: Re: Routing 2.1 with 3D monitor controller with crossover and Eq

Posted by [yohannabbou](#) on Fri, 08 Mar 2019 15:26:22 GMT

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Hello Jon

Thank you for this fast answer and the great explanation, simple and easy to do.
I will try it tonight.

Subject: Re: Routing 2.1 with 3D monitor controller with crossover and Eq
Posted by [yohannabbou](#) on Sat, 09 Mar 2019 20:20:16 GMT

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Hello Jon

It works great;-) thank you
Is it possible to work on the slope of the crossover? I can't find any tool for that.
Thank you very much

Subject: Re: Routing 2.1 with 3D monitor controller with crossover and Eq
Posted by [jon](#) on Mon, 11 Mar 2019 16:20:44 GMT

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Our plug-ins do not have a variable slope parameter at this time. The EQ plug-ins are 12 dB/octave. The Band Split plug-in (from the Math category) uses a 24 dB filter with perfect phase reconstruction.

Best regards,

Subject: Re: Routing 2.1 with 3D monitor controller with crossover and Eq
Posted by [Mobjan](#) on Wed, 01 May 2019 20:13:40 GMT

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Thank you for the first answer, It's great.
