Subject: Connections for Four Pi Crossover?
Posted by tubino on Sun, 13 Sep 2020 00:02:36 GMT
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I bought the Four Pi crossovers quite a while ago and now I'm ready to hook them up... but which terminals are input, LF, and HF?

## File Attachments
1) 20200912_193051.jpg, downloaded 533 times

Subject: Re: Connections for Four Pi Crossover?
Posted by tubino on Sun, 13 Sep 2020 12:49:33 GMT
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I stared at the schematic and I think I have it. With the paralleled resistors on the right, it goes like this:

IN + is top left
IN - is directly below it

2+ is bottom left
2- is immediately right of it

The connections for offboard R3 100w resistor are middle bottom.

1- is on the bottom right
1+ is just to the left of it.

## File Attachments
1) FourPiCrossover_Labeled.jpg, downloaded 462 times

Subject: Re: Connections for Four Pi Crossover?
Posted by Wayne Parham on Sun, 13 Sep 2020 17:17:50 GMT
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You're close. The image below shows the board layout, with the input labeled "IN," the tweeter output labeled "1" and the midwoofer output labeled "2." The Zobel connects to "R3" and polarity isn't important. Polarity is important for the midwoofer and tweeter. The 2226H black terminal goes to the "+" connector and the DE250 black terminal also goes to the "+" connector. This is

the opposite of how most drivers are connected, but that's how it should be for those drivers.  The input "+" connector goes to the amplifier's positive output post, which is usually red.

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Subject: Re: Connections for Four Pi Crossover?
Posted by tubino on Mon, 14 Sep 2020 03:13:46 GMT
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Thanks! I have a little before-and-after thing going with two PA cabinets.  Both have 2226H, compression drivers and waveguides. BEFORE was an EAW 1.5" compression driver with ~12" x 12" waveguide and simple crossover, switched to Four Pi crossover with B&C DE250 with H290. Improvement was phenomenal, as indicated with mono music source and A-B comparison. I'll convert second one, add bracing and more damping material, and mount crossovers inside. This will give me something to listen to while I build cabinets from birch ply and MDF.

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