

# Re: Active Filter to Amplifier TDA2030

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- *From:* "Chauny" <[chauny.vq@xxxxxxxxxx](mailto:chauny.vq@xxxxxxxxxx)>
  - *Date:* 7 Apr 2007 00:17:00 -0700
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martin griffith wrote:

On 6 Apr 2007 22:47:49 -0700, in sci.electronics.design  
[chauny.vq@xxxxxxxxxx](mailto:chauny.vq@xxxxxxxxxx) wrote:

Hello people,

I made one filter board for low pass, band pass and high pass, it works well. Then i made one amplifier circuit with TDA2030 for subwoofer, midrange and tweeter. For midrange and tweeter i use one IC TDA2030, but for subwoofer i use two TDA2030, The board works well also. I connect two boards together, i can not receive good signal from output of amplifier board. When i connect the every output of filter board to low input of amplifier, the output of amplifier is distortion, but i connect the every output of filter to mid and high input of amplifier i can receive good signal from output. one more thing, i connect mid and high output of filter board to amplifier at the same time, the output of amplifier is distortion.

Do anybody know what i am wrong?

Thank you.

How are you connecting the two tda2030s together for the subwoofer

If you post your circuit on a photo site, it would be helpful (for example flickr)

Thank for your reply, i follow figure17 page 6 of datasheet tda2030  
<http://www.ortodoxism.ro/datasheets/stmicroelectronics/1458.pdf>

I connect midrange output of filter to input of amplifier, the midrange output of amplifier is good. i let it, then i connect high output of filter to input of amplifier more, the good midrange output change, it becomes bad. i use 4 tda2030 IC amplifier board: one for high, one for midrange and 2 for subwoofer. Do you know the reason

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why?

Thank you!

martin

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