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Subject: Towers

Posted by [Dpend](#) on Fri, 18 Nov 2011 19:09:17 GMT

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Well the box is done on one so naturally I had to try it. I was a little worried it would be ho hum. So I am glad to announce that it was a very pleasant trial. The sound is just what I was hoping for. I still have one more to finish so I was comparing it to my old speakers and there is a huge difference. Great value for the price and a bit of work. Still need to pretty them up and will submit a pic when that happens.

Thanks guys for all the help  
Especially Wayne and Bill

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Subject: Re: Towers

Posted by [Wayne Parham](#) on Fri, 18 Nov 2011 20:34:06 GMT

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Excellent! Glad they're working out for you.

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Subject: Re: Towers

Posted by [Dpend](#) on Mon, 21 Nov 2011 00:30:38 GMT

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Is there really a break in period for speakers? How long does it take and what will I notice?

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Subject: Re: Towers

Posted by [Wayne Parham](#) on Mon, 21 Nov 2011 02:48:52 GMT

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Some say yes, but I haven't ever noticed a break-in period beyond the very first medium-to-large amplitude cycle. Basically, they're broke in at first use.

There is one exception, but it doesn't apply to you. Some drivers shift fairly significantly from low-power to high-power operation. I mean, all drivers have this shift, but some are more significant than others. I wouldn't call this a break-in, but it does sort of have the same behavior, in that you will notice a difference at low levels than after you twist the get loud knob.

The towers don't exhibit this. They're pretty much the same at low-levels as at higher levels, and they don't change after "break-in".

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Subject: Re: Towers  
Posted by [Shane](#) on Tue, 22 Nov 2011 05:01:23 GMT  
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Wayne Parham wrote on Sun, 20 November 2011 20:48  
The towers don't exhibit this. They're pretty much the same at low-levels as at higher levels, and they don't change after "break-in".

I never noticed any difference with my towers.

As a side note, I never finished the cabinets on mine and when we moved a couple years ago they got stored in the garage due to lack of room. This last summer a friend and I were talking about the towers so I pulled them out into the garage and ran a CDP thru my old Carver amp into them....then proceeded to blow him away!!!! Not only was he impressed by the volume level , but he said they were the best speakers he had ever heard. And these were set up in a garage

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Subject: Re: Towers  
Posted by [Dpend](#) on Tue, 22 Nov 2011 20:44:22 GMT  
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Did notice some distortion at high volume level (Jack Johnson). The first time though the wife didn't turn off the loudness button. But the second time it happened to me I also had to adjust the equalizer I think I had to tone down the base. Jacks recorded pretty loud I think. Do you know of any other reason for this.  
It is an old Jvc RS 77 receiver from 82 but it's still going.

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Subject: Re: Towers  
Posted by [Dpend](#) on Tue, 22 Nov 2011 20:47:59 GMT  
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Right on.  
My wife commented on how good they sound. Then in the next breath said where are they going.  
I keep telling her in our bedroom.

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Subject: Re: Towers  
Posted by [Wayne Parham](#) on Tue, 22 Nov 2011 22:13:29 GMT  
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It's not like these speakers won't distort - any speaker will when pushed hard enough. But I'm pretty sure it's the amp that is distorting. That JVC amp is only capable of 65 watts RMS and it wouldn't take much to hit that, especially when you play around with EQ. Your speaker's limits are above 65 watts, both thermally and mechanically. The thermal limits are much higher, all the way through the passband. Mechanical limits are much higher too from 60Hz up. Mechanical limits dip to about 80 watts at 60Hz, and then again below the Helmholtz frequency, starting around 35Hz and down. But no limits are exceeded at 65 watts anywhere through the whole band, so I think your amp is probably what's causing distortion at higher volume levels. It's probably clipping.

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Subject: Re: Towers  
Posted by [Dpend](#) on Wed, 23 Nov 2011 01:39:20 GMT  
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I never listen to it that loud for to long anyway What would be a good amp you recommend?

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Subject: Re: Towers  
Posted by [Wayne Parham](#) on Wed, 23 Nov 2011 17:31:31 GMT  
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There are lots of good amps out there. But I'm not really suggesting that you upgrade your amp. You can if you want, but my point was just that I think you're reaching your amplifier clipping limit before you reach either mechanical or thermal limits of your speakers. There's always a limit, and you simply must stay below it.

Many people on this forum run their speakers with 10 watt (and less) tube amplifiers. Those will, of course, reach their limits at a lower level. They tend to clip gracefully, so you don't notice as strongly. There are others that use 50 watt and 100 watt receivers, home theater processors and other things. Lots of ways to make good sound!

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Subject: Re: Towers  
Posted by [Bill Epstein](#) on Thu, 24 Nov 2011 02:18:23 GMT  
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Tonight, playing some Sarah Vaughan and "The Tenor Sax Album" it was 1.8 UX-45 watts driving the 4Pis.

In a month or so, I should have my pair of Mullard/Brown (Steve, that is) KT-88 monoblocs muscling the 4Pis with 50 watts per

Steve got his pair running and really likes the kick drum!

It's all good and now that the Mullard parts are paid for, I may order that 250 watt Solid Waste kit from Class D Audio.

### File Attachments

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- 1) [45 Amp2.jpg](#), downloaded 260 times
  - 2) [IMG\\_2283\\_1.jpg](#), downloaded 1613 times
  - 3) [Steves Amp.jpg](#), downloaded 1665 times
  - 4) [IMG\\_1384\\_1.JPG](#), downloaded 1570 times
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Subject: Re: Towers

Posted by [Shane](#) on Sat, 26 Nov 2011 06:54:46 GMT

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I ran my Towers when I was using them as my mains with a 50WPC NAD C320Bee amp. I could run the amp right up to just short of max volume before it started clipping. I mean shake pictures off the walls, literally!!! When SS amps clip you will definitely know it. I also listened to the Towers with a little 0.75W 12B4 SET amp. They would get surprisingly loud with only 3/4 of a watt to work with, much louder than I typically listen to in fact. Also, besides the decent sensitivity of the Towers, their simple crossover is very friendly to flea powered amps.

I've not listened to any of Jack's music, but if it's like most recorded material on CD nowadays, it's compressed within an inch of it's life and tends to sound really bad once the volume goes up. Too much of everything in the mix at the same level.

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Subject: Re: Towers

Posted by [Dpend](#) on Wed, 04 Jan 2012 01:45:41 GMT

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played the speaker on my yamaha downstairs and sounded great  
My jvc is cutting in and out  
sure do like these speakers,well speaker, still gotta finish the other one.  
When I ask people which one they hear more they always say the Pi  
Can't wait to here them together

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