Subject: piAlign software and figuring Zmax
Posted by juanstein on Fri, 27 Apr 2001 16:06:10 GMT
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Hi Wayne -- I have been experimenting with your piAlign program and a few different drivers. I looked at the TAD 1602, but that was a huge cabinet solution. The TAD 1601c at 102 dbW/m turned out to be a very attractively sized enclosure. I have a few details I was interested in having explained. The dimensions generated seemed to follow a 1 x 2 x 4 pattern, therefore, to compensate for internal displacement of physical objects inside the cabinet, such as the magnet and basket, and whatever cross-bracing is there, do you simply keep the 1/2/4 ratio and increase the dimensions until the additional volume is accounted for? Is the volume enclosed by the vent structure and inside the vent already included in the box dimension calculation, or is that another volume that must be added back into the cabinet dimension?Can you find Zmax from mechanical parameters? Thanks for any clarification (I have more questions for another thread).John