
Subject: Re: PiAlign nomenclature

Posted by [Wayne Parham](#) on Mon, 12 May 2003 20:22:06 GMT

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The advantage of a PiAligned 2206 vs. one that's 3 cubic feet is that the PiAligned cabinet is flat down to its lower cutoff. You can expect this from cabinets of about 0.75ft³ to 1.5ft³ tuned to 60Hz. But if deep bass is desired from the 2206, then other alignments might be considered. An advantage of a larger box is deeper extension. You can expect output down to about 35Hz in a 3ft³ box tuned to 35Hz, but it will be an EBS alignment with the lower bass shelf reduced some 5dB from the midband amplitude. This is a pretty good alignment where deep bass is required from a 2206. One alignment favors full range performance and the other favors deep bass, but both are acceptable design choices. Another good option would be a compromise solution: JBL suggests this in their product documentation - A 2ft³ cabinet tuned to 50Hz.

JBL 2206 specification sheet