Subject: 15 inch bass horn driver
Posted by Tom A. on Thu, 31 Mar 2005 04:49:35 GMT
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Has anyone ever used the Dayton PF385-8 in a front loaded horn or a pi aligned bass horn like the 7 pi? Its parameters are nearly identical to a klipsch K-33, but it has much greater power handling capability. The Peavey 1508-8 looks very similar to some of the JBL drivers recommended for bass horns. Does anyone have any experience with these? At first glance, either of these look as good as most of the eminence drivers and the Peavey is less than half the cost of a JBL. Any experiences or help would be very appreciated.Thanks for the help.Tom

Subject: Re: 15 inch bass horn driver
Posted by Wayne Parham on Thu, 31 Mar 2005 06:06:44 GMT
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What are the T/S specs?

Subject: Re: 15 inch bass horn driver
Posted by Tom A. on Thu, 31 Mar 2005 08:50:21 GMT
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Wayne, the T/S parameters according to the Parts Express catalog are Dayton-[ Fs=36hz SPL=97db Vas=7.04 cu.ft. Qms=8.85 Qes=.39 Qts=.37 Xmax=6mm 500Wrms]Peavey-[ Fs=34.8 SPL=97.9 Vas=7.34 cu.ft. Qms=8.78 Qes=.242 Qts=.235 Xmax=4.6mm 600Wrms].

Subject: Re: 15 inch bass horn driver
Posted by Wayne Parham on Thu, 31 Mar 2005 09:57:23 GMT
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The Dayton speaker is tuned to be a drop in replacement for the JBL 2226, Eminence Omega 15, Kilomax 15, Magnum 15HO, etc.  It's obviously targeted for this application and looks like it will perform quite well in boxes from 2.0ft3 to 8.0ft3 tuned to 40Hz.  PiAlign recommends 2.6ftft3 tuned to 36Hz, so it's basically suggesting it be used in the Stage, Premium or Professional Series

for use in 0.7ft3 to 3.0ft3 cabinets tuned to 55Hz.  I imagine its best used as a midrange or wide range driver.