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Subject: Maximum SPL charts

Posted by [Wayne Parham](#) on Mon, 12 Sep 2005 11:02:06 GMT

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Here's a chart that will help quantify matters. Below is an SPL chart based on Fostex specs. Add

which of course assumes that X-max is not an issue and that there is no compression. In other words, the maximum SPL listed here is rather optimistic. [Model][size][SPL at 1W/1M][Max power][Max SPL at 1M][Max SPL at 10 feet][Max SPL at 15 feet]

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=====F83E 3" 88dB 10watts 98.00dB 88.25dB
84.75dB BF120A 5" 89dB 30watts 103.75dB 94.00dB 90.50dB BF200A 8"
90dB 80watts 109.00dB 99.25dB 95.75dB BF E87E 3" 89dB 15watts
100.75dB 91.00dB 87.50dB BF E103E 4" 89dB 15watts 100.75dB
91.00dB 87.50dB BF E107E 4" 90dB 15watts 101.75dB 92.00dB

5" 93dB 45watts 109.50dB 99.75dB 96.25dB BF E127E 4.7" 91dB
45watts 107.50dB 97.75dB 94.25dB BF E166E 6" 94dB 65watts
112.15dB 102.40dB 98.90dB BF E167E 6" 94dB 65watts 112.15dB

100.25dB BF E206E 8" 96dB 90watts 115.50dB 105.75dB 102.25dB BF E207E
120watts 117.75dB 108.00dB 104.50dB BF F125K 4.5" 92dB 50watts
109.00dB 99.25dB 95.75dB BF F165K 6.5" 94dB 70watts 112.50dB
102.75dB 99.25dB BF F225K 8" 96dB 100watts 116.00dB 106.25dB
102.75dB
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