
Subject: SP12

Posted by [mism](#) on Thu, 11 Sep 2003 19:31:33 GMT

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Would anyone have experience using a SP12 in a Pi enclosure, if so what tweeter was used?Regardsmism

Subject: Re: SP12

Posted by [Wayne Parham](#) on Thu, 11 Sep 2003 21:18:00 GMT

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Sorry, but I'm not familiar with the SP12. Could you post a link or give some information?

Subject: Re: SP12

Posted by [mism](#) on Fri, 12 Sep 2003 09:26:27 GMT

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Wayne thanks for your interest, this link is about all that I have for specs,
http://www.geocities.com/michael_gesualdo/SP12_datasheet.html

http://www.geocities.com/michael_gesualdo/SP12_datasheet.html

Subject: Re: SP12

Posted by [Wayne Parham](#) on Fri, 12 Sep 2003 19:44:40 GMT

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We need the electro-mechanical parameters for the drivers to design a good loudspeaker with them. So you'll need to find a way to have them measured.

Subject: Re: SP12 speaker data

Posted by [mism](#) on Sat, 13 Sep 2003 10:14:40 GMT

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I found this information, perhaps others would appreciate as well. Many pages of speaker data on many speakers. <http://audionova.nu/docs/spkrdata.htm> regardsmism

Subject: PiAlign'ed Electro-Voice SP12

Posted by [Wayne Parham](#) on Sat, 13 Sep 2003 10:59:32 GMT

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I entered the values into PiAlign, using data from the table at your link. $V_{ad} = V_{as} = 167.1L = 5.9ft^3$ $F_{rd} = F_s = 45Hz$ $Q_d = 1/Q_{ts} = 1/0.67 = 1.5$ PiAlign recommends a 4ft³ cabinet tuned to 25Hz using a 2" diameter port that's 1.5" long. Response is nice, with a gentle 2dB lift from 70hz to 200Hz and -3dB point of 50Hz. Usable response down to 35Hz, at -10dB.
