
Subject: SPL question

Posted by [James W. Johnson](#) on Sun, 24 Jun 2001 18:02:43 GMT

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The JBL HLA 4895 3-way combined with the 4897 bass module are JBLs top of the line tour sound products, they are capable of producing 140dB from 34Hz on up from 1 meter....can a pair of these fill up a football stadium with sound? The reason I ask is that my current set-up can produce around 100dB from one meter so they are only 40dBs away from being able to fill up a football stadium with sound? Basically what I have now is not loud enough for me, but I am pretty close, it seems to me that if I could turn up my volume knob just a couple of notches more I would be satisfied, certainly the Four Pis I am preparing to build should get me there. So how does SPL perception work, is it that once you get to a certain point each decibel becomes more powerful?..In other words does the sound seem twice as loud for each additional decibel after a certain point? How does this work?