Subject: Ancient Efficiency Rating
Posted by gfederys on Fri, 02 Jun 2006 11:39:53 GMT
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Hi All, I have a pair of EV MC8's I want to try out in either a cabinet or an OB design. The sensitivity is rated @ 46 db EIA, Does anyone out there know what that translates to in modern terms, 1W/1M? Thanx!
http://archives.telex.com/archives/EV/Speakers/EDS/MC8,%20MC12,%20MT12%20EDS.pdf

Subject: Re: Ancient Efficiency Rating
Posted by hurdy_gurdyman on Sat, 03 Jun 2006 18:47:30 GMT
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My LS-8's have an old EIA rating of 42 dB. People who have measured the LS-8's say they are around 91-92dB by todays standards.I found some paperwork in my files that say the MC-8 is 93.792 dB sensitivity (this was from someone's measurement from one of the forums).I have some early 70's EV literature that claims 97 dB sensitivity.Dave

Subject: Re: Ancient Efficiency Rating
Posted by hurdy_gurdyman on Sat, 03 Jun 2006 18:55:35 GMT
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See if this makes any sense. It was sent to me a few years ago by another forum member.EIA was .001W/m rating...10*log(1/.001)=30dB gain20*log(30/3.28)=19.22dB gain19.22+ 30=49.22dB added to the EIA ratingDave

Subject: Re: Ancient Efficiency Rating
Posted by gfederys on Mon, 05 Jun 2006 10:36:59 GMT
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Thanx much Hurdy_Gurdy man. I searched "the net" for a conversion chart but found nothing. By the way, looked @ your gallery pix. Quite a collection of interesting musical instruments.