
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... $10 \cdot \log(1/.001) = 30\text{dB}$ gain $20 \cdot \log(30/3.28) = 19.22\text{dB}$ gain $19.22 + 30 = 49.22\text{dB}$ added to the EIA rating Dave

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.
