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Subject: Re: sensitivity: conversion of units  
Posted by [GM](#) on Fri, 10 Jun 2005 21:32:35 GMT  
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Greetings! Fairly simple, or I wouldn't understand it:  $L_w = 10 \cdot \log_{10}(1 \text{ W} / 10^{-12} \text{ W}) = 120$  where:  $L_w$  = sound power level in dB  
 $1 \text{ W}$  = one acoustic watt  
 $10^{-12} \text{ W}$  = sound power standard reference for the threshold of hearing  
GM

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