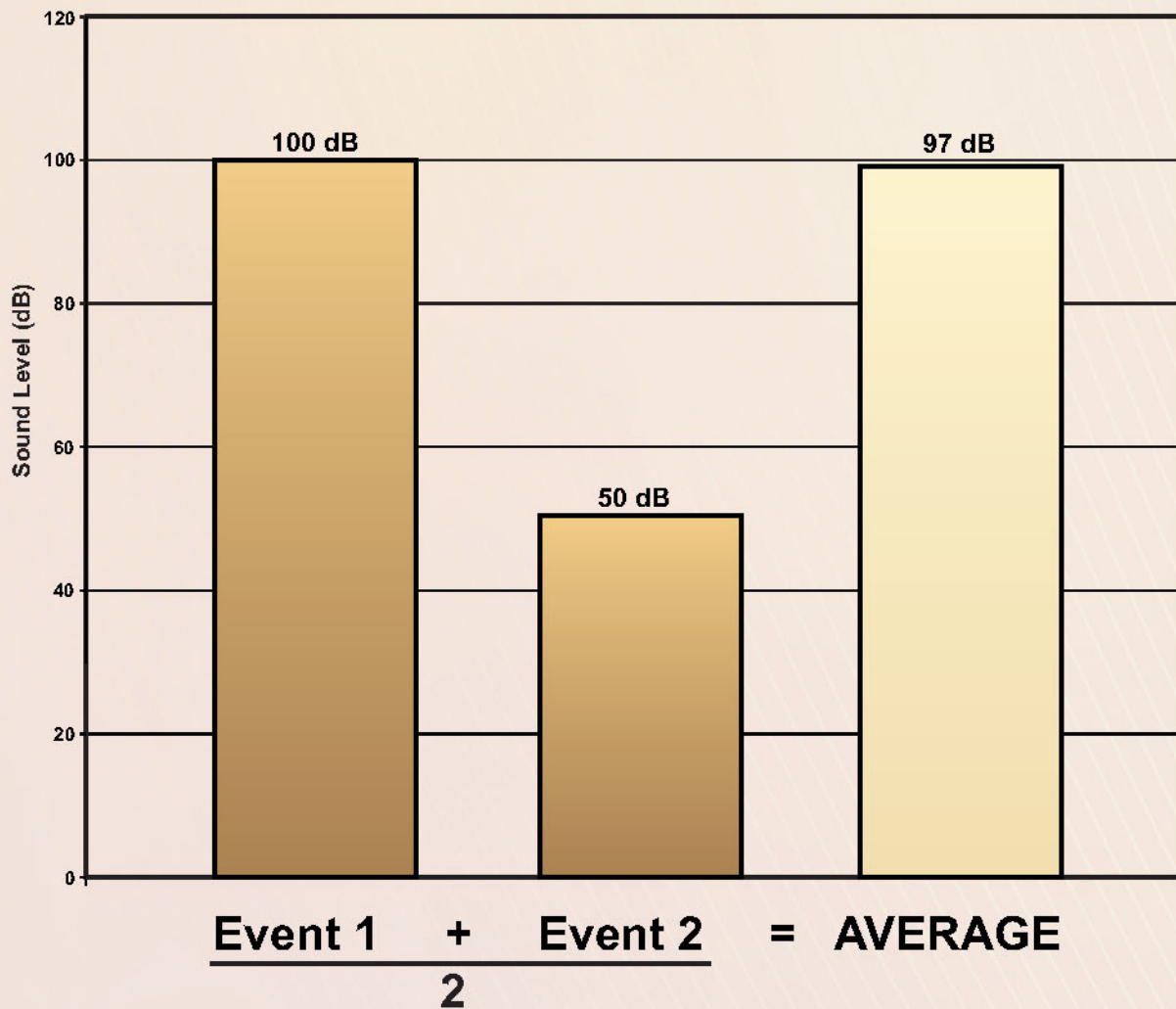




Example of Sound Level Averaging

Assume two sound levels of equal duration...
What is the average level?



$$(100\text{dB} + 50\text{dB}) / 2 = 97\text{dB}$$

The decibel (dB) scale is logarithmic -
100 dB is 100,000 times more energy than 50 dB!