

Sound Meter Weighting Guide

Most sound meters incorporate a processing network that assigns relative importance to high-, middle-, and low-frequency signals. By comparing differently "weighted" measurements, you can isolate the source of problem sounds.

"A" Weighting attenuates the lower frequencies to approximate the response of the human ear, which is most sensitive to frequencies between 3000 and 4000 Hz.

"B" Weighting gives decibel readings of combined high- and middle-frequency signals. Use in conjunction with A weighting to isolate sounds that are causing a problem.

"C" Weighting reads all frequencies the same but gives a better response to higher frequencies than A or B weighting. Use to pinpoint problems when A or B weighted scale readings are very high.

See our range of sound meters at

<http://www.quasarelectronics.com/sound-level-meters.htm>