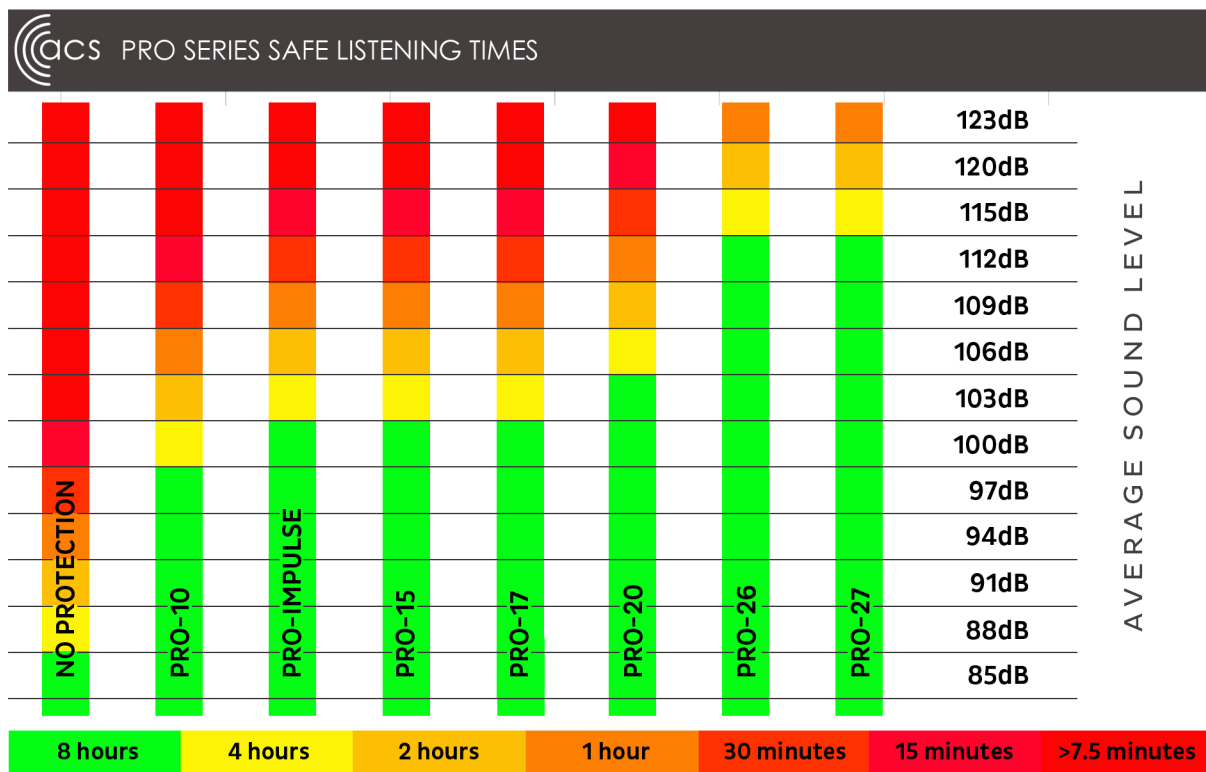
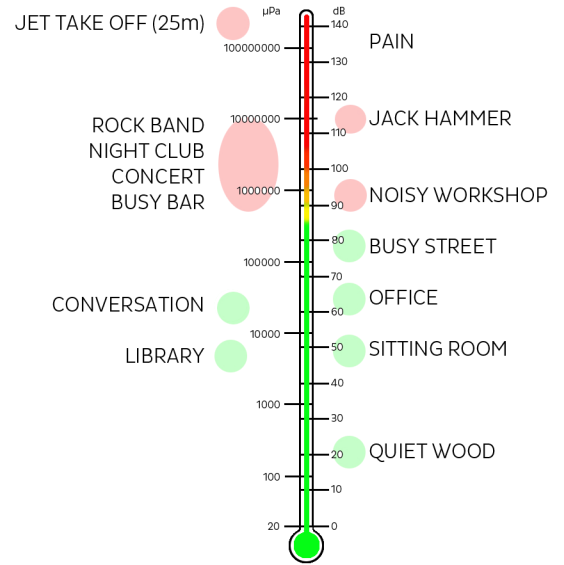


Sound pressure level or sound level is a logarithmic measure of a sound relative to a reference value (what we can just hear) of 20 Pascal's (20µPa). Above this level sound is measured in Decibels (dB) to simplify the calculation of a sound. Each 3dB increase **DOUBLES** the sound intensity and halves the safe exposure time.

The point at where the pain threshold is reached is between 135 and 140dB. In reality, this is more than one hundred million times more pressure than the point at which we can start to hear!



The above chart provides information showing approximately for how long and at what sound levels you can wear all the Pro-series hearing protection models safely. Pro-impulse also has protection against impulse sounds such as gunshot, explosions and sudden impact noise