



Caution: Prolonged loud sounds will cause permanent hearing loss!

Here at Heavenly Soundworks our motto is “Sound Made Beautifully”. But what’s the use of having beautiful sound if you can’t hear it. We want you to be a happy customer from now until eternity, so we’re sending along this guideline with each of our loudspeaker systems.

We recommend purchasing a portable sound pressure level (or “SPL”) meter, or downloading one of the many available for your smart phone or tablet.

Permanent hearing loss is exactly that... PERMANENT! Once you lose it, you will never get it back.

Most all of our loudspeakers are capable of very loud volumes, so we recommend checking their SPL occasionally to protect your hearing and those around you.

Our loudspeakers are meticulously designed to be enjoyed at many different sound levels, from low to high, with built in presets for different listening volumes.

Sound-level meters measure noise levels. We record noise levels in decibels, or dBA. The higher the noise level, the louder the noise.

You can listen to sounds at 70 dBA, or lower, for as long as you want. Sounds at 85 dBA can lead to hearing loss if you listen to them for more than 8 hours at a time. Sounds over 85 dBA can damage your hearing faster. The safe listening time is cut in half for every 3dB rise in noise levels over 85 dBA. For example, you can listen to sounds at 85 dBA for up to 8 hours. If the sound goes up to 88 dBA, it is safe to listen to those same sounds for 4 hours. And if the sound goes up to 91 dBA, your safe listening time is down to 2 hours. Don’t be fooled by thinking your ears are “tough” or that you can “tune it out”! Noise-induced hearing loss is usually slow and painless, but it is permanent.

Please familiarize this chart for future use.

Continuous dB	Permissible Exposure Time
85 dB	8 Hours
88 dB	4 Hours
91 dB	2 Hours
94 dB	1 Hour
97 dB	30 Minutes
100 dB	15 Minutes
103 dB	7.5 Minutes
106 dB	<4 Minutes
109 dB	<2 Minutes
112 dB	~1 Minute
115 dB	~30 Seconds