



### 3D Active Ambient IEM System

Introduced in 2006 and awarded U.S. Patent #8,160,261, the 3D remains the world's only active ambient IEM system. Embedded binaural mics within custom-fit earphones add natural ambient sound to the IEM mix through a bodypack mixer, yet with the full isolation of soft silicone earpieces. Optional features like Record Out and Bass Boost are available through our Custom Shop.



### 2X-S, 2MAX and 3MAX Custom Earphones

Designed for the rigors of life on the road, our IEMs are legendary among musicians and sound engineers for their exceptional sound quality, unsurpassed isolation, and long-wearing comfort. For reference-standard sonic accuracy, we offer the 2X-S and 2MAX dual-driver models. Our 3MAX triple-driver starts with the same sound signature, but adds a subtly seductive enhanced bass response. All feature our medical-grade soft silicone earpieces and field-replaceable coaxial cable. Custom colors available. (Note: Sensaphonics also offers custom-fit sleeves for most Shure earphones.)



### ER Series Musician Earplugs

Experience safer listening with natural, high fidelity sound. Our custom earplugs are made from soft silicone for superior comfort and fit. Choice of -9 dB, -15 dB and -25dB replaceable filters. Custom colors available.

### dB Check In-Ear Sound Level Analyzer

The only IEM device that measures the actual sound pressure level with the earphones in place. The dB Check (U.S. patent #8,218,784) displays SPL and safe exposure time, allowing you to make an informed choice of how loud to listen.



### MUSICIAN TIPS FOR SAFE LISTENING

Live music is loud. We get that. In fact, we like it loud, too. But loud can be dangerous. Long-term exposure can damage your hearing. Few things are more tragic than a musician whose career has been compromised by tinnitus or other music-induced hearing disorders. Protect your hearing by following these simple tips:

- Get a baseline hearing test from your audiologist.
- Use isolating earphones for stage monitoring.
- Use both earpieces! Wearing just one is dangerous.
- Learn to monitor at safe levels. Our dB Check level analyzer can show you how.
- Avoid vented earpieces, which eliminate isolation.
- Wear quality earplugs in all high-noise environments.
- Beware of signs of overexposure, such as ringing (tinnitus), temporary threshold or frequency shifts, and increased sensitivity (hyperacusis).
- Re-check your hearing annually to detect any changes.

You check your eyes and teeth annually. Your ears deserve the same!

### SENSAPHONICS - OUR PHILOSOPHY

Sensaphonics designs truly innovative earphones and related products for superior, reference-quality sound while still promoting hearing health. Our earphones are professional audio products, built for the demanding needs of musicians and sound engineers.

#### Commitment to Custom Fit

It's a fact: custom earphones fit and sound better – significantly better. Sensaphonics earpieces fit deep into the ear canal for maximum broadband isolation. This higher degree of isolation increases the signal-to-noise ratio, allowing full-range, high-resolution monitoring at safer volume levels. Nothing else is good enough.

#### Silicone Superiority

Handcrafted by skilled artisans in our lab, our earpieces are made from 100% medical-grade silicone. This uniquely flexible material creates and maintains a deep, tight seal that “moves” with the ear canal for superior bass response, maximum isolation and long-wearing comfort. The silicone also acts as a shock absorber, protecting the electronics from damage.

#### A History of Innovation

From the first dual-driver custom earphone (1995) to the use of silicone in earphones and earplugs (2000), Sensaphonics has been an industry leader. That tradition continues today with patented “firsts” like the 3D Active Ambient™ IEM System (2006) and the dB Check™ In-Ear Sound Level Analyzer (2009).

Sensaphonics founder Dr. Michael Santucci has dedicated his life to helping musicians achieve a better on-stage experience and longer, more productive careers. Sensaphonics also has an audio engineering consultant on staff, operates a Musicians Hearing Clinic in Chicago, and has a nationwide network of audiologists trained in the art of working with musicians and IEMs.

For detailed product information and expert advice on hearing health and related topics, please visit our website:

[www.sensaphonics.com](http://www.sensaphonics.com)