**SE846 COMPONENTS**

**A** Rugged Ergonomic Housing
The low-profile design features durable, sweat-resistant construction, built to fit comfortably in the ear and withstand the extremes of on-stage or everyday wear.

**B** Driver Carrier
Indicates right (red) or left side (clear) and securely holds the driver unit in place.

**C** Driver Assembly Unit
Precision engineered component composed of four High-Definition MicroDrivers (dedicated high, mid, and dual low frequency speakers) and ground breaking low-pass Filter design. Acts as the earphone’s engine to deliver true subwoofer performance with extended high-end clarity.

**D** Shock Isolator
Shock protector that guards the MicroDrivers against sudden impact.

**E** Driver Acoustic Seal
Maintains the integrity of the acoustic system while efficiently directing audio to the nozzle.

**F** Nozzle Interface
Laser etched with the SE846 model number, the nozzle interface joins the acoustic and nozzle seals to the stainless nozzle, efficiently directing the sound to the nozzle.

**G** Nozzle Interface Seals
Comprised of two seals that securely integrate the nozzle interface with the stainless nozzle. One is designed for environmental protection against moisture/perspiration, and the other for acoustics.

**H** Nozzle Insert
Removable filtered tube that sits inside the stainless nozzle. Three options included provide the option to change the sound signature with a shift of about 3-5 dB in the 1 kHz – 8 kHz range.

**I** Stainless Steel Nozzle
Specially angled metal tube ensures efficient audio delivery and ergonomic fit. Removable for easy cleaning or replacement for customizing frequency response.

**J** Stainless Steel Threaded Collar
Removable to allow for stainless nozzle replacement and cleaning. Ensures snug/correct fit of the nozzle and nozzle inserts into the nozzle interface unit.

**K** Detachable Cable
Wireform fit ensures secure placement, detachability for easy replacement or customization, and Kevlar™ reinforced for durability. Worn over the ear.

**L** Sound Isolating™ Sleeve
Selection of foam and flex sleeves create a customized fit and comfortable seal that blocks background noise.
Internal Three-Way Crossover
Capacitors and resistors built to route specific frequencies to the appropriate MicroDrivers ensuring clarity across the audio spectrum.

Dual Vented Low Frequency MicroDrivers (01 + 02)
Audio signal from these dual MicroDrivers travels though the low-pass filter, allowing low frequency roll-off to begin at 75Hz without introducing distortion and providing true subwoofer performance with deep, accurate bass.

High Frequency MicroDriver (04)
Designed for extended high-end clarity and low distortion.

Mid Frequency MicroDriver (03)
Custom-engineered to blend with the low and high frequency drivers. The audio signal is routed through a special microscopic electroform damper fabricated into one of the stainless steel plates in the low-pass filter design, avoiding comb filtering at the crossover regions and providing a smooth, clean presence.

Low-Pass Filter
Composed of ten small stainless-steel plates laser welded to the front of the driver assembly unit, the groundbreaking design forms 4 inches of high acoustic mass path which naturally allows for low frequency roll-off to begin at about 75Hz without distortion or artifacts.