E15

The Adamson E15 is a 3 way, true line source enclosure, incorporating proprietary transducer and waveguide technology which reduces weight and minimizes the footprint. The heart of the E15 is the E-Capsule, which is precisely engineered and constructed of lightweight aluminum. The patent pending skeletal structure provides an accurate and rigid frame for mounting the modular aircraft grade steel Autolock™ rigging system, while simultaneously housing a series of efficient mid-high components coaxially mounted on Adamson's pioneering Co-Linear Drive Modules.

Two vector corrected low-excursion 7" Kevlar Neodymium midrange transducers paired with two next generation 4" HF compression drivers energize the drive modules and provide seamless mid-high energy with no audible distortion at very high SPL levels. Critically optimized waveguides based on a prolate-spheroidal geometry ensure precise pattern control and minimum THD, producing a dispersion pattern of 90° x 6° (H x V). The E-Capsule is flanked with two separate birch ply enclosures, each containing Adamson's proprietary Kevlar Neodymium 15" woofer, capitalizing on the advantages of Adamson's Advanced Cone Architecture and optimized heat dissipation management of the 4" voice coil.

Specifications

Frequency Range (+/-3 dB)	60 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	90° x 6°
Maximum Peak SPL**	147 dB
Components LF	2x ND15-L 15" Kevlar Neodymium Driver
Components MF	2x YX7 7" Kevlar Neodymium Driver
Components HF	2x NH4TA2 4" Diaphragm / 1.5" Exit Compression Driver
Nominal Impedance LF	2x 8 Ω
Nominal Impedance MF	16 Ω
Nominal Impedance HF	16 Ω
Power Handling (AES / Peak) LF	2x 800 / 2x 3200 W
Power Handling (AES / Peak) MF	700 / 2800 W
Power Handling (AES / Peak) HF	320 / 1280 W
Rigging	Autolock™ Rigging System
Connection	2x Speakon™ NL8
Height Front (mm / in)	391 / 15.4
Height Back (mm / in)	333 / 13.125
Width (mm / in)	1306 / 51.4
Depth (mm / in)	544 / 21.4
Weight (kg / lbs)	79.8 / 176
Processing	Lake

***12 dB crest factor pink noise at 1m, free field using specified processing and amplification*