E12

The Adamson E12 is a 3 way line array enclosure, incorporating proprietary transducer and waveguide technology which reduces weight and minimizes its footprint. The heart of the E12 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 ultra-efficient mid-high components coaxially mounted on Adamson's modified E12 Co-Linear Drive Module.

A vector corrected low-excursion 7" Kevlar Neodymium midrange transducer paired with a next generation 4" HF compression driver energize the drive module and provide seamless mid-high energy with no audible distortion at very high SPL levels. The critically optimized waveguide, based on a prolate-spheroidal geometry ensure precise pattern control and minimum THD, producing a dispersion pattern of 110° x 8° (H x V). The E-Capsule is flanked with two separate birch ply enclosures, each containing Adamson's proprietary Kevlar Neodymium 12" 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	110° x 8°
Maximum Peak SPL**	145 dB
Components LF	2x ND12-S 12" Kevlar Neodymium Driver
Components MF	YX7 7" Kevlar Neodymium Driver
Components HF	NH4TA2 4" Diaphragm / 1.5" Exit Compression Driver
Nominal Impedance LF	2x 8 Ω
Nominal Impedance MF	8 Ω
Nominal Impedance HF	8 Ω
Power Handling (AES / Peak) LF	2x 800 / 2x 3200 W
Power Handling (AES / Peak) MF	350 / 1400 W
Power Handling (AES / Peak) HF	160 / 640 W
Rigging	Autolock™ Rigging System
Connection	2x Speakon™ NL8
Height Front (mm / in)	358 / 14.1
Height Back (mm / in)	282 / 11.1
Width (mm / in)	1111 / 43.75
Depth (mm / in)	543 / 21.4
Weight (kg / lbs)	59.9 / 132
Processing	Lake

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

1111 mm / 43.75 in

543 mm / 21.4 in

281 mm / 11.1 in

358 mm / 14.1 in