

TAD

TECHNICAL AUDIO DEVICES LABORATORIES, INC.

SPEAKER SYSTEM
Evolution One
TAD-E1AX



TAD-E1AX-K



TAD-E1AX-GW

TAD Evolution One AX Specifications

•Model No./ TAD-E1AX-K, TAD-E1AX-GW •Type/ 3-way, bass-reflex floor-standing speaker system •Drive units/ Woofer: 16cm cone x 2; Midrange/tweeter: Concentric 9 cm midrange and 2.5 cm dome tweeter •Performance data/ Frequency response: 29Hz to 60kHz; Crossover frequencies: 420 Hz, 2.5 kHz; Maximum input: 200 W; Sensitivity: 88 dB (2.83 V, 1 m); Nominal impedance: 4 Ω; Weight: 54kg per unit; Dimensions: 347 mm (W) x 1,146 mm (H) x 518 mm (D) •Accessories/ 2 woofer grilles, 2 short cables, 3 cone-shaped spikes, 2 auxiliary feet, 3 spike holders, 4 non-slip pads, cleaning cloth, owner's manual

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TAD

Evolution Series

SPEAKER SYSTEM
Evolution One



*Meticulously refined to evoke
uncharted emotions*



Clear and vivid sound reproduction

The TAD-E1AX speaker system incorporates TAD's proprietary Coherent Source Transducer (CST) driver, designed to reproduce truly natural sound. The compact version of the already proven 14cm CST driver embodies TAD's long-held point-source sound concept. In addition, the directivity of the concentrically mounted midrange and tweeter is finely controlled and perfectly aligned to eliminate even the smallest disruption of sound. Just like the tweeter found in TAD's top-of-the-line R1TX speaker system, the E1AX's tweeter is made of a light yet rigid beryllium diaphragm engineered and manufactured with precision using our proprietary vapor-deposition technique. The result of all these ingenious designs is the consistent sound image localization and a natural sound field reproduction over a wide frequency range from 420 Hz to 60 kHz.



Incredibly expansive mid-to-low frequency range

The 16cm woofer employs a Multi-layered Aramid Composite Cone (MACC) diaphragm to achieve greater strength, improved internal-loss characteristics, and ideal vibrational behavior. The MACC diaphragm is composed of layers of woven aramid fabric and non-woven fabric of different material formed individually, then laminated to form a single composite cone, and is driven by a Linear Drive Magnetic Circuit (LDMC) with outstanding linearity. All this attention to detail contributes to a rich, distortion-free low-frequency-range sound, as well as a mid-to-low-frequency range free of unwanted coloration.



Rich and natural-sounding bass

The Bidirectional ADP (Aero-Dynamic Port) System positions a port at the base of the enclosure, with its openings facing the front and rear. The port features a horn-shaped interior that reduces port noise and enhances efficiency in driving the port, resulting in clear and responsive sound in the mid-to-low frequency range. The combination of the port flare crafted from die-cast aluminum with the symmetrical front-back layout effectively counteracts the physical force that vibrates the enclosure, thereby contributing to the reproduction of powerful bass. Moreover, the 10 mm-thick machined steel base plate attached to the enclosure's bottom enhances its stability when placed on the floor, counterbalancing the reaction caused by the powerful driving force of the twin woofers.

