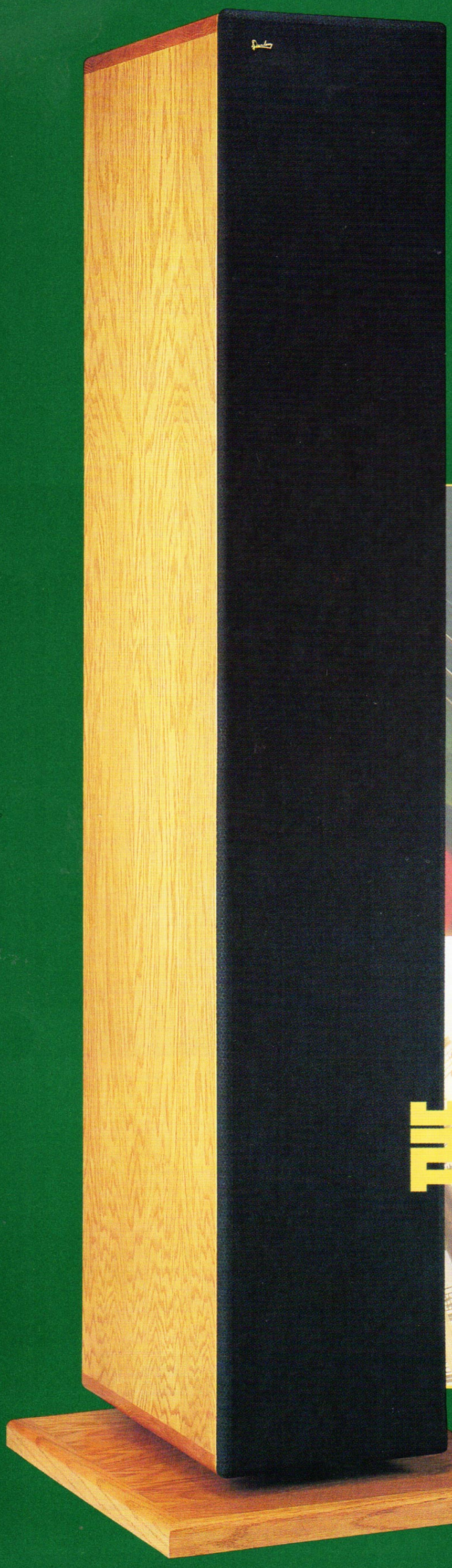
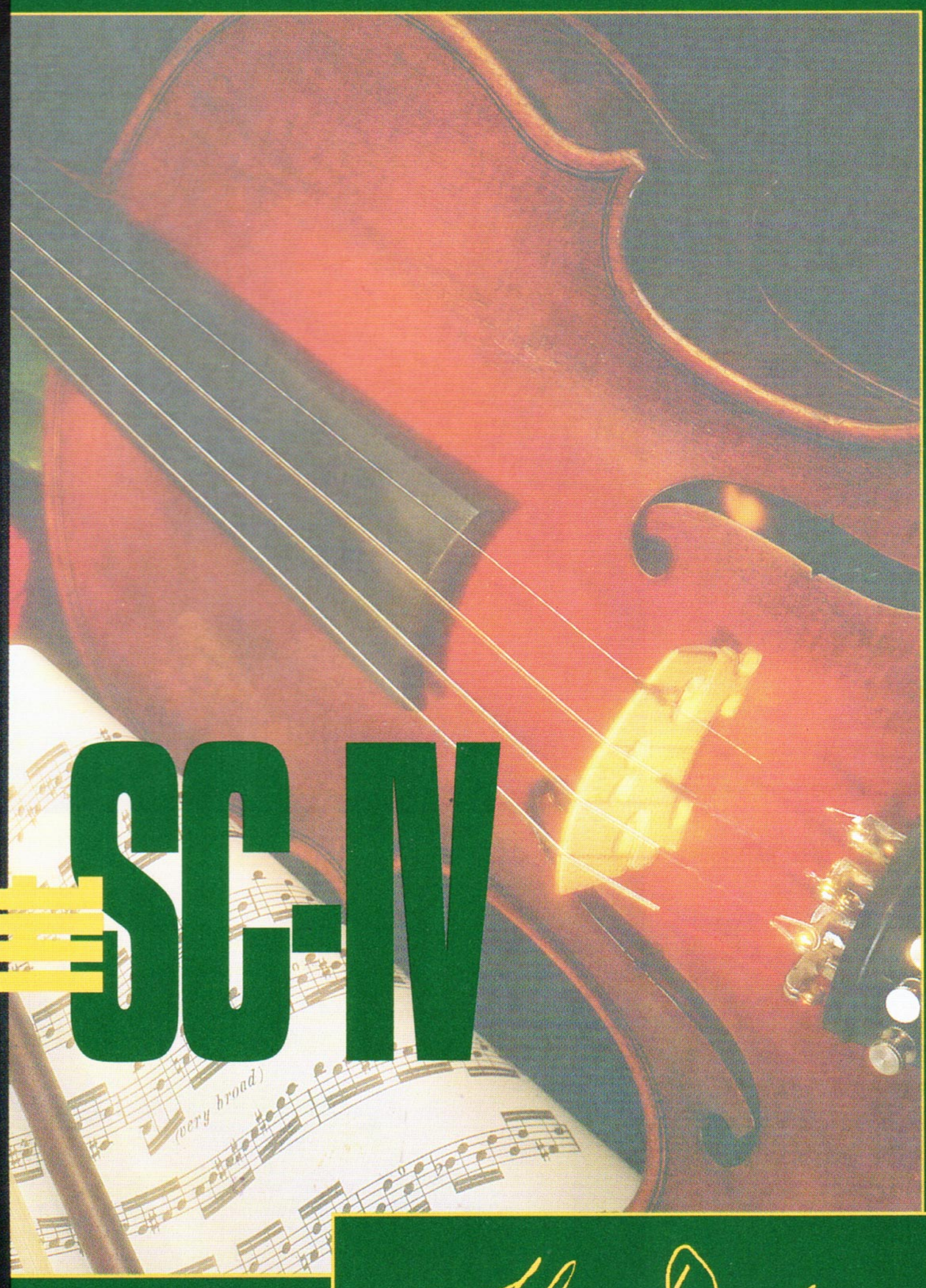


A Reference-Standard Loudspeaker With Accurately Documented Performance



SC-IV

John Dunlavy

SIGNATURE COLLECTION

THE SC-IV

A TRUE REFERENCE-STANDARD LOUDSPEAKER FROM THE NEW

John Dunlavy

SIGNATURE COLLECTION

TECHNICAL SPECIFICATIONS

ELECTRICAL*

Amplitude/Frequency Response: On-axis +/- 2 dB from 37 - 20,000 Hz (Approx. -6 dB at 27 Hz)

Efficiency: Approximately 91 dB SPL at 1 meter for an input of 2.83 Volts RMS

Impedance: Nominal 5 Ohms (3 ohms min, & 7.5 ohms max. including bass resonance)

Pulse-Coherence: Impulse response is equal to or better than most CD players and D/A converters (at 10 feet on-axis)

Radiation Patterns: Precisely symmetrical in both vertical and horizontal planes

Diffraction Distortion: Virtually eliminated by the use of efficient sound absorbing material**

Drivers: Two 10" Woofers, two 5 1/2" Mids and one 1" Tweeter

Recommended Amplifier Power: Minimum of 100 w/ch into 8 ohms

Recommended Listening Distance: From 8 to 25 ft.

**measured at 73 deg. F (23 deg. C)*
***United States Patent #4,167,985, issued 9/18/79*

PHYSICAL

Size: (approximate): 72" high X 12" wide X 18" deep.

Weight: (approximate): 180 lbs. each.

Material: 1" thick MDF with American oak veneer

Finish: The SC-IV is finished in American oak veneer, light or black.

WARRANTY

Five year transferable limited manufacturers warranty covering all components and labor. (Does not cover any components damaged by excessive abuse.)

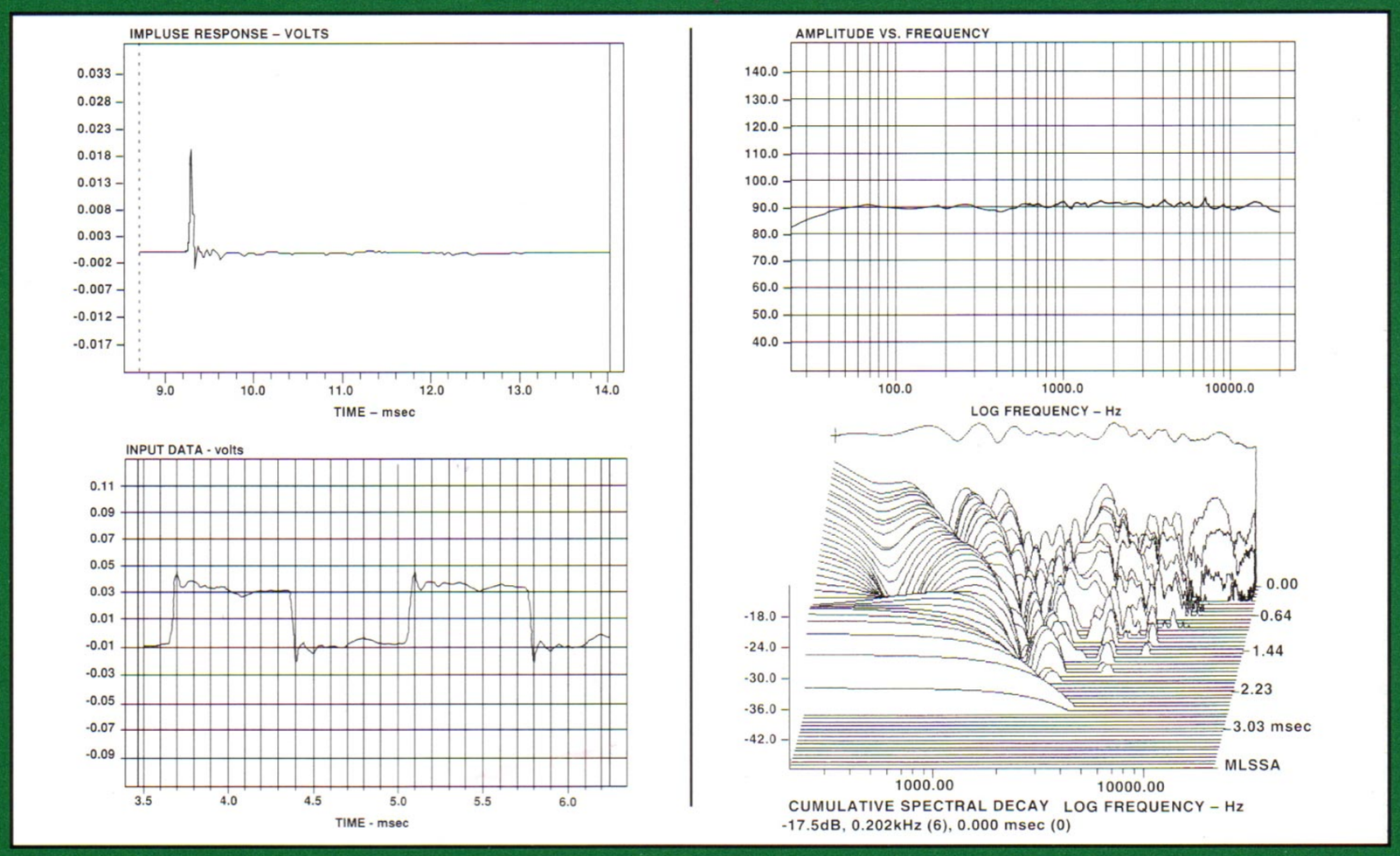
Dunlavy Audio Labs, Inc.
P.O. Box 49399
Colorado Springs, CO
80949-9399
Phone 719 592-1159
Fax 719 592-0859

The accurately-documented performance of the SC-IV clearly establishes it as a credible new reference-standard loudspeaker for the entire audio community. The SC-IV incorporates several important and meaningful advances in technology, features and performance that cannot be found in any competitive loudspeakers, except for other models made by DAL. For example, the impulse response of the SC-IV (a critical performance parameter that correlates very well with perceived realism) is equal to or better than that of most CD players and D/A processors.

Equally important, the design of the SC-IV was accomplished using measurement distances of 10 to 12 feet, rather than the usual 1 meter or 45 inches (distances too small to permit correlation with behavior at typical listening distances). Also, DAL loudspeaker measurements (including quality-control) are closely supervised by a highly-competent engineering staff with the product located within a large anechoic chamber, which is part of what is believed to be one of the best-equipped and most advanced audio laboratories in the world. SC-IV is intended to fill the void for an affordable full-range loudspeaker, capable of almost flawlessly emulating a live performance. Indeed, within a good listening environment, a pair of SC-IV monitors can recreate well-recorded music with a level of technical and musical precision that can only be described as an exceedingly close encounter with the original live performance.

The unique accuracy of the SC-IV is traceable to the meticulous attention given to design goals such as extremely flat amplitude and phase response, very low distortion, true "Pulse Coherent"™ performance, point-source radiation, inaudible cabinet diffraction**, symmetrical radiation patterns, broad vertical/horizontal dispersion and precise pair matching. Also, DAL's manufacturing process requires 100% Q.C. testing of every sub-assembly and each assembled loudspeaker. Crossovers use only the highest-quality components like fiberglass PC boards, air-core inductors and hi-Q polypropylene capacitors. The optimally-damped and sealed woofer enclosure of the SC-IV yields very natural and life-like reproduction of organs, drums and double-basses. Its high efficiency, coupled with a very flat and largely resistive impedance curve, means easy driving with most high-quality amplifiers. The appealing cosmetic aspects of the SC-IV ensures its acceptance for placement within most rooms of modest size.

The SC-IV was designed by John Dunlavy (CEO of DAL), an engineer/scientist with over 40 years of professional-level experience. He is well known and respected internationally for his many patents, technological breakthroughs, technical/scientific papers and product designs in audio, antennas and electronics. For example, Mr. Dunlavy was the original inventor of the log-periodic antenna principle (1951), the first miniaturized 2-30 MHz uni-directional antenna (1963), the use of absorbing material to eliminate loudspeaker distortion caused by diffraction from cabinet edges (1979) and the famous MX-10 moving coil pre-preamp, still without peer (1977).



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