

# SC-III

## A REFERENCE-STANDARD LOUDSPEAKER WITH ACCURATELY DOCUMENTED PERFORMANCE FROM THE NEW

*John Dunlavy*

### SIGNATURE COLLECTION

#### ELECTRICAL\*

##### Amplitude/Frequency

Response: +/- 2 dB from  
50-20,000 Hz (Approx.  
-6dB at 35 Hz)

Efficiency: Approximately  
91 db SPL at 1 meter for an  
input of 2.83 volts RMS

Impedance: Nominal 4  
ohms (min. = 3 ohms Max.  
= 5.5 ohms, incl. bass reso-  
nance)

Pulse Coherence: Impulse  
response is equal to or better  
than most CD players and  
D/A converters.

##### Radiation Patterns:

Precisely symmetrical in  
both vertical and horizontal  
planes

##### Diffraction Distortion:

Virtually eliminated by the  
use of efficient sound  
absorbing material\*\*

Drivers: Two 7" (178 mm)  
woofers, two 5 1/2" (140  
mm) bass-mids and one 1"  
(25 mm) tweeter

##### Recommended Amplifier

Power: Minimum of 100  
w/ch into 4 ohms

\* measured at 73 deg. F (23  
deg. C)

\*\*US Patent #4,167,985,  
Issued 9/18/79

#### PHYSICAL

Size: 72" (1829 mm) high  
X 9" (229 mm) wide X 12"  
(305 mm) deep

Weight: 80 pounds (36  
kilos)

Material: 3/4" MDF with  
American oak veneer

Finish: The SC-III is fin-  
ished in American oak  
veneer, light or black.

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

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The SC-III follows in the footsteps of the SC-II with the same technology and many of the same components but with five rather than three speaker drivers (2-woofers, 2-mids and 1-tweeter) in a larger enclosure. The addition of two woofers enhances and extends the low-bass response of the loudspeaker (only -6 dB at 35 Hz). Designed by internationally-known and respected John Dunlavy, the SC-III is intended to fill the void for a credible and affordable loudspeaker, capable of almost flawlessly emulating a live performance. Its well-documented and guaranteed performance establishes a new standard of accuracy for the audio industry. The SC-III utilizes proprietary new-generation technology developed by Mr. Dunlavy during more than

twelve months of intensive research in one of the world's most advanced and best-equipped audio labs. In every single performance category, it is without peer in its class. Within a good listening environment, a pair of SC-III loudspeakers can re-create 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-III is traceable to the meticulous attention given to design goals such as extremely flat amplitude and phase response, very low distortion, true "time/space collimation"™ (pulse-coherency), 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 sealed woofer enclosure of the SC-III 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-III ensures its acceptance for placement within most rooms of small to modest size.

