

# ALLISON

ROOM-MATCHED  
LOUDSPEAKER  
SYSTEMS

ALLISON: SEVEN

ALLISON: EIGHT

ALLISON: NINE

Allison Models Seven, Eight, and Nine are strikingly contemporary in appearance. Their simple geometric shapes are beautifully executed in fine oak veneers and finished in hand-rubbed lacquer. One critic has called the Allison: Nine the best-looking loudspeaker system ever produced in America.

These additions to the Allison line of Room-Matched loudspeakers extend the options available in both bookshelf and floor-standing systems, providing a choice in styling as well.

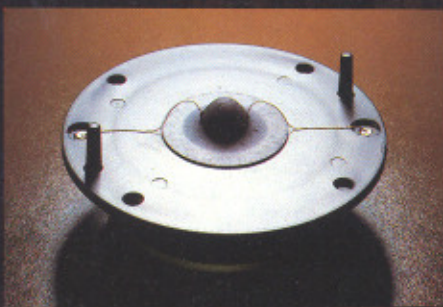
## DESIGNING FOR ACCURACY

Beauty may be a matter of taste, but technical performance is not. Our primary performance goals are

- Uniform (flat) acoustic power output capability over a wide audio frequency range
- High output capability with lowest possible distortion
- Very broad dispersion at all frequencies
- Maximum reliability through sophisticated engineering and rigid quality control
- Convenience and flexibility in placement

These goals have been attained in Allison loudspeakers through a variety of proprietary techniques.

One of the most important of these techniques is Room-Matched design. Domestic living rooms alter the power response of all



The Allison tweeter, whose convex diaphragm simulates the motion of an expanding/contracting hemisphere, is used in every Allison speaker system.

loudspeakers placed in them. This change is very significant (10 dB or more); it produces increased output at certain frequencies and decreased output at others; and the frequencies affected change as the loudspeaker position is changed. The only possible way to obtain flat power performance in a room is to consider the room as part of the system, designing the loudspeaker for use in conjunction with 1, 2, or 3 intersecting surfaces (walls, floor and/or ceiling). Designing loudspeakers for use close to room walls also has an important side benefit: a minimum of valuable floor area is occupied.

Room-Matched design is not a subtle advantage. It makes a major audible improvement in accuracy. Roy Allison did the original research on the room/loudspeaker interface, and Allison Acoustics holds the only patent on its solution. Allison loudspeaker systems (including models Seven,

Eight, and Nine) solve this problem in the most effective and elegant way.

Another significant advantage is that we make all our own woofers, mid-range drivers, tweeters, and crossover networks in our Massachusetts factory, rather than buying them from large "OEM" suppliers. Thus we are able to design these individual components as part of the complete system; we don't have to make do with whatever standard speakers are available. Making our own also gives us much greater control of quality.

A third factor enabling us to achieve high accuracy in Allison loudspeaker systems is the unique design of our mid-range drivers and tweeters, which function effectively as pulsating hemispheres. Our convex-diaphragm tweeter has more uniform dispersion at the highest frequencies than any other tweeter made. This is important for several reasons: flatter power output, better stereo imaging over a large listening area, and a more accurate simulation of the original space around the image. The net result is sound reproduction which musicians and experienced concert-goers immediately recognize as being very close to the real thing.

## WARRANTY

Allison was the first loudspeaker manufacturer to offer a Full Warranty for Five Years, and it still applies.





Eight

Nine

Seven

## ALLISON:SEVEN

*A uniquely attractive visual design, brilliant technical performance, and a remarkably low price make the Allison:Seven one of the most exciting speaker systems of the decade.*

*The model Seven is a floor-standing system designed to work best where it takes least space in the room: with its back close to a room wall. Its patented Room-Matched configuration produces a flat, smooth acoustic power response over a very wide frequency range. An 8-inch long-excursion woofer gives the Seven especially satisfying low-frequency performance.*

*With its Allison convex-diaphragm tweeter and top-mounted woofer, the Seven is essentially omnidirectional in the forward hemisphere, a feature it has in common with all Allison loudspeakers. This makes orientation quite uncritical. A pair can be used on the same wall, on adjacent intersecting walls, or even on facing walls at the end of a room away from the listening area.*

## ALLISON:EIGHT

*The Allison:Eight is in the class of "bookshelf" loudspeaker systems, but it is an exceptional member of the class.*

*Like most speakers of its size, it will fit very well on an open shelf because it is only 10 inches deep. It is designed to work best when placed with its back close to a wall, and so can be put on a table or any support well above the floor, or hung on a wall with suitable brackets.*

*In performance, however, the model Eight is unique among bookshelf speakers. It is a three-way system with Allison convex-diaphragm mid-range and tweeter units and 8-inch long-excursion woofer, arranged in our Room-Matched configuration and driven through a perfectly integrated crossover network. Two sets of linked input terminals provide the option of biampifier or conventional single-amplifier operation.*

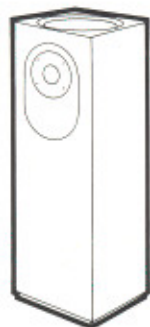
## ALLISON:NINE

*The Allison:Nine has a nickel-plated brushed steel base to support its handsome oak cabinet. Objectively, this system can produce as accurate a replica of the original music as is possible at the present time. While doing so it doesn't require a lot of living-room space; it was designed to work best when placed close to a single wall, where it occupies one square foot of floor area.*

*The Nine is a three-way system with Allison convex-diaphragm mid-range and tweeter units and a 10-inch long-excursion woofer, arranged in our unique Room-Matched configuration and driven through a perfectly integrated crossover network. Two sets of linked input terminals provide the option of biampifier or conventional single-amplifier operation.*

*The model Nine, like the model Eight, has controls to provide a choice of four subtly different power response characteristics to meet virtually any requirement.*

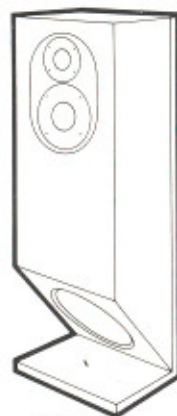
# SPECIFICATIONS



SEVEN



EIGHT



NINE

Models One through Six are described in our main catalog, available on request.

**Speaker Complement**  
(All drive units are manufactured and tested individually by Allison Acoustics)

**Woofers:** 8" (20.3 cm)  
**Tweeter:** 1" (2.5 cm)  
Allison Convex Diaphragm with Ferrofluid damping/cooling material

**Woofers:** 8" (20.3 cm)  
**Mid-range Unit:** 3 1/2" (8.9 cm) Allison Convex Diaphragm with Ferrofluid damping/cooling material  
**Tweeter:** 1" (2.5 cm) Allison Convex Diaphragm with silicone damping/cooling material

**Woofers:** 10" (25.4 cm)  
**Mid-range Unit:** 3 1/2" (8.9 cm) Allison Convex Diaphragm with Ferrofluid damping/cooling material  
**Tweeter:** 1" (2.5 cm) Allison Convex Diaphragm with silicone damping/cooling material

<b>Crossover Frequencies</b>	2000 Hz	450 Hz and 3750 Hz	350 Hz and 3750 Hz
<b>Crossover Network</b>	LC quarter-section. Air-core choke and computer-grade non-polar capacitor are used.	LC half-section at both crossover frequencies. Air-core chokes and non-polar computer-grade capacitors are used.	LC half-section at both crossover frequencies. Air-core chokes and non-polar computer-grade capacitors are used.
<b>Bi-Amp Connections</b>	No	Yes	Yes
<b>Level Controls</b>	None	Mid-range and Tweeter	Mid-range and Tweeter
<b>Impedance</b>	4 ohms	4 ohms	4 ohms
<b>Resonance Frequency</b>	52 Hz	52 Hz	45 Hz
<b>Low-frequency Performance</b>			
- 3 dB	41 Hz	41 Hz	35.5 Hz
- 6 dB	34.5 Hz	34.5 Hz	29.5 Hz
<b>Internal Volume</b>	1775 cu. in. (29.1 liters)	1700 cu. in. (27.9 liters)	2800 cu. in. (45.9 liters)
<b>Sensitivity, SPL</b>	87 dB, 1w/1m	87 dB, 1w/1m	87 dB, 1w/1m
<b>Amplifier Power</b>	15-150 watts per channel	30-200 watts per channel	30-200 watts per channel
<b>Weight</b>	22 lbs. (10 kg.)	29 lbs. (13.2 kg.)	55.5 lbs. (25.2 kg.)
<b>Dimensions (H x W x D)</b>	27 1/2 x 9 5/8 x 9 5/8 (70 x 24 x 24 cm)	12 1/4 x 20 x 10 (31 x 51 x 25 cm)	37 1/4 x 12 1/2 x 10 3/4 (95 x 32 x 27 cm)
<b>Finish</b>	Oak or Walnut	Oak or Walnut	Oak or Walnut
<b>Suitable for use with The Electronic Subwoofer™</b>	Yes	Yes	Yes
<b>Franchised Dealer</b>			

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