

Not too long ago, high fidelity components were of interest only to a special breed of enthusiast—the audiophile, devotee to acoustic experimentation and the technical wonders of sound reproduction.

Today, thanks to the audiophile's zeal, audio componentry has attracted the attention of a different kind of enthusiast—the pure music lover. His interest is less in the technicalities of good sound reproduction, more in the increased enjoyment he gets from his music when it's well reproduced.

For the pure music lover, the information in this catalog and some comparative listening will generally be all that's needed to select sound equipment that will fully satisfy his personal listening preferences. For the audiophile, however, additional technical data may be required before his decision can be made.

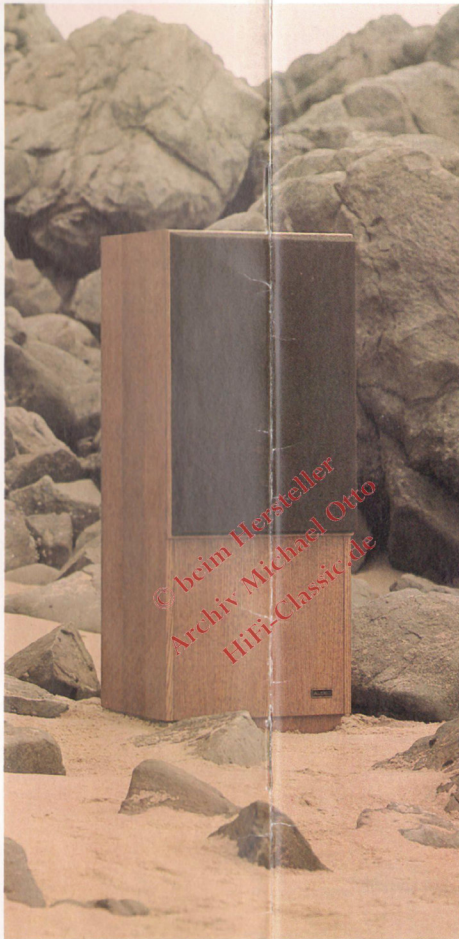
At Altec, we've assembled a staff of knowledgeable audio experts for just that reason. They call themselves the Audio Information Group, and their only function is to use their years of experience in sound to add to your years of sound experience.

Should you have any questions on Altec products, please feel free to call or write to our Audio Information Group. We assure you that your inquiry will be answered promptly and as completely as possible.

**ALTEC**  
SOUND PRODUCTS DIVISION

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AL-1050-4



Professional sound requirements are demanding and critical. Theatres, auditoriums, arenas, stadiums, rock concerts—places where thousands of people depend upon good sound to add to their enjoyment. And places like the recording studio, where only one man's supersensitive ear must be satisfied—the professional recording engineer.

Altec has been meeting these critical demands for more than three decades. We've done it by consistently providing sound products designed without compromise. Products that have always been skillfully crafted to achieve the specific end result required—and then some. That's why more people have heard the sound of Altec in professional installations throughout the world. That's why the great majority of audio professionals have chosen the sound of Altec year after year. And still do.

The Altec home entertainment products in this catalog have been designed by the same guiding principle. Each loudspeaker, each piece of electronics shown has been created to achieve the best possible end result for the discriminating listener. That end result is rich, pure, satisfying home reproduction of today's dynamically recorded music.

Before you make your final selection, compare Altec quality, Altec craftsmanship and Altec performance with any other home music equipment available. Listen to the end result of 35 years of Altec sound involvement. And listen carefully.

The difference you'll hear is the sound of experience.

1974

## Altec Floor Standing Loudspeaker Systems

The sound of experience wrapped in the look of luxury.

**A. The 873A Barcelona** — A high fidelity tour de force. Powerfully deep bass response, pleasingly smooth midrange and precise high frequency delineation from Altec's massive 15" 411-8A Dynamic Force low frequency speaker and famous "Voice of the Theatre" 500 Hz high frequency system. Hand-rubbed walnut and handsome fretwork blend gracefully with room decor rather than overpower it. Available with the optional 770A Electronic Crossover/Biampifier installed. **(Model 2873A)**  
29 7/8" x 38 1/2" x 25" deep.

**B. The 878B Santiago** — Crowned with inset composition slate and softly accented by a contoured grille, the Santiago proves that contemporary styling can still be classically elegant. Inside its oiled walnut cabinet, the 15" 411 Dynamic Force low frequency speaker and 800 Hz "Voice of the Theatre" high frequency system lets you hear your music as it was first heard in the recording studio. Available with the optional 770A Electronic Crossover/Biampifier installed. **(Model 2878B)**  
30 1/4" x 26 5/8" x 19 1/2" deep.

**C. The 846B Valencia** — The Valencia's dramatic reticulated foam grille demonstrates the esthetic flexibility and acoustic transparency of this contemporary material to perfection. Enclosed in premium hand-finished oiled walnut, the renowned A7-B "Voice of the Theatre" components — a high efficiency sound system long considered the industry standard. Unequaled for incisive, definitive reproduction. Also available in unfinished birch. **(Model 846U)**  
29 3/4" x 26 1/2" x 20 1/4" deep.

**D. The 879A Santana** — Black composition slate top. Richly textured fabric grille. Warm hand-finished walnut all the way around — even on the back. Hidden connectors. Add it all up, and you've got a speaker system that's as functional as it is attractive... a speaker system that can be set anywhere without exposing a single unfinished surface. Altec's patented 15" Bitflex speaker and a high frequency direct radiator reproduce music with all the dynamics and definition that today's fine recordings deserve.  
24 3/4" x 20" x 17" deep.



## Altec Compact Loudspeaker Systems

The sound of experience in contemporary dimensions.

**A. The 874A Segovia** — Here's professional performance scaled to meet the needs of today's life style. Select oiled walnut and latticed fretwork conceal the powerful Altec 12" Dynamic Force low frequency speaker, 4" midrange direct radiator, a precision engineered dome high frequency reproducer, and matched dividing networks — a skillful combination of Altec technology that delivers astoundingly big sound. Smooth and accurate from below to above the limits of audibility, the Segovia demonstrates state-of-the-art loudspeaker design with vivid clarity.

25½" x 14½" x 17½" deep.

**B. The 891A Bookshelf** — An exciting new addition to the Altec quality line of compact loudspeaker systems. Its hand rubbed oiled walnut enclosure is enhanced by a sculptured grille of lobed reticulated foam, imparting the distinctive geometry of contemporary design with stylish subtlety. An advanced Dynamic Force low frequency speaker, specifically engineered for this system, recreates the deepest bass notes with ease. A matched dividing network and an extremely efficient high frequency direct radiator assure clean, uncolored performance through the vital midrange region and superb high frequency definition.

25½" x 14½" x 12½" deep.

**C. 891V** — Identical performance in every respect to the 891A, but finished in walnut grain vinyl with textured cloth grille. Astounding performance on a budget combined with unmatched Altec quality — that's the 891V.

25½" x 14½" x 11½" deep.

**D. The 887A Capri** — Fine fabric framed by the warmth of choice walnut make the Capri a pleasantly easy addition to any decorating scheme. Rated as the most accurate system in its price category by independent testing labs, its 8" acoustic suspension low frequency speaker and high frequency direct radiator reproduce music with amazing body and brilliance. You'll find it difficult to believe that it's all coming from such a modestly proportioned enclosure.

19" x 10" x 9" deep.



## Altec Stonehenge I and III Loudspeaker Systems

Like Stonehenge of ancient England, the Stonehenge series of speaker systems exemplify the state of the art in design, craftsmanship, and technology.

Stonehenge — a creation of a civilization so advanced it requires modern man's technology to begin to understand its significance.

Stonehenge — speaker systems so advanced only modern man's technology could have created them.

Both models are designed to deliver the overwhelming performance that only a true, full size floor model can produce, yet they occupy about the same amount of floor space as most compact speaker systems. The perfect answer to today's smaller living areas, and the ideal answer for four-channel sound.

### 819A Stonehenge I 3577A Stonehenge III

#### Speaker

<b>Components:</b>	414 Series, 12 inch frame bass driver, 15 BA high frequency driver.	604-8G Duplex Loudspeaker, 16 inch frame bass driver, coaxially mounted sectoral horn with compression driver.
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#### Crossover

<b>Frequency:</b>	1800 Hz	1500 Hz
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#### Nominal

<b>Impedance:</b>	8 Ohms	8 Ohms
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<b>Power Rating:</b>	45 Watts*	65 Watts*
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<b>Finish:</b>	Hand rubbed oiled Afrosian Teak.	Hand rubbed oiled white rift cut oak.
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<b>Grille:</b>	Integral snap on grille, covered in raw cocoa fabric.	Cocoa brown acoustic foam with oiled oak frame.
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<b>Dimensions:</b>	37½" H x 16" W x 14¼" D (95.2 cm H x 40.6 cm W x 36.2 cm D)	46¾" H x 18¼" W x 17¼" D (117.3 cm H x 47.5 cm W x 43.8 cm D)
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<b>Shipping Weight:</b>	90 lbs. (40.68 Kg)	130 lbs. (58.76 Kg)
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\*May be used for home entertainment use with amplifiers having up to equal continuous power rating.



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## Altec Loudspeaker Components / Utility Systems

The sound of experience for the creative audio craftsman

### Low Frequency Drivers

**A. 414-8B** A 12" bass speaker capable of reproducing low frequencies that most 15" units miss. A magnetic structure of more than 9 lbs. and a 3" edgewound voice coil significantly contribute to its high efficiency.

**B. 411-8A** Super transient response and bass reproduction below the limits of human hearing are hallmarks of this massive 15" Dynamic Force woofer. 18 lb. magnetic structure and 4" edgewound copper ribbon coil.

**C. 416-8B** Altec's famous "Voice of the Theatre" woofer. 16-inch frame, highly efficient 10½ lb. magnetic structure and 3" edgewound copper ribbon coil. (Available Fall 1974.)

### High Frequency Drivers

**D. 802-8D** A critically engineered compression driver designed for use with the 511B sectoral horn and N501-8A network. High power handling capacity and peak-free performance from the recommended 500 Hz Crossover point to beyond audibility.

**E. 806-8A** When combined with the 811B sectoral horn and N801-8A 800 Hz network, this massive compression driver delivers smooth range and accurate high frequency performance well beyond the limits of contemporary recordings.

**F. 427-8A** A 3.3 square inch cone type direct radiating tweeter of outstanding accuracy and incomparable craftsmanship. The heavy die cast frame is designed to completely house and protect the loudspeaker mechanism, while providing a beautiful finished appearance. Designed for use with the N1501-8A network and Altec high efficiency bass drivers.

### Extended Range Loudspeakers

**G. 420A Biflex** A 15" multiple compliance full range speaker. The heart of the B79A Santana, its high efficiency and smooth response make it an ideal choice for custom installations. Also available in a 12" version, the **419-8B (Not shown)**.

**H. 755E** An 8" extended range speaker designed for either infinite baffle or bass reflex enclosures. Flat "pancake" design (2¼" deep) makes it ideal for wall-mounting.

**I. 405A** A full range mini-speaker. Only 4" in diameter, yet capable of full bodied reproduction. An excellent choice for miniature bookshelf systems or two stereo installations.

### Coaxial Loudspeakers

**J. 601-8D Duplex** A true two-way system on a single chassis. Features a 12" high compliance low frequency cone and an integral cast zinc multical horn/driver. For enclosures as small as 2.5 cubic feet. The finest 12" coaxial system anywhere.

**K. 604-8G Duplex** Used by more recording studios for playback monitoring than any other loudspeaker. A 16" frame bass driver and coaxially mounted sectoral horn with compression type high frequency driver combine to produce distortion free bass, pure midrange, and unequalled point-source relationship. Includes performance matched 1500 Hz dividing network. Impedance 8 Ohms. (Available Fall 1974.)

**Not Shown: 605B Duplex** Similar in characteristics to 604-8G, but with a 16 Ohm impedance, slightly lower efficiency.

### Horns and Networks

**L. 511B** Cast aluminum sectoral horn with 90° horizontal and 40° vertical dispersion. Frequency cutoff: 500Hz. Recommended driver: 802-8D.

**M. 811B** Cast aluminum sectoral horn with a frequency cutoff of 800 Hz. Dispersion: 90° horizontal, 40° vertical. Recommended driver: 806-8A.

**N. N501-8A** 500 Hz "Voice of the Theatre" network with a continuously variable high frequency attenuation control. Designed for use with the 802-8D driver.

**O. N801-8A** The "Voice of the Theatre" series network designed for use with the 806-8A driver. Continuously variable high frequency attenuation. Crossover: 800 Hz.

**P. N1501-8A** A 1500 Hz network designed to precisely match the 427-8A high frequency loudspeaker with Altec high efficiency bass drivers. Push tab connectors and continuously variable shelving control.

**NOTE: All loudspeaker components and networks shown, unless otherwise stated, have a rated impedance of 8 ohms.**

