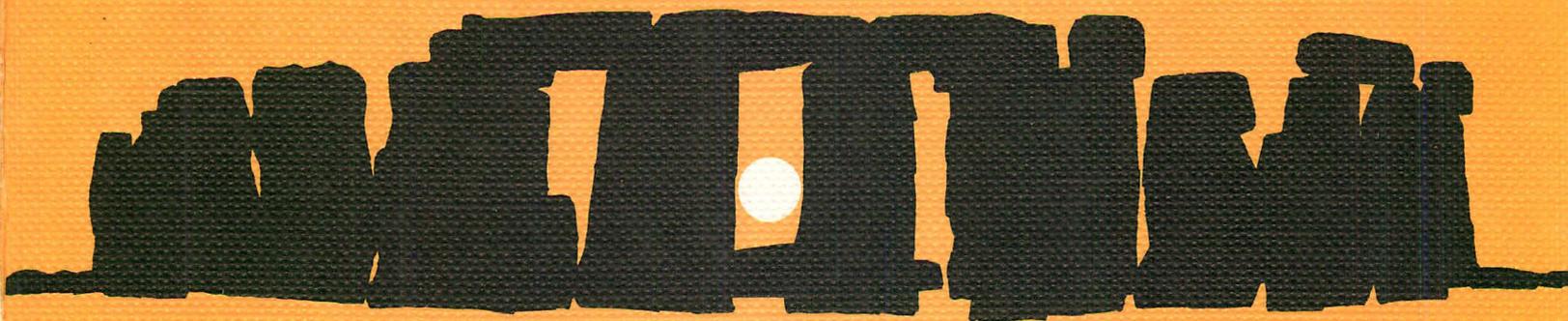


Stonehenge



Older than yesterday. Newer than tomorrow.



Stonehenge

Older than yesterday.

"It stands as lonely in history as it does on the great plain." — Henry James



Nearly 4000 years ago, while a shepherd named Abraham was tending flocks on Mesopotamian hillsides, a great and powerful leader on what is now the island of Britain

sought an answer to an ageless enigma. He observed the sun and moon and wondered: what are they? How do they affect my destiny?

This leader, this priest-scientist-builder, summoned his people, a race now unknown, and uttered a strange, profound command. A command whose words are lost forever in the silence of history. A command whose execution in stone remains, forty centuries later. One of the monumental achievements of mankind. And one of its greatest mysteries.

That monument is Stonehenge.

Today, Stonehenge still stands in silent solitude amid the wind and mist of Salisbury plain. A time-enduring tribute to man's quest for ultimate understanding of his universe.



Technology. Only now, with the help of electronic brains, have we begun to understand the scope of Stonehenge technology. Its unique capacity to predict the complex schedules of sun and moon.

Accuracy. Key sightings through the pillars of Stonehenge align with risings and settings of sun and moon at winter and summer solstices. The 56 "Aubrey holes" that surround the periphery of the monument grounds were probably used to predict lunar eclipses, which they do with eerie exactness.

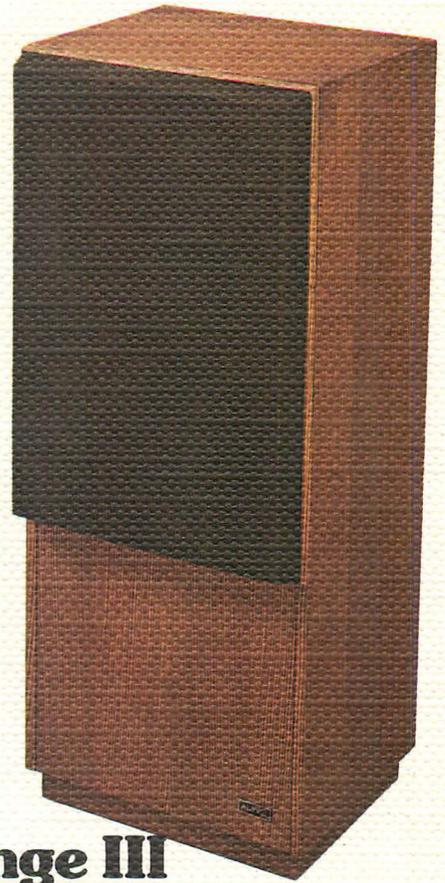
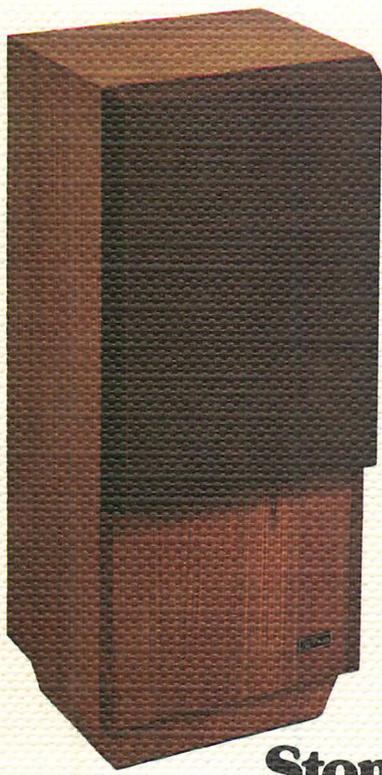
Engineering Masterpiece.

Stones weighing from 30 to 50 tons were hauled from 20 miles away. Each required 800 men to pull it across roadless terrain. To this day, no one knows how the multi-ton horizontal lintel stones were lifted more than 20 feet in the air and placed atop the monoliths. An estimated 1,500,000 man-days were required, spread over 3 centuries. Stonehenge is thus a unique triumph of religious zeal, architectural majesty, engineering know-how and long-term organization.

Classic. Stonehenge was created in the dawn of history. Yet it is a sophisticated stellar computer so far ahead of our time that today's scientists have only begun to unravel its impassive skein. Truly, Stonehenge belongs to eternity.

Mystique. Ever since the Roman conquest of England, this "venerable and stupendous work" has awed, inspired, terrorized, intoxicated. It has served many uses - from religious shrine to gallows. And yet its real purpose may never be known.

Perhaps, as one thoughtful observer put it, Stonehenge was built by "men . . . who could not have dreamed of us as we are today, but who loved us enough to wish to leave a message . . . (Those) priestly-scientists . . . must have realized the uncertainty of the future . . . Thus they put their observations into as enduring a form as they could . . . I for one thank them for their gift."



Stonehenge I

Newer than tomorrow.

Stonehenge of England is an awesome achievement that stands unique among the pillars of human progress. Now Altec presents two new loudspeaker systems that pay homage to its technological grandeur.

Introducing Stonehenge I and Stonehenge III. Audible proof that "state-of-the-art" is yesterday's ideas at Altec.

What happened to Stonehenge II? The answer is simple. Back in ancient Britain, there were three Stonehenges built on the same site. Today, Stonehenge I and III remain. Of Stonehenge II, there is no visible trace - except to the archaeologist. In keeping with our concern for accuracy, historic as well as acoustic, we decided not to produce a Stonehenge II.

Technology. When the Stonehenge program was first conceived at Altec, it set in motion a complex series of interwoven and interdependent events. Theories developed and translated into mathematic formulae. The search for the kind of raw materials that would be needed for precision machining and micro-tolerance design parameters. Reams of engineering drawings and calculations. The construction of prototypes. Testing. The construction of more prototypes. More testing. And more testing.

It takes more than ordinary experience in loudspeaker design and manufacture to bring all of these factors together in one cohesive effort. It took the kind of technology only 37 years of sound involvement can teach. It took the capabilities and facilities of people who are professionals at their craft.

It took Altec.

Accuracy. Stonehenge I and Stonehenge III epitomize Altec's commitment to complete sonic truthfulness and realism. Beautifully flat frequency response from below to above the limits of the human ear. Optimum transient characteristics that let you hear all of the astounding dynamics on today's recorded source material. Detail: every tonal nuance of every

Stonehenge III

instrument is there. Extremely low distortion - the kind of pure performance that lets you listen for hours without ear fatigue, even at high volume levels.

Here, in these two new loudspeakers, is the very same sound accuracy that has made Altec the recording engineer's choice for playback monitoring by nearly 2 to 1 over the nearest competitor.

Engineering Masterpiece.

Every component part of each Stonehenge loudspeaker system is critically engineered and carefully assembled by Altec craftsmen. The two-way medium efficiency system in Stonehenge I is the result of extensive research and testing - resulting in a perfectly harmonious balance between speaker and enclosure. The precision loudspeaker system in Stonehenge III is already an engineering legend - the latest advancement in Altec's famous "604" Duplex. Now the most widely used playback monitor in the recording industry is available for the first time in fine decorator furniture.

Classic.

A superb study in classic proportion. Tall, slender columns, elegant and graceful. Stonehenge I is stunningly crafted on all four sides of luxurious Afrosian Teak, accented by a rich Raw Cocoa grille. Stonehenge III features an enclosure of select Rift Cut Oak and a handsome Cocoa Brown Polycoustic grille with Oiled Oak frame.

Mystique. Sound technology. Visual styling. Sheer imagery. It's all in Stonehenge - one of the most innovative speaker developments in years. A creative merger of engineering and esthetic know-how. A dynamic sensory experience that will satisfy the most critical ear and the most artistic eye.

Stonehenge I and Stonehenge III. From Altec. Where the science of sound reproduction is no mystery.

Specifications

Stonehenge I

Speaker Components: Low Frequency - High compliance
12-inch frame bass
driver with 82
square inch effective
piston area.
High Frequency - 3.3 square inch
direct radiator.

Operating Impedance - 8 ohms

Power Rating - 45 Watts*

Crossover Frequency - 1800 Hz

Network - Front mounted, with continuously variable
high frequency attenuation control.

Pressure Sensitivity - 90.0 dB SPL**

Enclosure - Selected Afrosian Teak veneers on high
density compressed wood with fully finished
speaker baffle and rear panel.

Finish - Hand-rubbed natural Oiled Teak.

Grille - Integral formed snap-on grille, covered with
Raw Cocoa fabric.

Weight - 75 lbs. (34.0 Kg)

Dimensions - 37-1/2"H (95.3 cm) x 16"W (40.6 cm) x
14-1/4"D (36.2 cm) (including grille)



Stonehenge III

Speaker Components: Low Frequency - 16-inch frame bass
driver with 133
square inch effective
piston area.
High Frequency - Compression driver
and coaxially-
mounted sectoral
horn.

Operating Impedance - 8 ohms

Power Rating - 65 Watts*

Crossover Frequency - 1500 Hz

Network - Front mounted, with continuously variable
high frequency attenuation control.

Pressure Sensitivity - 99 dB SPL**

Enclosure - Select Rift Cut Oak veneers on high density
compressed wood.

Finish - Hand-rubbed Oiled Oak.

Grille - Cocoa Brown Polycoustic Foam with Oiled Oak
Frame

Weight - 130 lbs. (58.76 Kg)

Dimensions - 46-3/16"H (117.3 cm) x 16-11/16"W (47.5 cm) x
14-3/4"D (37.5 cm) (including grille)

*May be used for home entertainment use with amplifiers
having up to equal continuous power rating.

**Measured at 4 feet, source of band-limited pink noise
500 to 3 kHz, 1 Watt input at rated impedance.



ALTEC

the sound of experience

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