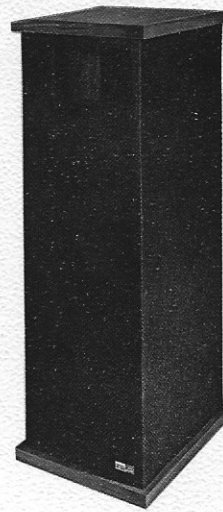


# amt 1 tower



The ESS amt 1 tower, though quite dissimilar in appearance from the amt 1, is a "high performance" luxury version of the amt 1 and extracts every bit of low range potential in the amt 1 woofer by utilizing a considerably larger and more complex enclosure. The ESS amt 1 tower incorporates the same woofer and ESS Heil air-motion transformer as the smaller amt 1 but differs in its capability for sustaining extended low frequency response. It, therefore, substantially increases low frequency output for applications where performance can outweigh convenience as a deciding factor.

The ESS amt 1 tower's deep bass performance is obtained through the use of a full six-foot quarter wave length transmission mission line, the result of long experience by ESS in the design and construction of folded transmission line labyrinths. Employing techniques perfected in the earlier and highly acclaimed ESS transtatic and translinear models. ESS developed a new, resistively loaded transmission line precisely matched to requirements of the amt 1 woofer that provides the amt 1 tower with deep, full-bodied bass descending to 30 Hz pedal tones. With this high pressure bass seamlessly matched to the open detailed midrange and clear pure highs that only the ESS Heil air-motion transformer can achieve, the amt 1 tower is a perfectionist's "high performance" system capable of accurately reproducing all the information on today's finest recordings.

A large floor-standing system, the amt 1 tower is styled with lines of elegant restraint that blend into without dominating any decor. Its top surface is structurally sound, allowing it to be used as a display pedestal if desired. Combined with this sturdy attractive column is the heritage of ESS transmission line design, now integrated with the unapproachable accuracy of the revolutionary ESS Heil air-motion transformer to create a new tradition of excellence.

## specifications

### Description:

Two-way, floor-standing column. Upper frequencies are carried by the ESS Heil air-motion transformer midrange/tweeter. Lower frequencies are reproduced by a high excursion ten-inch woofer mounted in a resistively loaded, tuned transmission line. Crossover frequency is 700 Hz.

**Frequency response:**  
35 Hz through 24,000 Hz  $\pm$  2.5 dB near field measurement.

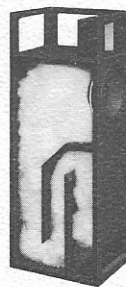
**Square wave rise time:**  
15 microseconds @ 5,000 Hz.

**Power requirements:**  
20 watts RMS minimum.

**Power handling:**  
400 watt musical peaks. Fuse protected.

**Input impedance:**  
4 ohms minimum.

**Controls:**  
3 position brightness switch.



**Dimensions:**  
43 $\frac{1}{2}$  inches high, 14 $\frac{1}{2}$  inches wide, 17 $\frac{1}{2}$  inches deep.

**Finish:**  
Walnut veneer, hand oiled and rubbed.

**Warranty:**  
To the original owner: Lifetime parts and labor for the ESS Heil air-motion transformer midrange/tweeter, five years on the remainder of the system excluding finish on condition the ESS amt 1 tower was purchased from an authorized ESS dealer.