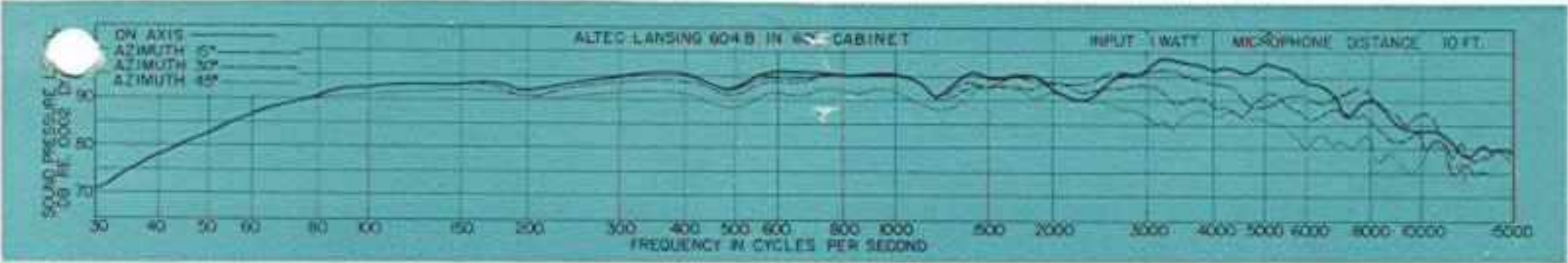
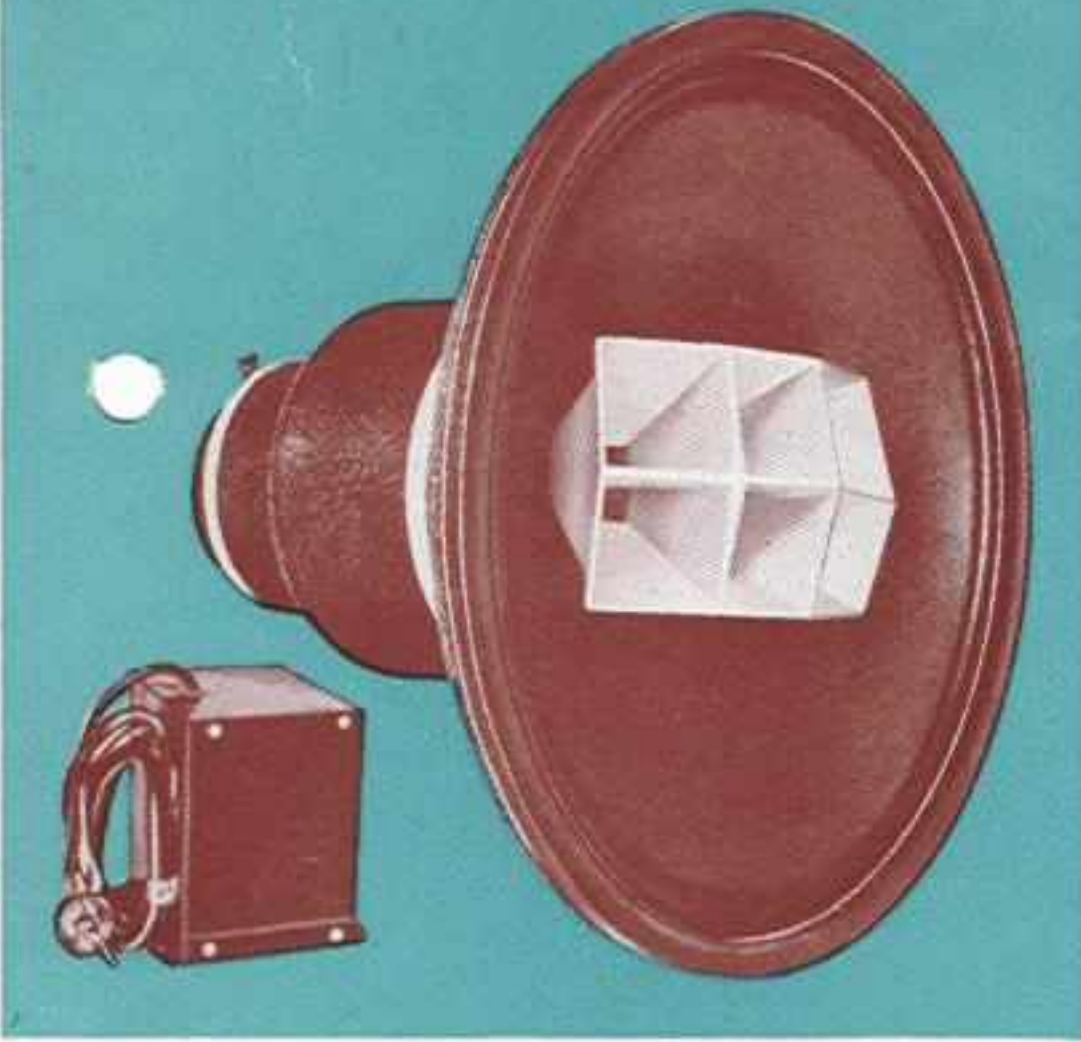


Fundamentally improved
The NEW
 professional

210 + 24
 15
 20

604B Duplex Speaker

Authorities on quality, sound, the experts in the broadcast, recording, and motion picture industries, who regarded the original Altec Lansing 604 Duplex as the finest two-way speaker unit that science has produced, were literally thunderstruck when they heard pre-views of the new improved model 604B. The improvement they heard was no mere modification or "re-working" of the present model; they heard a speaker basically, fundamentally improved through the application of new scientific discoveries, the result of intensive original research of Altec Lansing scientists.



Outstanding new features

1,000 cycle crossover frequency using the *NEW* N-1000B Network with adjustable high frequency control.

Tremendous 15-inch low frequency speaker used as standard equipment in the largest and finest theatre speaker system designed specifically to reproduce frequencies from 30 cycles to 1000 cycles. *Of course*, the voice coil is edge wound from flat ribbon wire.

Incomparable high frequency unit used in Altec Lansing VOICE OF THE THEATRE speaker systems. A *NEW* feature is an *EXCLUSIVE* Altec Lansing development used with the high frequency metal diaphragm to *SMOOTH* the frequency response beyond belief from 1,000 cycles to 16,000 cycles and to assist the crossover network give a perfect crossover between the low and high frequency speaker units at 1,000 cycles. The high frequency diaphragm is made of .002" aluminum sheet hydraulically formed into perfect shape, and the voice coil is edge wound from flat aluminum ribbon.

The high frequencies from 1,000 cycles to 16,000 cycles reproduced by the metal diaphragm are exponentially coupled to the multicellular horn to give a *SMOOTH* distribution pattern 60° horizontal and 40° vertical.

Examine critically the accurate frequency response curve of the 604B Duplex! After making acoustic measurements on hundreds of speakers and speaker systems, Altec Lansing makes this unqualified statement: *to the best of our knowledge, the frequency response curve of the 604B Duplex, reproduced here, cannot be equalled by any speaker unit or speaker system outside the large theatre-type systems!*

Exclusive features

These exclusive Altec Lansing features of the new 604B Duplex made the original 604 Duplex speaker the standard professional unit in the sound industry, used by professional sound men wherever high-quality sound is essential:

High Efficiency—The most efficient all-range speaker unit ever built.

High Power Handling Capacity—will not distort at high levels.

Compactness—a full two-way speaker system built into one unit.

High Frequency Distribution—smooth and even distribution of high frequencies through the use of multicellular horn.

Low Distortion—close tolerance and high efficiency result in an almost complete absence of distortion of any kind.

Dependability—absence of failure and troubles is essential for professional and other uses.

LISTEN to the incomparable reproduction of sound from the 604B Duplex Speaker at the nearest Altec Lansing dealer display room.

Specifications:

- Angle of Horizontal Distribution 60°
- Angle of Vertical Distribution 40°
- Power Rating 30 watts
- Network Impedance 16 ohms
- Required Amplifier Output Impedance 8-16 ohms
- Diameter 15-3/16"
- Depth 11-1/8"
- Weight with Network 40 lbs.