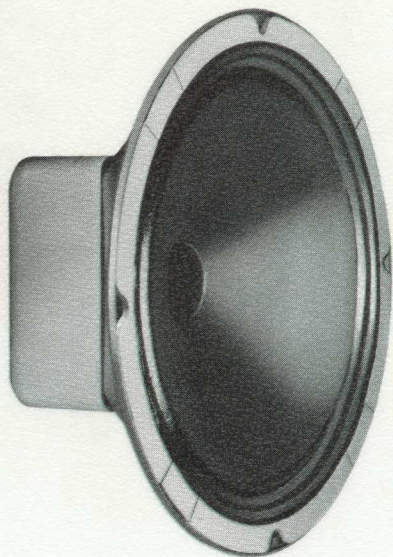


401B Loudspeaker

401B




Features:

- Compact design
- High efficiency
- High power capacity
- Wide frequency range
- Dust protected
- Wide distribution angle
- Large Alnico V magnet
- Screw terminals

The Altec 401B Loudspeaker has been designed specifically for use in low level music distribution and paging systems. Its compact design and shallow depth greatly simplify installation problems. The excellent high frequency response and wide range makes it ideally suitable where excellent intelligibility is required.

The high efficiency of the magnetic structure and wide distribution angle reduce the number of speakers and amplifier power needed for good coverage. Additional features of the design are the sealed, dust protected magnetic structure, the pre-drilled mounting holes for 70 v distribution transformers, high power capacity and unusually wide frequency range. With these many features which are not found in any other speaker of this type the 401B has proven superior in all low level music distribution systems for quality, economy and reliability.



A Division of  Ling Altec, Inc.

1515 S. Manchester Ave., Anaheim, Calif.
New York

ALTEC 401B

SPECIFICATIONS

Power:	15 watts
Frequency Response:	60-12,000 cps
Sensitivity:	97 db (Sound Pressure Level at 4 ft. from 1 watt*)
Impedance:	8 ohms
Voice Coil Diameter:	1"
Diameter:	8½"
Magnet Weight:	.45 lb.
Mounting Hole Diameter:	7⅝"
Depth:	3⅝"
Weight:	2 lbs. 13 oz.

*Equivalent to E.I.A. rating 50 db at 30 ft. from 1 milliwatt.

ARCHITECTS AND ENGINEERS SPECIFICATIONS

The loudspeaker shall be 8" in diameter, and shall have a minimum sensitivity of 97 db (SPL at 4 ft. from 1 watt*) measured on axis. The speaker shall have a continuous power rating of at least 14 watts. The voice coil shall operate in a magnetic field of at least 7,000 gauss derived from an Alnico V magnet of at least .45 pound. The frequency response shall be uniform over the range from 60 to 12,000 cycles and shall be free of peaks. The speaker shall have a broad angle of coverage to 12,000 cycles. Free air resonance shall not exceed 80 cycles. The speaker shall be sealed against dirt and magnetic dust.

This shall include a dust cover over the magnetic structure. Total depth, including dust cover, shall not exceed 3⅝".

The speaker shall be Altec Lansing Model 401B.

NOTICE
We recommend that you obtain your Altec products from factory trained authorized Altec Sound Contractors and Distributors. This will assure you of proper installation, a continuing source of knowledgeable advice, service, and quick warranty protection.