

# 288D Driver Loudspeaker

288D



## Features:

- Theatre quality
- Smooth response
- Field replaceable diaphragm
- Large diameter ribbon voice coil
- 40 watt power capacity
- High efficiency
- Perfect for two-way systems
- Recommended for shelter and indoor use

- Theatres • Auditoriums • Factories • Gymnasiums
- Airport Terminals • Restaurants


The Altec 288D "theatre type" Driver Speaker has been designed for use in high level music, speech reinforcement and paging systems of the highest quality. It may be used with any of the Altec multicellular horns and will provide a smooth response from 500 to 16,000 cycles. This wide range, when used in conjunction with Altec low frequency speakers, will provide full high fidelity reproduction for the largest theatre or auditorium. The 288D requires less wattage from its driving amplifier due to its high efficiency — combined with wide range, high power and ruggedness. These same drivers are used in the famous Altec "Voice of the Theatre" speaker systems found in more than 12,000 of the world's finest motion picture theatres.

Like all Altec public address driver speakers, the diaphragm, voice coil assembly of the "theatre type" 288D can be replaced in the field by untrained personnel without the use of special tools. The high efficiency and smooth reproduction characteristics to the upper limits of human hearing, make the 288D the obvious choice for all large sound systems where quality and full-range, faithful reproduction are a requisite. Ideally suited for announcing in large noisy indoor areas.

### NOTE:

For 24-ohm driver for use with Altec N-500C Dividing Network, specific Model 288C Driver Loudspeaker



A Division of  Ling Altec, Inc.

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# ALTEC 288D

## SPECIFICATIONS

<b>Power:</b>	40 watts (with 500F network)
<b>Frequency Response:</b>	500-16,000 cps
<b>Sound Pressure Level:</b>	115 db ref. .0002 dynes/cm <sup>2</sup> with 1 volt-ampere (1 watt) input, measured with warble frequency 500-2,500 cps 4' from mouth of 30" trumpet; or 131 db at 40 watts.
<b>Impedance:</b>	16 ohms
<b>Voice Coil Diameter:</b>	2.8"
<b>Protection:</b>	Should be used with 500 F network in all cases for low frequency protection.
<b>Usage:</b>	For sheltered or indoor installations
<b>Dimensions:</b>	Diameter 6½" Height 4⅞"
<b>Finish:</b>	Gray
<b>Weight:</b>	20 lbs.

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## ACCESSORIES

30546 — 45° Weatherproof Throat Adaptor

## ARCHITECTS AND ENGINEERS SPECIFICATIONS

The driver-loudspeaker shall employ an aluminum diaphragm and a voice coil of edge wound aluminum ribbon. The voice coil diameter shall be at least 2.8" in diameter and the voice coil gap shall have a flux density of at least 16,000 gauss. The entire diaphragm-voice coil assembly shall be field replaceable without special tools or skills. This shall be interpreted to mean that the speaker shall incorporate self-centering dowels or other means to insure proper indexing. With 1 watt input, the speaker shall produce a sound pressure level of at least 115 db at a distance of four feet over the warble band of 500 to 2500 cycles. Single frequency measurements will not be acceptable under this specification. The frequency response shall be uniform over the range 500 to 16,000 cycles. The unit shall be capable of handling a continuous power level of 40 watts above 500 cycles. This speaker shall be used in conjunction with 500 cycle network for low frequency protection.

The driver-loudspeaker shall be Altec Lansing Model 288D.

### 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.