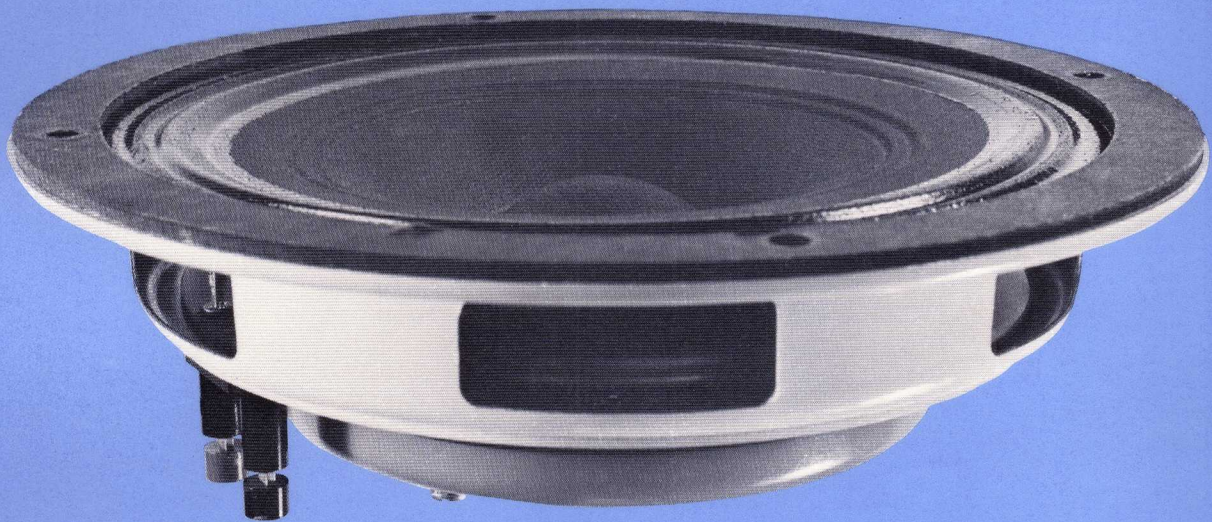


**ALTEC
LANSING®**

755E EXTENDED RANGE LOUDSPEAKER



DESCRIPTION

The ALTEC 755E loudspeaker features a rare combination of plus factors...true high-fidelity reproduction, small size, and slim profile.

In any low-level distribution system for wired music, program distribution, paging systems or public address, the 755E will provide superior performance. Its unique configuration provides very smooth distribution over a wide 90° angle without high-frequency loss. This wide

distribution pattern allows greater separation between loudspeakers in ceiling installations, thus reducing the number of speakers required as well as amplifier power requirements.

With its small size, wide distribution angle and outstanding frequency range, the 755E provides greater installation convenience and higher audio quality than any other speaker of comparable size.

SPECIFICATIONS

Power Rating:	20 watts	Voice Coil Diameter:	2"
Frequency Response:	40-15,000 Hz	Distribution Pattern:	90°
Pressure Sensitivity:	92 dB SPL measured at 4' on axis with 1 watt input of pink noise band-limited from 500-3000 Hz. Equal to EIA rating of 45 dB SPL at 30' with 1 mW input.	Magnet —	
	105 dB SPL measured at 4' on axis with 20 watts input of pink noise band-limited from 500-3000 Hz.	Type:	Indox V
Impedance:	8 ohms	Weight:	3 lbs.
Nominal Free-Air Cone Resonance:	64 Hz	Flux Density:	9000 gauss
		Terminals:	Push-on type
		Dimensions:	8 ³ / ₈ " (21.3 cm) diameter 2 ¹ / ₄ " (5.7 cm) deep
		Mounting Data —	
		Baffle Opening:	7"
		Mounting Bolt Centers:	7 ⁵ / ₈ " (4 holes equally spaced at 90°)
		Weight:	4.25 lbs. (1.9 kg)
		Finish:	White and gray enamel

ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The loudspeaker frame shall be of heavy gauge steel, with the loudspeaker sealed against dirt and magnetic dust. The loudspeaker shall meet the following criteria. Power rating, 20 watts. Frequency response, uniform from 40-15,000 Hz. Pressure sensitivity; 92 dB SPL measured at 4' on axis with 1 watt input of pink noise band-limited from 500-3000 Hz, 105 dB SPL measured

at 4' on axis with 20 watts input of pink noise band-limited from 500-3000 Hz. Impedance, 8 ohms. Nominal free-air cone resonance, 64 Hz. Voice coil diameter, 2". Distribution pattern, 90°. Magnet; Indox V, 3 lbs., 9000 gauss flux density. Terminals, push-on type. Dimensions, 8³/₈" diameter by 2¹/₄" deep. Weight, 4.25 lbs.

The loudspeaker shall be the ALTEC Model 755E.



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