



# 932-8B 12" Duplex® Floor Monitor



## KEY FEATURES

- ★ Compact Floor Monitor
- ★ Medium-Output Capability
- ★ Auto-Reset Circuit Breaker

## PRIMARY SPECIFICATIONS

System Type:	Two-way, sealed type full range loudspeaker system.
Pressure sensitivity:	97.0dB SPL (1 W, 90 Hz - 15 kHz, re: 20 $\mu$ Pa, see note 1).
Frequency Response:	90 Hz - 15 kHz (see Figure 1, Note 2)
Power Handling:	125 watts, 90 Hz - 15 kHz, AES method (see note 3). 250 watts, 90 Hz - 15 kHz, continuous program. 500 watts, 90 Hz - 15 kHz, peak power.
Maximum Long-Term Output:	117.2 dB SPL (125 watts input, 1 m, re: 20 $\mu$ Pa, see note 4).
Impedance:	5.2 ohms minimum. 8.0 ohms nominal.

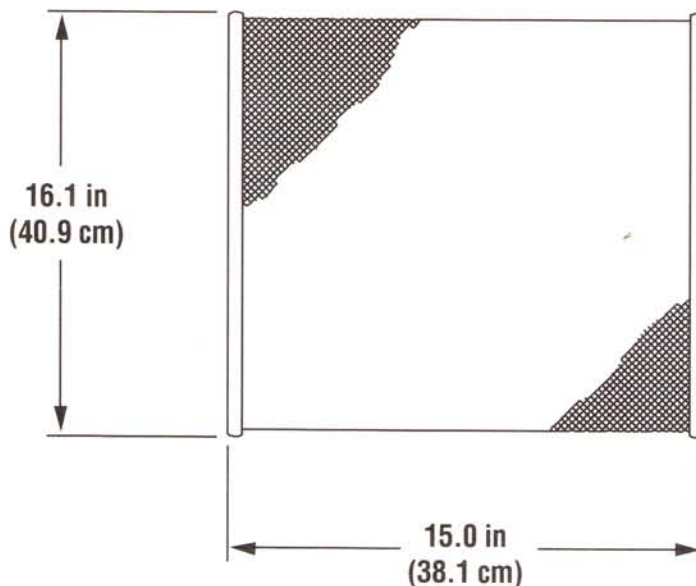
## DESCRIPTION

The Altec Lansing **932-8B** floor monitor is a two-way, factory-assembled system capable of producing medium to high acoustic output from a small package. It is well suited for medium to high level sound reproduction in houses of worship, audio-visual presentations, conference rooms or other smaller acoustic environments. The **932-8B** utilizes a 12 inch (30.5 cm) duplex® loudspeaker with a wide-dispersion dome tweeter. Smooth transition at crossover is accomplished by a dual-section 12 dB/octave network with a center frequency of 1.5 kHz. The **932-8B** is also fully protected by means of an auto-reset circuit breaker at the system input which will not allow the inexperienced

operator to damage the systems components. The enclosure is constructed of 5/8-inch (1.6 cm) particle board covered in a new and unique wood-grain vinyl which can be painted or stained to complement any interior. The enclosure is also supplied with a removable metal grille.

The intended use of the **932-8B** is a fold-back floor monitor at either 35°, 45° or perpendicular to the floor. Because of its size and appearance it can also be used for a wide range of other applications as well.

The Altec Lansing **932-8B** is the ideal choice where a small, inexpensive floor monitor must project clear, high-quality vocals under any condition.



## 932-8B SPECIFICATIONS (continued)

<b>Components:</b>	12-inch duplex® loudspeaker with a wide-dispersion dome tweeter.	<b>Enclosure:</b>	Sealed type, built of 5/8-inch (1.6 cm) particle board lined with glass wool.
<b>Crossover Network:</b>	Two-way at 1500 Hz with a 12 dB per octave slope for both sections.	<b>Finish:</b>	Acousta-beige wood grain vinyl with metal grille.
<b>Input Terminals:</b>	Two 1/4 - inch phone jacks and screw terminals.	<b>Dimensions:</b>	13.0 in (33.0 cm) high 16.0 in (40.6 cm) wide 14.5 in (36.8 cm) deep
<b>Accessories:</b>	Altec Lansing AMK-1 stand mount kit	<b>Net Weight:</b>	30.0 lbs (13.6 kg)
<b>Replacement H.F. Diaphragm:</b>	25456	<b>Shipping Weight:</b>	36.0 lbs (16.3 kg)
<b>Replacement L.F. Diaphragm:</b>	R920-8B	Altec Lansing continually strives to improve products and performance. Therefore, specifications are subject to change without notice.	
<b>Replacement Grille:</b>	Model RG932		

## NOTES ON MEASUREMENT CONDITIONS

1. Pink noise signal, one Watt calculated using  $E^2/Z_{min}$ , 3.16 meter measurement distance referred to one meter.
2. On-axis, one Watt calculated using  $E^2/Z_{min}$ , 3.16 meter measurement distance referred to one meter, low frequencies corrected for anechoic chamber error.
3. This system rating patterned after the AES method for individual driver, where the test signal is pink noise with a 6 dB crest factor over the bandwidth of the system, with power calculated using the  $E^2/Z_{min}$ , for two hours.
4. This measurement made under the same conditions as Pressure Sensitivity, but at rated power, and takes into account any power compression effects due to non-linearities in the system.
5. Distortion components invalid above 10 kHz. The distortion at any given frequency may be found by graphically taking the difference between the fundamental and harmonic, and adding the number of Decibels which the harmonic has been raised on the graph and apply the formula:  
percent distortion =  $100 \times 10^{(-\text{difference in dB}/20)}$

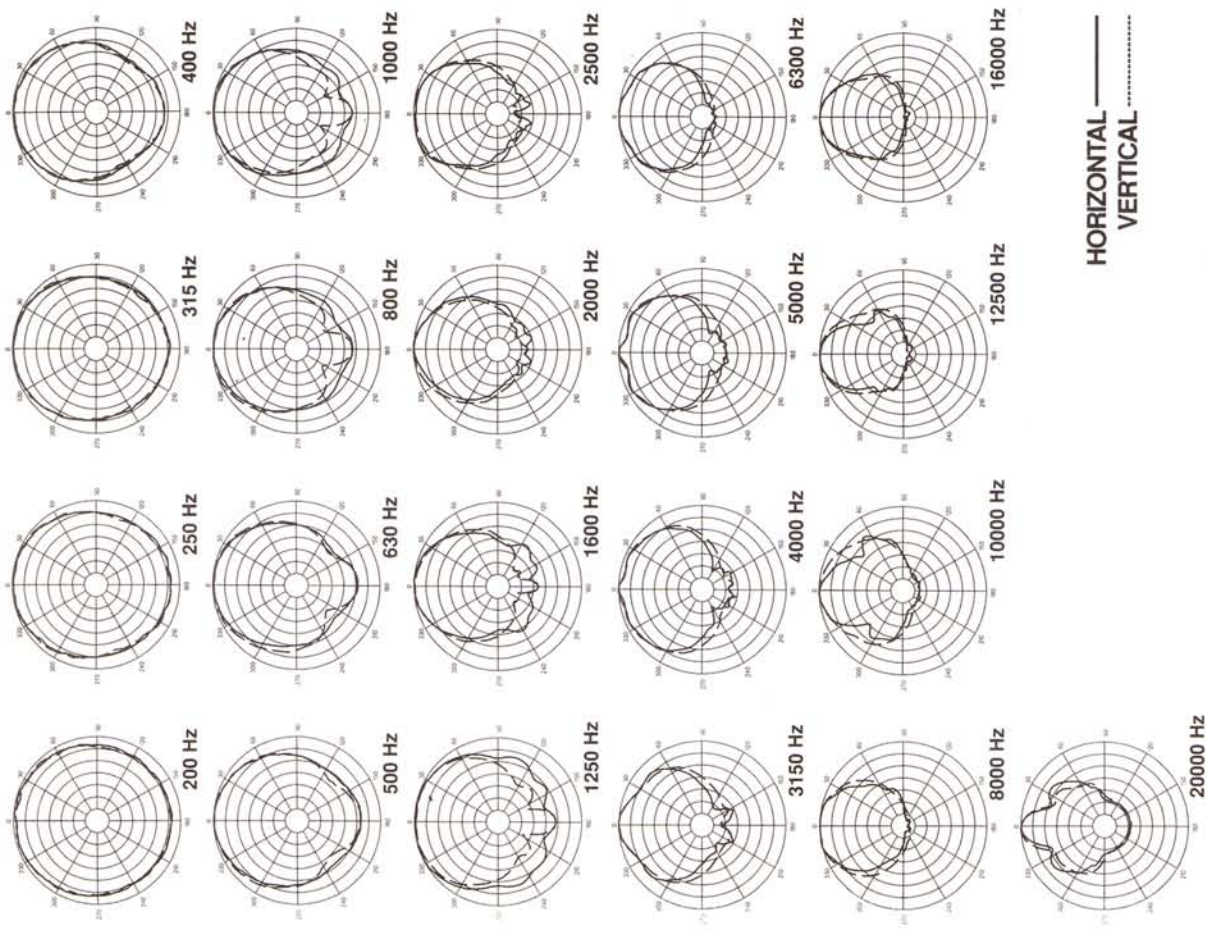


Figure 1 1/3-Octave Polar Response

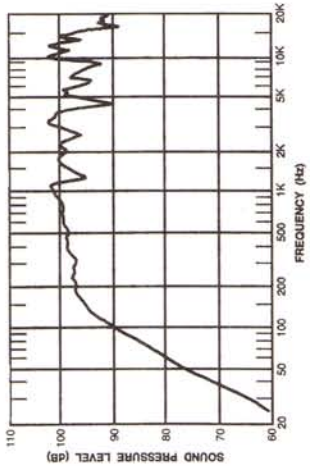


Figure 2. Frequency Response

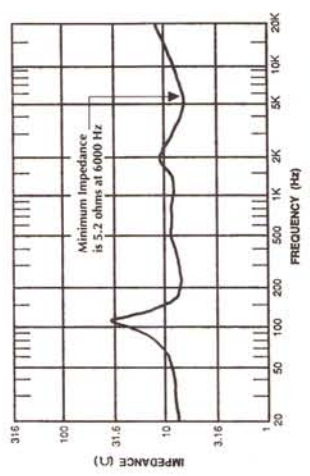


Figure 4. Magnitude of Impedance

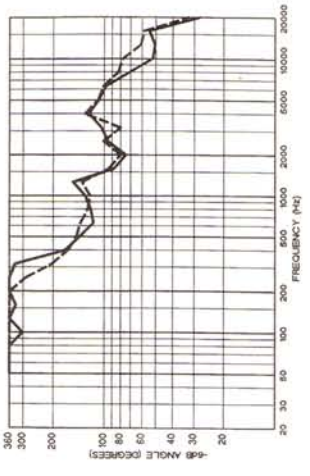


Figure 3. Dispersion Angle

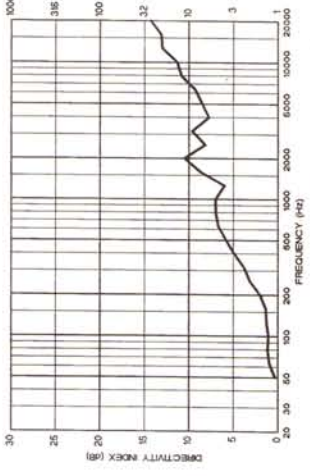


Figure 5. Q and Directivity Index

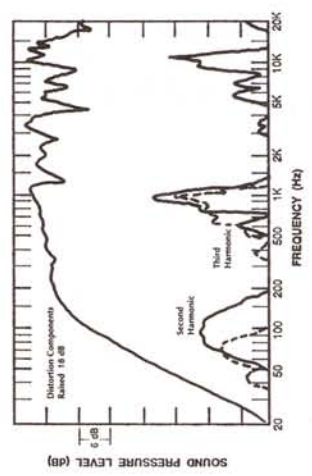


Figure 6. Harmonic Distortion at 0.01 Rated Power

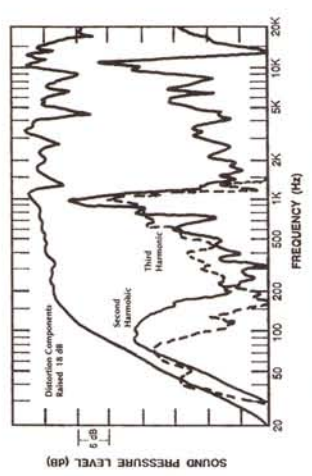
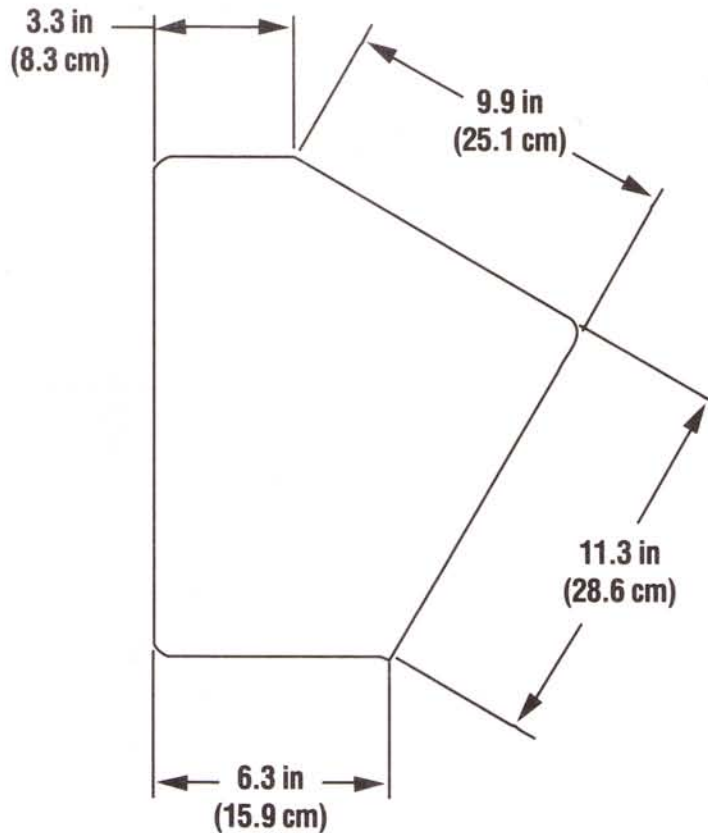


Figure 7. Harmonic Distortion at 0.1 Rated Power



## ARCHITECT'S AND ENGINEERS SPECIFICATIONS

The loudspeaker system shall be of the two-way, multi-purpose type consisting of a 12-inch duplex® loudspeaker with a wide-dispersion dome-radiator tweeter. The dividing network is a dual-section type 12 db/octave slope on the L.F. and H.F. section with a crossover center frequency of 1.5 kHz. The loudspeaker system shall meet the following performance criteria: Power handling, 125 watts of pink noise with a 6 dB crest factor, band limited from 90 Hz - 15 kHz. Frequency response, smooth and uniformly usable from 90 Hz - 15 kHz. Pressure sensitivity, 97 dB spl

when measured at one meter on axis with one watt of band-limited pink noise from 90 Hz - 15 kHz. Minimum impedance, 5.2 ohms.

The enclosure shall be of the sealed type, constructed of 5/8-inch (1.6 cm) particle board lined with sound-absorbent glass wool. The finish shall be a beige wood-grain vinyl. The dimensions shall be 16.1 inches (40.9 cm) high by 15.0 inches (38.1 cm) wide by 14.5 inches (36.8 cm) deep. The loudspeaker shall weigh 30.0 lbs (13.6 kg). The loudspeaker system shall be the Altec Lansing 932-8B.



a MARK IV company

P.O. BOX 26105 • OKLAHOMA CITY, OK 73126-0105 • U.S.A.

Phone: 405/324-5311 or FAX: 405/324-8981

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