



**DESCRIPTION**

The ALTEC 160A Loudspeaker System provides high-quality music and paging reproduction for a variety of indoor and outdoor applications. It is especially well suited for outdoor areas where both high-fidelity music and voice reproduction are desired.

The loudspeaker system comprises a compression driver and folded high-frequency horn, which are coupled through a crossover network

to a horn-loaded woofer, permitting excellent wide-range performance.

The outer double-reinforced fiberglass horn material and the inner die-cast aluminum housing combine to provide an exceptionally weatherproof system.

The 160A contains an adjustable "U" bracket for mounting and orientation.



## SPECIFICATIONS

<b>Type:</b>	High-fidelity dual-range outdoor speaker system	<b>Horn Material:</b>	Light gray fiberglass
<b>Frequency Response:</b>	150 Hz to 15,000 Hz	<b>Mounting:</b>	Attached adjustable "U" bracket for surface mounting
<b>Power-Handling Capacity:</b>	15 watts continuous pink noise, band-limited from 250 Hz to 3000 Hz	<b>Dimensions:</b>	12 <sup>3</sup> / <sub>4</sub> " W x 9 <sup>1</sup> / <sub>8</sub> " H x 10 <sup>5</sup> / <sub>8</sub> " D (32.4 cm W x 23.2 cm H x 27.0 cm D)
<b>Impedance:</b>	8 ohms	<b>Shipping Weight:</b>	10 <sup>3</sup> / <sub>4</sub> lbs. (4.9 kg)
<b>Dispersion Angle:</b>	120° down 9 dB 80° down 6 dB	<b>Accessories (must be ordered separately):</b>	ALTEC 70V Matching Transformers 21256 Transformer Housing
<b>Pressure Sensitivity:</b>	117 dB SPL with 15 watts of pink noise, band-limited from 250 Hz to 3000 Hz and measured at 4' on axis		

## ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The two-way loudspeaker system shall contain a compression driver and a folded high-frequency horn, coupled through a crossover network to a horn-loaded woofer. The low-frequency horn shall be constructed of reinforced fiberglass material, and the high-frequency horn of die-cast aluminum. The loudspeaker system shall meet the following criteria. Frequency response, 150-15,000 Hz. Power-handling capacity; 15 watts of continuous pink noise, band-limited

from 250-3000 Hz. Impedance, 8 ohms. Dispersion angle, 80°/120°. Pressure sensitivity; 117 dB SPL, measured at 4' on axis with 15 watts input of pink noise, band-limited from 250-3000 Hz. The housing shall be weatherproof, and the finish light gray. Dimensions, 12<sup>3</sup>/<sub>4</sub>" W x 9<sup>1</sup>/<sub>8</sub>" H x 10<sup>5</sup>/<sub>8</sub>" D. Shipping weight, 10<sup>3</sup>/<sub>4</sub> lbs.

The loudspeaker system shall be the ALTEC Model 160A.

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