

# Reentrant Horn Loudspeaker

## Model IH8A



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### Description

The Bogen Model IH8A is a double reentrant horn-type loudspeaker designed for paging applications. Excellent intelligibility, handsome compact styling, and all metal, weatherproof construction make the model IH8A perfect for use indoors or outdoors with Bogen sound equipment.

A detachable mounting bracket, which includes a wing-nut locking device, provides precise positioning of the horn in the vertical and horizontal planes. The unit is finished in textured mocha enamel.

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### Features

- High intelligibility and efficiency
- Weatherproof, all metal construction
- 12" connecting cable for easy installation

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### Architects & Engineers Specifications

The loudspeaker shall be a Bogen Model IH8A reentrant horn-type loudspeaker, or approved equivalent, providing a frequency response from 350Hz to 12kHz. Input impedance shall be 8 ohms. Rated power output shall be 15 watts. Dispersion shall be 130°. Sound pressure level, measured four feet on axis at rated output, shall be at least 120dB.

The loudspeaker shall be of weatherproof, all metal construction, with driver enclosed within a waterproof housing. A 12-inch connecting cable shall be provided.

An all-purpose mounting bracket shall provide precise positioning in the vertical and horizontal planes. Bracket and loudspeaker shall be finished in textured mocha enamel. The unit shall measure 6-1/4" dia. x 6"D. The product weight shall be 2-1/2 lbs.

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### Specifications

<b>Power Rating:</b>	15 watts
<b>Frequency Response:</b>	350Hz to 12kHz
<b>Input Impedance:</b>	8 ohms
<b>Dispersion:</b>	130°
<b>Sound Pressure Level:</b>	120dB @ 4 feet on axis with 15-watt input at 1000Hz
<b>Dimensions:</b>	6-1/4" diameter bell x 6"D
<b>Product Weight:</b>	2-1/2 lbs.

**BOGEN<sup>®</sup>**  
**COMMUNICATIONS, INC.**

50 Spring Street, Ramsey, NJ 07446, USA  
201-934-8500 • FAX: 201-934-9832 • [www.bogen.com](http://www.bogen.com)  
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