Bogen’s Easy Design line of horn loudspeakers are compact, high intelligibility, reentrant type loudspeakers designed for use with 70V amplifier systems. Their sturdy, weatherproof, all-metal construction is ideal for indoor and outdoor use in industrial plants, warehouses, schools, construction sites, transportation terminals, and recreational areas.

The HS7EZ is a 7.5-watt single-tap speaker; the HS15EZ, a 15-watt single-tap speaker; and the HS30EZ, a 30-watt single-tap speaker. All three models include a stepped attenuator volume control and come with a tilt and swivel mounting base for greater flexibility in setting the angle of projection.

The HS15EZ and HS30EZ are engineered to simplify installation (with a uniquely designed all-purpose mounting bracket) and field maintenance (with a self-aligning, field replaceable diaphragm), which save both time and money.

Both the speakers and the mounting brackets are attractively finished in textured mocha enamel.

### Features
- 7.5-, 15-, and 30-watt models
- Single-tap design
- Stepped attenuator volume control
- 12" lead wire for electrical connections (HS7EZ)
- Screw terminal connections for fast installation (HS15EZ and HS30EZ models)
- Designed for 70V amplifier outputs
- Tilt and swivel mounting base for flexibility in coverage
- High intelligibility and efficiency
- Weatherproof, all-metal construction
- Limited lifetime warranty
- Mountable to I-beam flange using Bogen’s BC1 Beam Clamp (sold separately)
- HS15EZ and HS30EZ models mountable to electrical box using Bogen’s HSES10 mounting strap (sold separately)
- Terminal Cover (TCSPT1) allows connection of conduit fittings to horn speakers (sold separately)
Technical Specifications

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>HS7EZ</th>
<th>HS15EZ</th>
<th>HS30EZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Rating (RMS)</td>
<td>7.5W</td>
<td>15W</td>
<td>30W</td>
</tr>
<tr>
<td>Frequency Response</td>
<td>250 Hz to 14 kHz</td>
<td>275 Hz to 14 kHz</td>
<td>225 Hz to 14 kHz</td>
</tr>
<tr>
<td>Impedance</td>
<td>653 ohms</td>
<td>326 ohms</td>
<td>163 ohms</td>
</tr>
<tr>
<td>Sound Pressure Level</td>
<td>105 dBSPL*</td>
<td>121 dBSPL*</td>
<td>125 dBSPL*</td>
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<tr>
<td>Dispersion</td>
<td>120°</td>
<td>110°</td>
<td>100°</td>
</tr>
<tr>
<td>Dimensions</td>
<td>6” Dia. x 4” D</td>
<td>9” Dia. x 9-1/4” D</td>
<td>11” Dia. x 10-1/2” D</td>
</tr>
<tr>
<td>Product Weight</td>
<td>2 lb.</td>
<td>4 lb.</td>
<td>6 lb.</td>
</tr>
<tr>
<td>Finish</td>
<td></td>
<td></td>
<td>Textured mocha enamel</td>
</tr>
</tbody>
</table>

The loudspeaker shall be a Bogen Easy Design Horn Loudspeaker, Model HS7EZ, HS15EZ, or HS30EZ.

**HS7EZ**

Rated power output shall be 7.5 watts RMS continuous. Frequency response shall be 250 Hz to 14 kHz. Dispersion shall be 120°. Sound pressure level shall be at least 105 dBSPL. Impedance shall be 653 ohms. The speaker shall feature a 12" lead wire for electrical connections.

**HS15EZ**

Rated power output shall be 15 watts RMS continuous. Frequency response shall be 275 Hz to 14 kHz. Dispersion shall be 110°. Sound pressure level shall be at least 121 dBSPL. Impedance shall be 326 ohms. A screw terminal shall be provided for connection to the audio line.

**HS30EZ**

Rated power output shall be 30 watts RMS continuous. Frequency response shall be 225 Hz to 14 kHz. Dispersion shall be 100°. Sound pressure level shall be at least 125 dBSPL. Impedance shall be 163 ohms. A screw terminal shall be provided for connection to the audio line.

* Sound pressure level measured four feet on axis with rated power output @ 1 kHz.