# Ceiling Speaker Grille Assemblies

## Description
Bogen's Ceiling Speaker Assemblies consist of an 8” Cone Speaker (S86 or S810) pre-assembled onto a 13” steel ceiling grille painted with off-white (PG8W) or bright white (PG8U) enamel. Options for these assemblies are recessed volume control (VR), volume control with knob (VK), and rear-mounted screw terminal strip for power taps (BR).

## Features
- 4-watt capacity
- 8” cone speaker for excellent audio quality
- 6 different power taps available (4, 2, 1/2, 1/4, 1/8 W)
- T725 4-watt transformer
- Off-white enamel over steel grille (“W” versions)
- Bright white enamel over steel grille (“U” versions)
- Pre-assembled for faster installation
- Works with both 70V and 25V amplifier outputs
- Available with volume control — recessed or with knob (VR and VK models only)
- Screw terminals (BR models only)
- 6 oz. or 10 oz. magnet weights

## Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Taps (in Watts)</th>
<th>Frequency Response</th>
<th>Sensitivity (4 ft./W)</th>
<th>Weight</th>
<th>Magnet Weight</th>
<th>No Volume Control</th>
<th>Recessed Volume Control (VR)</th>
<th>Volume Control w/Knob (VK)</th>
<th>Screw Terminals (BR)</th>
<th>Off-White (W)</th>
<th>Bright White (U)</th>
<th>Shipping Weight (6/carton)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>S86T725PG8W</td>
<td>4, 2, 1, 1/2, 1/4, 1/8 @ 25 &amp; 70V</td>
<td>50 Hz-12 kHz</td>
<td>95 dBspl</td>
<td>6 oz.</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>27 lb. / carton</td>
<td>13” Dia x 3-1/4” D</td>
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<tr>
<td>S86T725PG8WVR</td>
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<td>●</td>
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<td>●</td>
<td>●</td>
<td>●</td>
<td>28 lb. / carton</td>
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<tr>
<td>S86T725PG8WK</td>
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<td>27 lb. / carton</td>
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<td>S86T725PG8WVRK</td>
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<td>28 lb. / carton</td>
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<tr>
<td>S86T725PG8WBR</td>
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<td>27 lb. / carton</td>
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<tr>
<td>S86T725PG8WBRVR</td>
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<td>28 lb. / carton</td>
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<tr>
<td>S86T725PG8WBRVK</td>
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<td>27 lb. / carton</td>
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<tr>
<td>S810T725PG8UVR</td>
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<td>●</td>
<td>●</td>
<td>28 lb. / carton</td>
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<tr>
<td>S810T725PG8UVRK</td>
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<td>●</td>
<td>●</td>
<td>30 lb. / carton</td>
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Specifications subject to change without notice.
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S4-7777-08A 0908
**Ceiling Speaker Assembly Variations**

<table>
<thead>
<tr>
<th>Description</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Volume Control</td>
<td><img src="image1.png" alt="No Volume Control" /></td>
</tr>
<tr>
<td>Recessed Volume Control (VR suffix)</td>
<td><img src="image2.png" alt="Recessed Volume Control" /></td>
</tr>
<tr>
<td>Volume Control Knob (VK suffix)</td>
<td><img src="image3.png" alt="Volume Control Knob" /></td>
</tr>
<tr>
<td>Screw Terminal Strip (BR suffix)</td>
<td><img src="image4.png" alt="Screw Terminal Strip" /></td>
</tr>
</tbody>
</table>

**Architect and Engineer Specifications**

**S86T725PG8W & Variations** The loudspeaker assembly shall be a Bogen model S86T725PG8W (or S86T725PG8WVR, S86T725PG8WVk, S86T725PG8WBR, S86T725PG8WBRVR, or S86T725PG8WBRVK), or equivalent, 8” cone-type loudspeaker, having a frequency response of at least 50 Hz to 12 kHz. Axial sensitivity shall be 95 dB, measured at 1-watt/4 feet. The loudspeaker shall have a 6 oz. ceramic magnet and a 3/4” voice coil. A transformer, capable of matching an 8-ohm loudspeaker to a 25-volt or 70-volt line, and providing power taps of 4, 2, 1, 1/2, 1/4, and 1/8 watts shall be included. The loudspeaker shall be assembled on a 13” steel ceiling grille, finished in off-white semi-gloss enamel. Assembly depth shall be 3-1/4”.

(For S86T725PG8WVR add) A recessed volume control shall be included.

(For S86T725PG8WVK add) A volume control knob shall be accessible from the front of the grille.

(For S86T725PG8WBR add) A terminal strip shall be included for connection of the audio line.

(For S86T725PG8WBRVR add) A terminal strip shall be included for connection of the audio line. A recessed volume control shall be included.

(For S86T725PG8WBRVK add) A terminal strip shall be included for connection of the audio line. A volume control knob shall be accessible from the front of the grille.

**S86T725PG8U & Variations** The loudspeaker assembly shall be a Bogen model S86T725PG8U (or S86T725PG8UVR, S86T725PG8UVK, S86T725PG8UBR, S86T725PG8UBRVR, or S86T725PG8UBRK), or equivalent, 8” cone-type loudspeaker, having a frequency response of at least 50 Hz to 12 kHz. Axial sensitivity shall be 95 dB, measured at 1-watt/4 feet. The loudspeaker shall have a 6 oz. ceramic magnet and a 3/4” voice coil. A transformer, capable of matching an 8-ohm loudspeaker to a 25-volt or 70-volt line, and providing power taps of 4, 2, 1, 1/2, 1/4, and 1/8 watts shall be included. The loudspeaker shall be assembled on a 13” steel ceiling grille, finished in bright white semi-gloss enamel. Assembly depth shall be 3-1/4”.

(For S86T725PG8UVR add) A recessed volume control shall be included.

(For S86T725PG8UVK add) A volume control knob shall be accessible from the front of the grille.

(For S86T725PG8UBR add) A terminal strip shall be included for connection of the audio line.

(For S86T725PG8UBRVR add) A terminal strip shall be included for connection of the audio line. A recessed volume control shall be included.

(For S86T725PG8UBRK add) A terminal strip shall be included for connection of the audio line. A volume control knob shall be accessible from the front of the grille.

**S810T725PG8W & Variations** The loudspeaker shall be a Bogen model S810T725PG8W (or S810T725PG8WVR, or S810T725PG8WVK), or equivalent, 8” cone-type loudspeaker, having a frequency response of at least 70 Hz to 15 kHz. Axial sensitivity shall be 96 dB, measured at 1-watt/4 feet. The loudspeaker shall have a 10 oz. ceramic magnet and a 1” voice coil. A transformer, capable of matching an 8-ohm loudspeaker to a 25-volt or 70-volt line, and providing power taps of 4, 2, 1, 1/2, 1/4, and 1/8 watts shall be included. The loudspeaker shall be assembled on a 13” steel ceiling grille, finished in off-white semi-gloss enamel. Assembly depth shall be 3-1/4”.

(For S810T725PG8WVR add) A recessed volume control shall be included.

(For S810T725PG8WVK add) A volume control knob shall be accessible from the front of the grille.

**S810T725PG8U & Variations** The loudspeaker shall be a Bogen model S810T725PG8U (or S810T725PG8UVR, S810T725PG8UVK), or equivalent, 8” cone-type loudspeaker, having a frequency response of at least 70 Hz to 15 kHz. Axial sensitivity shall be 96 dB, measured at 1-watt/4 feet. The loudspeaker shall have a 10 oz. ceramic magnet and a 1” voice coil. A transformer, capable of matching an 8-ohm loudspeaker to a 25-volt or 70-volt line, and providing power taps of 4, 2, 1, 1/2, 1/4, and 1/8 watts shall be included. The loudspeaker shall be assembled on a 13” steel ceiling grille, finished in bright white semi-gloss enamel. Assembly depth shall be 3-1/4”.

(For S810T725PG8UVR add) A recessed volume control shall be included.

**Bogen Communications, Inc.**

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