

# Cone Speakers

S86



S10



## Description

The Bogen Models S86 and S810 are 8" unmounted cone-type loudspeakers with 6- or 10-ounce magnets, with or without speaker transformers. Models with transformers work with both 70V and 25V amplifier outputs.

## Features

### CONE SPEAKERS

- 7 watts and 15 watts power handling capacity
- 8" cone speaker for excellent audio quality
- Available with transformer mounted and wired (T725 models)
- Available with screw terminal strip (BR models)
- Easy to install in wall baffles or ceiling grilles

## Technical Specifications

Model	Dimensions	Magnet Weight	Frequency Response	Sensitivity (1W/ 4 ft.)	Power/Taps (in Watts)	Connections	Shipping Weight (16/ Carton)
S86	8" Dia x 3-1/4" D	6 oz.	50 Hz-12 kHz	95 dBspl	8 ohms @ 7W	Push-on Lugs (0.2")	25 lb. / crtn
S86T725					4, 2, 1, 1/2, 1/4, 1/8W @25 & 70V	Wire	32 lb. / crtn
S86T725BR						Screw Terminal	36 lb. / crtn
S810	8" Dia x 3-1/4" D	10 oz.	70 Hz-15 kHz	96 dBspl	8 ohms @ 15W	Push-on Lugs (0.2")	34 lb. / crtn
S810T725					4, 2, 1, 1/2, 1/4, 1/8W @25 & 70V	Wire	50 lb. / crtn

**Architect  
and Engineer  
Specifications**

**S86 Cone Loudspeaker** The loudspeaker shall be a Bogen model S86 (or transformer-coupled **S86T725** or **S86T725BR**), 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, a 3/4" inch voice coil, and a power handling capacity of 7W, minimum. Mounting holes shall be provided for attaching an optional transformer. Speaker depth shall be 3-1/4".

(For **S86T725** add) 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 transformer primary and secondary leads shall be stripped, tinned, and shall be at least 6" in length.

(For **S86T725BR** add) A terminal strip shall be provided for connection of the audio line. Terminals shall be labeled for 4, 2, 1, 1/2, 1/4, and 1/8-watt connection.

**S810 Cone Loudspeaker** The loudspeaker shall be a Bogen model S810 (or transformer-coupled **S810T725**), or equivalent, 8" cone-type loudspeaker, having a frequency response of at least 70 Hz to 15k Hz. Axial sensitivity shall be 96 dB, measured at 1-watt/4 feet. The loudspeaker shall have a 10 oz. ceramic magnet, a 1" voice coil, and power handling capacity of 15 watts, minimum. Mounting holes shall be provided for attaching an optional transformer. Speaker depth shall be 3-1/4".

(For **S810T725** add) 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 transformer primary and secondary leads shall be stripped, tinned, and shall be at least 6" in length.

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