

# Metal Box Speakers

## Models MB8TSQ, MB8TSL, MB8TSQVR, and MB8TSLVR



recessed volume control, VR models

### Description

Bogen's MB8TSQ and MB8TSL speakers feature an all-steel surface-mounted enclosure with an 8" cone loud-speaker and multi-tap 4-watt 70V/25V transformer. The MB8TSQ speakers are suitable for ceiling or wall mounting. The MB8TSL speakers are designed primarily for wall mounting, with front face angled downward by 12.5 degrees. Models with VR suffix have a recessed volume control at the center of the grille (see inset).

### Features

- Rugged all-steel surface-mounted enclosure
- Full range 8" cone speaker for excellent intelligibility
- Compatible with 25V or 70V amplifier systems
- Multiple taps at 4, 2, 1, 1/2, 1/4, 1/8 watts
- 4-Watt maximum output power
- Mounting hardware included (toggle bolts, wood screws and wire crimps)
- VR Models feature recessed volume control at the center of front speaker grille

### Technical Specifications

Cone Diameter:	8" (paper)
Magnet Weight:	6 oz.
Power Rating (max.):	4 Watts
Transformer Power Taps:	4, 2, 1, 1/2, 1/4, 1/8 Watts
Constant Voltage Amp Type:	70V or 25V
Frequency Response:	110 Hz -15 kHz
Sensitivity (min.) (1 watt @ 1 meter on axis):	96 dBspl
Dispersion (min.):	100°
Product Weight:	9 lb.
Enclosure Size:	MB8TSQ(VR) - 11-5/8" W X 11-5/8" H X 4-1/4" D; MB8TSL(VR) - Top: 11-5/8" W X 11-5/8" H X 5-3/8"; Bottom: 11-5/8" W X 11-5/8" H X 3-1/8" D
Construction:	Painted steel enclosure

### Architect & Engineer Specifications

The speaker shall be a Bogen Model \_\_\_\_\_ (specify MB8TSQ, MB8TSQVR, MB8TSL, or MB8TSLVR). The unit shall include an 8" paper cone speaker with 6 oz. magnet. The frequency response shall be 110 Hz to 15 kHz. Dispersion angle shall be no less than 100°. Sensitivity, measured 1 watt @ 1 meter on axis, shall be a minimum of 96 dBspl.

The unit shall incorporate a transformer with tap selection wires corresponding to power settings of 4, 2, 1, 1/2, 1/4, and 1/8 watts for both 70V and 25V constant voltage speaker systems.

Models with VR suffix shall feature a recessed volume control centered in the front speaker grille.

The speaker enclosure shall be full steel construction and allow for surface mounting. The enclosure shall be painted off-white and measure \_\_\_\_ [specify 11-5/8" W X 11-5/8" H X 4-1/4" D for MB8TSQ(VR) or 11-5/8" W X 11-5/8" H X 5-3/8" D (top) and 11-5/8" W X 11-5/8" H X 3-1/8" D (bottom) for MB8TSL(VR)].

Front face of models MB8TSL(VR) shall be angled by 12.5 degrees downward. Product weight shall be 9 lb.