



features

- **Description:**
 - A ready-to-install 8" speaker that features clamps for fast, efficient mounting to beams or girders in open ceiling environments. It provides clear reliable performance for paging or background music.
- **Driver:**
 - 8" 15W dual cone driver (#810) with power rating of 15 watts RMS and 10 oz. ceramic magnet.
 - Cone is molded of a high fiber content material to provide smooth extended frequency response and a clean natural sound.
- **Transformer:**
 - Wired 25V/70V dual voltage transformer (#TLM-572) with taps at 0.25, 0.5, 1, 2 and 5W.
- **Enclosure & Grille:**
 - U.S. steel, screw-mount grille (#WB-8) features 12.875" diameter and white powder epoxy finish. Includes white screws.
 - U.S. steel backbox (#8XD4) measures 10" dia. x 4"D (tapered) and has a volume of 0.147 cu.ft. Includes top/side knockouts and a polyurethane foam disc. White powder epoxy finish.
- **Connections:**
 - Externally accessible speaker leads exit the backbox through a metal strain-relief clamp for fast installation. Simply splice connecting wires, push completely inside backbox, and tighten clamp.
- **Mounting Aids:**
 - Dual clamps on the backbox mount to beams or girders in open ceiling environments.
- **A&E Specifications:**
 - The speaker shall be Lowell #BC-810-72, which shall include an 8" 15W dual cone driver, dual voltage transformer, and steel screw-mount grille mounted to a conically shaped backbox with externally accessible, strain-relieved leads and top-mounted beam clamps. The driver shall have a frequency response of 54Hz-11.6kHz (±6dB), 50Hz-20kHz (±6.6dB) and sensitivity of 97.9dB. The factory wired transformer shall be dual voltage 70/25V with power taps at 0.25, 0.5, 1, 2, and 5 watts. The assembly shall have a white powder epoxy finish.

Driver Specifications (measured half space):

Driver No.	Driver Size	Power Rating	Driver Type	Ceramic Magnet	Frequency Response	Dispersion 2000Hz	Voice Coil Impedance	Voice Coil Diameter	Sensitivity 1W / 1M	Depth (wo xfrm)	Max SPL
810	8"	15W RMS	Dual cone	10 oz.	54Hz-11.6kHz (±6dB) 50Hz-20kHz (±6.6dB)	95 degrees conical (-6dB)	8 Ohms	1"	97.9dB Avg.	2.84"	109.7dB*

* Calculated Value 1M @ Driver Power Rating. Additional technical information is available on spec sheet for driver #810

Speaker Summary:

Model No.	Driver	Transformer	Grille	Enclosure	Mounting Aids
BC-810-72	8" 15W dual cone	25V/70V dual voltage	12.875" dia.	10" dia. x 4"D	Clamps for open beam ceilings

