

Model: BC-810-72

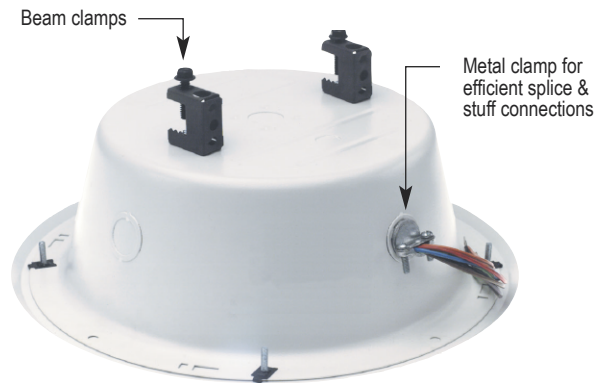
BC Beam-Clamping Speaker Assembly (15W)

Description

The BC-810-72 beam-clamping speaker assembly is ideal for attachment to beams or girders in open structure ceiling environments. The ready-to-install package is shipped with the speaker, transformer, and grille mounted within a conically shaped backbox. The speaker / transformer is Lowell's dual cone 15W driver Model 810 with a 25V/70V transformer to provide clear and reliable performance for voice paging and background music applications. Architectural grille is Model WB-8, an aesthetically pleasing grille that is precision formed from one-piece steel and finished in white powder epoxy. The grille is mounted to the backbox with matching white screws for a quality appearance. Outside diameter of the grille and the assembly is 12.875". The backbox is Lowell Model 8XD4 equipped with two beam clamps mounted on top. For efficient field connection, the assembly features externally accessible speaker leads exiting through a metal strain-relief clamp. Simply splice connecting wires and push them completely inside the backbox and tighten the clamp. The backbox is steel, finished in white powder epoxy.

Features

- Fully contained speaker assembly includes clamps for fast, efficient mounting to beams and girders.
- Externally accessible leads include strain relief for fast and reliable field connection.
- 15W driver with wired transformer is ideal for distributed paging and music applications.
- Architectural grille and backbox are finished in durable white powder epoxy.



Ready-to-install 15W speaker assembly features a clamping backbox with factory mounted driver, transformer and grille.



Speaker / Transformer



Grille

A & E Specifications

Beam clamping speaker assembly shall be Lowell Model BC-810-T72. Assembly shall include a 15W dual cone driver with dual voltage transformer and grille mounted to a conically shaped backbox providing externally accessible and strain-relieved leads and top-mounted beam clamps. Speaker shall have a frequency response of 47Hz - 20kHz±6dB and a sensitivity of 95dB. Factory-wired transformer shall be dual voltage 70V / 25V with power taps at 0.25, 0.5, 1, 2, and 5 watts. Assembly shall be finished in white powder epoxy.

DRIVER SPECIFICATIONS

Driver Model	Size	Power Rating	Type	Ceramic Magnet	Frequency Response	Dispersion	Voice Coil Impedance	Voice Coil Diameter	Sensitivity 1W / 1M	Depth	Weight
810	8"	15W	Dual RMS	10 oz. cone	47Hz - 20kHz ±6dB	120° @	8 Ohms 2000Hz -6dB	1"	95dB Avg.	2.84" 100dB Peak	2.0 lbs.

Assembly Model	Driver	Transformer Voltage	Transformer Taps	Mounted Grille	Mounted Backbox	Mounting Style
BC-810-72	810	70 / 25	0.25, 0.5, 1, 2, 5W	WB-8 round white CRS 12.875 dia.	8XD4 (10"Dia. x 4"D + clamps)	2 beam clamps