



## Model No. **LT2-810-BB** **2x2 Speaker System for Tile Ceilings**

- Includes 8" driver, 2x2 grille/subplate, backbox

Quick install speaker system for suspended tile ceilings features an 8" dual cone driver, 2'x2' fine perforation grille with subplate and backbox. Ideal for commercial paging and background music.

### Features

- Driver (810): 8" 15W dual cone driver with 10 oz. magnet, frequency response of 54Hz-11.6kHz ( $\pm 6$ dB), 50Hz-20kHz ( $\pm 6$ dB) and sensitivity of 97.9dB avg. measured 1W/1M.
- Grille with subplate (2'x2'): Fine-perforation grille is designed to provide maximum free-air space for excellent sound transmission while maintaining an unobtrusive appearance in new or existing tile ceilings. Quick install. White finish.
- Backbox (8XD4): 0.147 cu.ft. steel backbox protects driver. Speaker leads exit through a metal clamp for fast connection—just splice connecting wires, push them inside the enclosure and tighten the clamp. Black finish.



Mounted driver

Assembly is fabricated with four restraint tabs for code compliance. Use the tip of a screwdriver to bend the tab out for tie-offs.



Fine perforation grille

### A&E Specifications

The speaker system for suspended tile ceilings shall be Lowell Model No. LT2-810-BB. The 2'x2' system shall directly replace a 2'x2' ceiling tile. Each speaker system shall include a factory-mounted driver mounted to a subplate with a fine perforation steel grille finished in white powder epoxy. The driver shall be 8" dual cone with a power rating of 15W. It shall have a magnet weight of 10 ozs., frequency response of 54Hz-11.6kHz ( $\pm 6$ dB); 50Hz-20kHz ( $\pm 6$ dB) and sensitivity of 97.9dB avg. measured 1W/1M. The system shall include a steel backbox (0.147 cu.ft.) with leads exiting through a metal clamp.

### Driver Specifications (half space)

Driver No.	Size	Power Rating	Type	Ceramic Magnet	Frequency Response	Dispersion @2000Hz -6dB	Voice Coil Impedance	Voice Coil Diameter	Sensitivity 1W / 1M	Max SPL**	Depth	Weight
810	8"	15W	Dual cone	10 oz.	54Hz-11.6kHz (+6dB) 50Hz-20kHz (+6.6dB)	95 degrees conical	8 ohms	1"	97.9dB Avg	109.7dB	2.84"	2.0 lbs.

\*\* Calculated value 1M @ driver power rating.

Additional technical information is available on the spec sheet for driver No. 810.

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## Drawings

