



with domestic & global components

Model No. LT2-830-T870-Vb 2x2 Speaker System for Tile Ceilings

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

Quick install speaker system for suspended tile ceilings features an 8" coaxial driver, 70V transformer, 2'x2' fine perforation grille with subplate and volume backbox. This system is ideal for foreground music.

Features

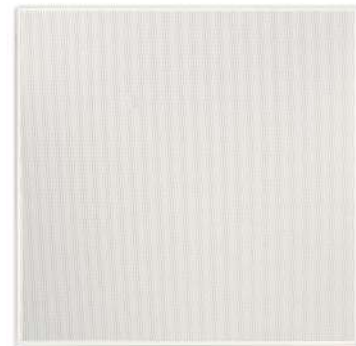
- Driver (CT830A): 8" 20W coaxial driver with 12 oz. magnet, frequency response of 57Hz-14kHz (± 6 dB), 44Hz-20kHz (± 7.6 dB) and sensitivity of 97.0dB avg. measured 1W/1M.
- Transformer (TLM-870): 70V transformer has primary taps at 1, 2, 4, and 8W.
- Grille with subplate (2'x2'): Fine-perforation grille 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.
- Volume Backbox: 0.8 cu.ft. steel backbox with acoustic lining enhances audio performance. 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.



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



Mounted driver and transformer



Fine perforation grille

A&E Specifications

The speaker system for suspended tile ceilings shall be Lowell Model No. LT2-830-T870-Vb. 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" coaxial with a power rating of 20W. It shall have a magnet weight of 12 ozs., frequency response of 57Hz-14kHz (± 6 dB), 44Hz-20kHz (± 7.6 dB) and sensitivity of 97.0dB avg. measured 1W/1M. The mounted transformer shall be

70V with primary taps at 1, 2, 4 and 8W. The system shall include a steel backbox (0.8 cu.ft.) with acoustic lining. Driver leads exit 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
CT830A	8"	20W	Coaxial	12 oz.	57Hz-14kHz (± 6 dB) 44Hz-20kHz (± 7.6 dB)	80 degrees conical	8 ohms	1"	97.0dB Avg	110.0dB	3.2"	2.4 lbs.

** Calculated value 1M @ driver power rating.
Additional technical information is available on the spec sheet for driver No. CT830A

Drawings

