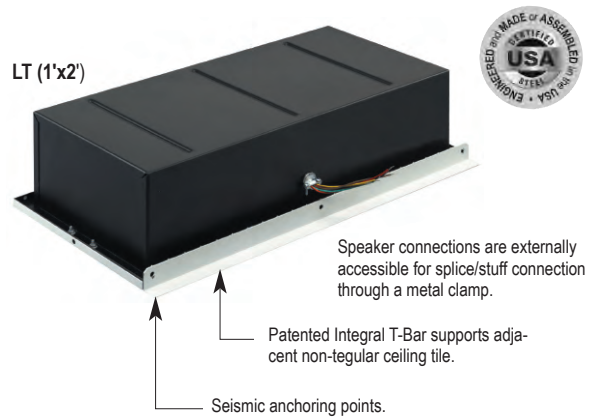


Model series: LT-4A

Lay-in Tile Packaged Speaker System (pro sound, 4" speaker)

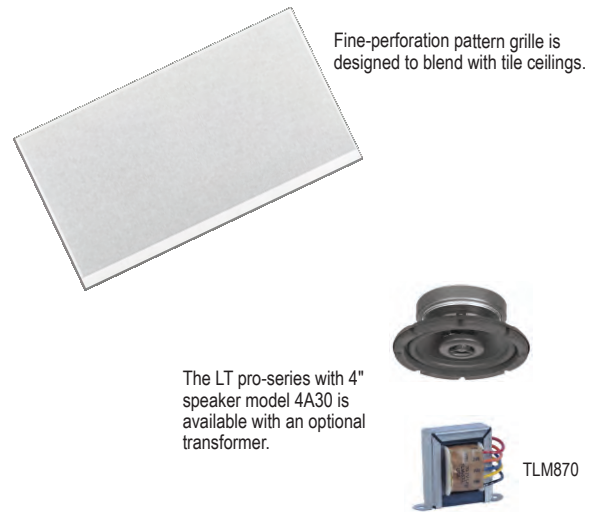
Description:

The LT-series speaker assembly provides quality performance and easy installation in suspended ceiling applications, offering smooth musical sound reproduction for lounges, restaurants, lobbies, retail stores and similar venues. The system includes a factory-wired speaker (with optional transformer) mounted to a 1'x2' fine perforation grille and 0.8 cu.ft. acoustic backbox. The LT is shipped ready-to-install and does not require speaker cut-outs in the ceiling tile. **1'x2' Assembly:** is supported by the T-Bar grid and includes an integral T-Bar support (US patent no's. 7,120,269; D467,579 and 7,643,647) for fast installation when replacing half of a non-regular 2'x2' tile or one-fourth of a non-regular 2'x4' tile. System includes a speaker assembly (with optional transformer) mounted to a 1'x2' subplate with fine-perforation grille, integral T-Bar, and pre-mounted (0.8 cu.ft.) volume backbox with acoustic lining for extended low frequency performance. For fast connection, speaker leads exit the backbox through a metal clamp. (Splice connecting wires, push them inside the enclosure and tighten the clamp.)



System Features:

- Speaker: model 4A30 is a 4" 30W coaxial speaker with 10 oz. low frequency and 2 oz. high-frequency magnets. It's engineered for distributed sound systems requiring a high performance coaxial speaker for even, high-frequency dispersion, low distortion and clear fidelity for foreground music. Speaker features post-mounted dome tweeter, effective crossover and woofer with long excursion, half-roll surround on poly cone. 8 ohm.
- Grille: fine-perforation pattern grille, designed to provide maximum free-air space for excellent sound transmission, while maintaining an unobtrusive appearance in new or existing tile ceilings. The 1'x2' grille includes an integral two-foot T-bar to support neighboring non-regular tile. White powder epoxy finish.
- Backbox: 0.8 cu.ft. volume backbox (Vb) with acoustic lining. Black powder epoxy finish.
- Transformer: optional transformer.
 - TLM870: 70V transformer with taps at 1, 2, 4, 8W (4-8 ohm)



A&E Specifications:

The speaker system for suspended tile ceilings shall be Lowell LT-series Model _____ with grille size 1'x2'. The 1'x2' system shall replace half of a non-regular 2'x2' tile or one-fourth of a non-regular 2'x4' tile and shall _____ include _____ an integral T-Bar to support the adjacent ceiling tile. Each system shall include a factory-mounted speaker (with optional wired transformer) mounted to a subplate with a fine perforation pattern steel grille finished in white powder epoxy. System shall also include a factory-mounted speaker backbox with a volume of 0.8 cu.in. lined with 1-1/2 inch thick fiberglass and finished in black powder epoxy. The speaker shall be a 4" coaxial with a power rating of 30W. It shall have a magnet weight of 10oz., frequency response of _____ and a sensitivity of _____ measured 1W/1M. The optional 70V transformer shall have primary taps at _____. Speaker connections shall exit the backbox through a metal clamp.

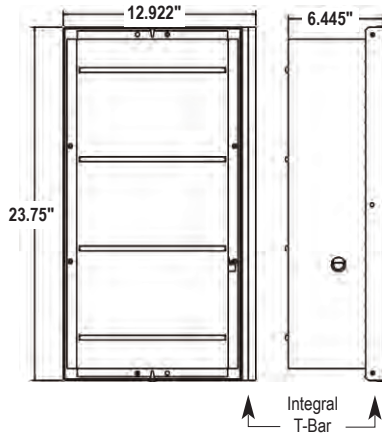
Model No.	Description	Speaker	Transformer	Transformer Taps	Backbox	Grille
LT-4A-Vb	1x2 LT Speaker System	4A30 (30W)	-----	-----	Vb (0.8 cu.ft.)	White
LT-4A-T870-Vb	1x2 LT Speaker System	4A30 (30W)	TLM870	70V: 8, 4, 2, 1 W	Vb (0.8 cu.ft.)	White

Spec. No. **1046**
(rev. 12.07.10)
pg. 1 of 2

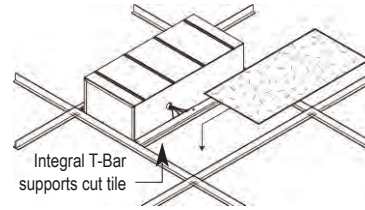
©2010 Lowell Manufacturing Company, 100 Ingram Dr., Pacific MO 63069. Phone-800.325.9660 Fax-636.257.6606. Lowell makes every effort to provide accurate information while reserving the right to change specifications and/or improve manufacturing methods without notification. (lowellmfg.com)



Lay-in Tile Packaged Speaker System (pro sound, 4" speaker)



Dimensions: LT-series 1'x2' system with 0.8 cu.ft. backbox.



1'x2' installation: Replaces half of a non-regular 2'x2' ceiling tile or one-fourth of a non-regular 2'x4' ceiling tile. Integral T-Bar supports non-regular tile that was cut.

Speaker Specs (measured half space)												
Speaker Model No.	Size	Power Rating	Type	Ceramic Magnet	Frequency Response	Dispersion (octave avg.)	Voice Coil Impedance	Voice Coil Diameter	Sensitivity 1W / 1M	Max SPL*	Depth (w/o xfmr)	Weight (w/o xfmr)
4A30	4"	30W	Coaxial A-series	10 oz. LF .06 oz. HF	80Hz - 20kHz ±6dB 40Hz - 20kHz Nominal	150° @ 2000Hz -6dB	8 Ohms	1" LF 1.75" HF	89dB Avg	104dB	2.25"	1.75 lbs

*Calculated value 1M @ speaker maximum power. Complete information including frequency and polar data is available on the speaker spec sheet.