

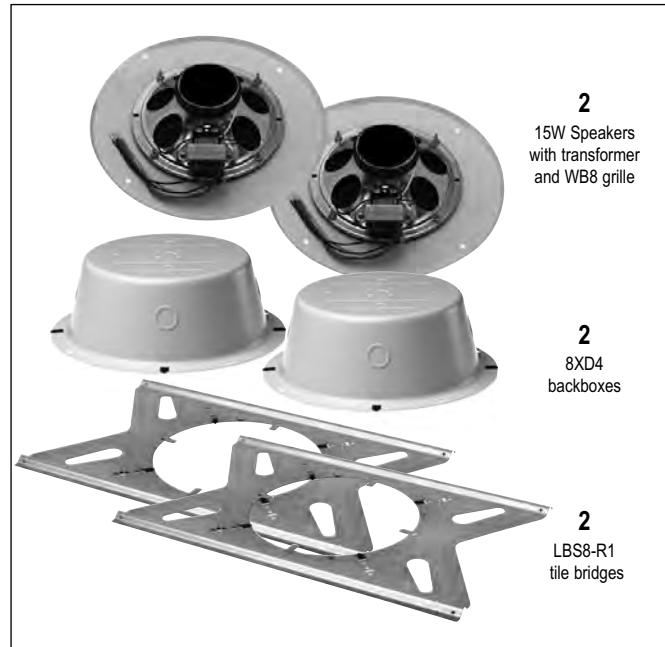
Quality Features

- All-in-one box, speaker system with mounting accessories provides ordering and inventory convenience.
- System includes (2) 8" speakers with transformer mounted to an attractive grille, (2) backboxes and (2) tile bridges.
- System includes industry standard 15W dual cone driver Model 810.
- Backboxes and tile bridges utilize Lowell's time-saving Twist'n Lock mounting method (may also be screw mounted, if preferred).
- See also *LT Series tile speaker systems for an even faster solution to mounting speakers in a tile ceiling.*

Description

Lowell's RPAK System is packaged in a single box for easy ordering, inventory and installation convenience. It includes two 15W drivers (Model 810) with dual voltage transformers mounted to a white perforated grille (Model WB8) and boxed with two conically shaped backboxes (Model 8XD4) and two tile bridges (Model LBD8-R1) with Twist'n Lock easy installation feature. Single box systems are great for distributors, stocking warehouses and any application where the ordering, shipping, stocking or job site convenience of a having a speaker system pair with all mounting accessories in a easy carry carton is advantageous.

Speaker System Model RPAK810-72 is an excellent choice for quality general purpose paging and distributed music applications where economy and installed costs are prime considerations. The 15W system includes industry standard 8" dual cone driver Model 810 with 10oz. magnet, 47Hz - 20kHz ± 6 dB frequency response and 95dB Avg sensitivity measured 1W/1M. The driver utilizes a molded high fiber content cone to achieve smooth, extended response with a clean, natural sound. To facilitate a variety of distributed applications each driver includes Lowell's versatile dual voltage 70/25V transformer Model TLM572 with primary taps at 0.25, 0.5, 1, 2, and 5W.



RPAK One-box System - Great Stocking Distributor item!



System grille Model WB8 is factory mounted to the 810 driver using welded studs and installs to the system backbox and tile bridge, included, using four white screws (provided). The grille is precision-formed steel with an attractive white finish that blends nicely with suspended tile ceilings of all types.

System Backbox Model 8XD4 is formed from heavy gauge galvanized steel with an acoustic pad and four 1/2 - 3/4" knockouts for conduit. The lip is punched for screw-mount installation or Twist'n Lock mounting of the backbox to system tile bridge Model LBS8-R. Two backboxes are included in each system.

System Tile Bridge Model LBS8-R1 transfers the speaker assembly weight to the ceiling support structure in suspended tile ceilings. Each RPAK system includes two galvanized steel tile bridges with Twist'n Lock mounting tabs and four wire-tie holes for seismic anchoring if required.

RPAK System Assembly - Carton Contents

System Model	2-Quantity Driver Model	Mounted Xfmr (ea. driver)	Xfmr Taps	Mounted Grille (ea. driver)	2-Quantity Backbox Model	2-Quantity T-Bridge Model
RPAK-810-72	810	TLM572 (70/25V)	0.25, 0.5, 1, 2, 5W	WB-8	8XD4 (10"Dia. x 4"D)	LBS8-R1 (23.75"L)

Driver Specifications

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



RPAK Series

One Box Systems (2) Speaker Assemblies (2) Backboxes (2) T-Bridges

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A & E Specifications

The 8 inch speaker system shall be Lowell RPAK Series Model RPAK-810-72. Each system shall be packaged complete with two 8" dual cone drivers with wired dual voltage (70/25V) transformer and mounted white grille boxed with two 4"D backboxes and two tile bridges.

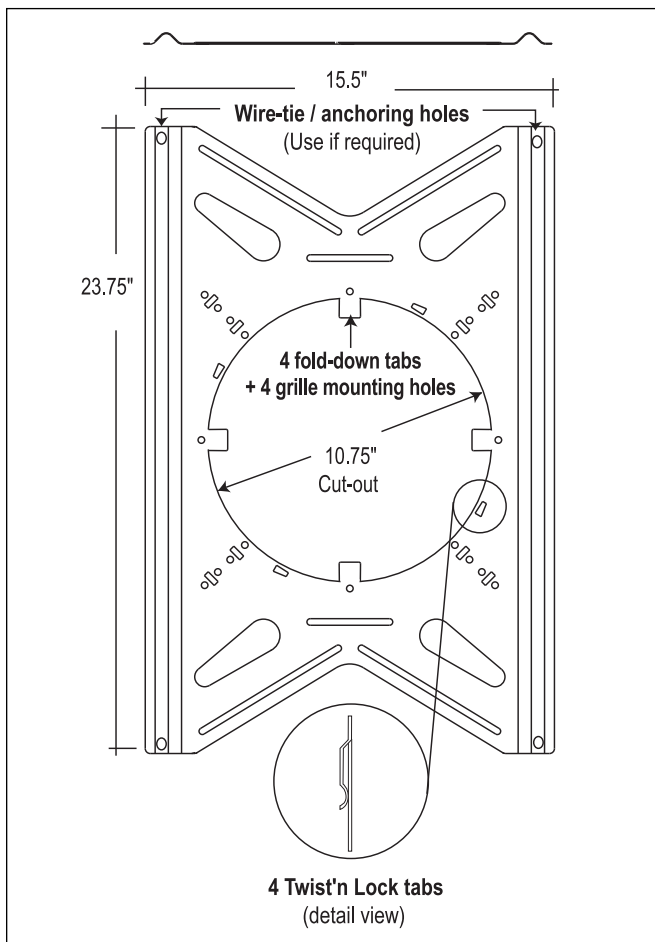
The system speaker shall have an RMS power rating of 15W. It shall employ a 10 oz. ceramic magnet and a molded high fiber cone. Frequency response shall be 47Hz - 20kHz ± 6 dB with a sensitivity of 95dB Avg. measured 1W/1M.

The transformer shall be a factory wired 70/25V unit and shall have primary taps available at 0.25, 0.5, 1, 2, 5 watts. The grille (Model WB8) shall be factory mounted to the speaker and shall be manufactured of steel and finished in white.

System mounting accessories shall include two Lowell 8XD4 galvanized steel backboxes measuring 10"Dia x 4"D with 1/2 - 3/4" knockouts for conduit. Each system shall also include two Model LBS8-R1 tile bridges to transfer the speaker assembly weight to the ceiling's support structure in suspended tile ceiling applications.

Each Lowell product is manufactured to the same exacting standards using precision forming and finishing technology. This ensures that each item will be precisely the same and will provide trouble-free installation and professional appearance.

12"10"
Speakers & Accessories



Installation Overview - RPAK Series

Place LBS8-R1 tile bridge in position on the finish/room side of the ceiling tile. Use the center opening as a template to score/cut the ceiling tile.

Since you are installing a speaker assembly using screw-mount grille Model WB8, mark or punch the four grille mounting holes on the finish side of the tile (you will want these visible when mounting the speaker/grille assembly). The grille mounting holes are adjacent to the four fold-down tabs on the tile bridge (see drawing).

Turn the ceiling tile over and place the tile bridge on the back side of the tile, over the cutout, then push the fold-down tabs into the cutout so they grip the tile.

Place the 8XD4 backbox onto the tile bridge and align the Twist'n Lock tabs with the cutouts in the lip of the backbox, then turn the backbox right to lock/secure it to the tile bridge. Alternatively, you may use 8-32 screws (by others) to mount the backbox.

Pull wiring into backbox per code/job requirements.

Make speaker wiring connections and then screw mount the speaker/grille assembly (using 4 white screws provided) through the grille mounting holes (marked on tile) and into the tile bridge and backbox.

For detailed instructions, refer to the LBS8-R1 spec sheet on the Lowell website www.lowellmfg.com

8"
Speakers & Accessories

6"
Speakers & Accessories

4"
Speakers & Accessories

Horn
Speakers & Accessories

Masking
Speakers & Generators

Control
Accessories & Electronics

Systems