

Recessed Ceiling Speaker Kit #RPAK-810-72

includes two sets (speaker, transformer, enclosure, grille, T-bridge)
for general purpose paging & distributed music



Includes
2 sets

features

• **Description:**

The RPAK speaker system is an excellent choice for general purpose paging and distributed music applications where economy and installation costs are prime considerations. It's packaged in a single box for easy ordering, inventory, as well as installation. Each package includes two 8" dual cone drivers with dual voltage transformers, enclosures, grilles, and tile-bridges.

• **Includes two (2) of each:**

- Driver #810: 8" 15W dual cone driver with 10oz. magnet, 54Hz-11.6kHz (±6dB) and 50Hz-20kHz (±6.6dB) frequency response, 97.9dB Avg sensitivity measured 1W/1M. Driver uses molded high fiber content cone to achieve smooth extended response with a clean, natural sound.
- Dual-voltage Transformer: The factory-wired 70V/25V transformer has primary taps at 0.25, 0.5, 1, 2, 5W.
- Grille #WB-8: The precision-formed steel grille with white finish blends nicely with suspended tile ceilings. The (12.88"dia.) grille is factory-mounted to the driver with welded studs. It installs to the enclosure and tile-bridge with four white screws (provided).
- Enclosure #8XD4: Heavy gauge steel (10"dia. x 4"D) enclosure features white powder epoxy finish, punched lip for installation to the tile-bridge, four 1/2"-3/4" knockouts for conduit, and an acoustic pad. *Note: Does not include 8-32 screws to mount to tile-bridge.*
- Tile-bridge #LBS8-R1: The T-bridge transfers the assembly weight to the ceiling support structure in suspended tile ceilings. Galvanized steel with four wire-tie holes for seismic anchoring (if required). 23.75" x 15.5" (10.75"dia. opening).

a&e specifications

The speaker system shall be Lowell Model #RPAK-810-72 which shall include two 8" dual cone drivers with wired dual voltage transformers and mounted white steel grilles boxed with two enclosures and two tile-bridges to transfer the speaker assembly weight to the ceiling support structure in suspended tile ceilings. The driver shall have an RMS power rating of 15W and employ a 10oz. ceramic magnet and molded high fiber cone. Frequency response shall be 54Hz-11.6kHz (±6dB) and 50Hz-20kHz (±6.6dB) with sensitivity of 97.9dB avg. measured 1W/1M. The transformer shall be 70V/25V with primary taps at 0.25, 0.5, 1, 2, and 5W. The grille shall be steel with white powder epoxy finish. The steel enclosure shall measure 10"dia. x 4"D and feature a white powder epoxy finish and 1/2"-3/4" knockouts for conduit. The tile-bridges shall be 23.75"L galvanized steel with holes for seismic anchoring.

Model summary

Model No.	Description	Drivers (2)	Transformers (2)	Enclosures (2)	Grilles (2)	T-Bridges (2)
RPAK-810-72	Recessed ceiling speaker kit	8" 15W dual cone	70V/25V	10"dia. x 4"D	12.88"dia.	23.75" x 15.5"



technical specifications

Driver + Transformer Specifications

Driver + XFMR	Driver Size	Driver Power Rating	Driver Type	Ceramic Magnet	Frequency Response	Dispersion 2000Hz (-6dB)	Voice Coil Impedance	Sensitivity 1W / 1M	Depth (w/o xfmr)	Weight (w/o xfmr)	Max SPL
810T72	8"	15W	Dual cone	10 oz.	51Hz-11.6kHz (±6dB) 50Hz-20kHz (±6.6dB)	95 degrees conical (-6dB)	8 ohms	97.9dB Avg.	2.84"	2.4 lbs.	104.9dB*

*Calculated value 1M @ maximum transformer tap (5W)

Additional technical information on spec sheet for driver #810

installation overview

1. Place the tile-bridge in position on the finish (room) side of the ceiling tile. Use the center opening as a template to score and cut ceiling tile.
2. Mark or punch four grille mounting holes on the finish side of the tile. Grille mounting holes are adjacent to the tabs on the tile-bridge (see drawing).
3. Turn the ceiling tile over and place the tile-bridge on the back side over the cutout, then push the tabs into the cutout so they grip the tile. Use 8-32 screws (not included) to mount the enclosure.
4. Pull wiring into the enclosure per code and job requirements, and make wiring connections.
5. Use the four white screws (provided) to screw-mount the driver/grille assembly to the enclosure using the grille mounting holes marked on the tile. See specification sheet for tile bridge #LBS8-R1 for more detailed instructions.

