Lowell™
Distributed Audio, Power & Rack Solutions

Installation Sheet

RPAK-810-425

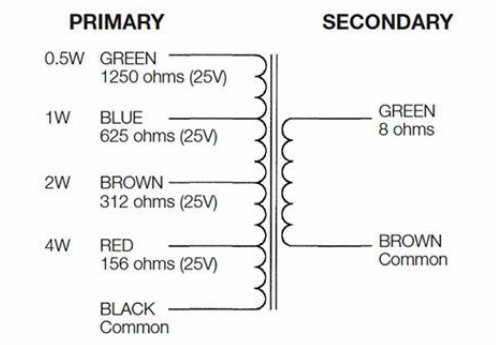
Electrical Specifications

	Model Number	Driver (Size)	Power Rating	Frequency Response	Dispersion @2K Octave	Sensitivity 1W/1M
Speaker:	**810**	**8"**	**15W RMS**	**54Hz-11.6kHz (+/- 6dB)**	**95 degrees conical**	**97.9dB Avg.**

	Model Number	Power Rating	Frequency Response	Primary Taps	Secondary Impedance	Insertion Loss
Transformer:	**TLM-572**	**5 Watts**	**50Hz-15kHz (+/- 1dB)**	**5, 2, 1, 0.5, 0.25 Watts**	**8 Ohms**	**<1dB**

Wiring for RPAK-810-72-LC:

These models include a 25V matching transformer. The transformer tap color code is given on a label on the rear of the round white baffle (grille). Use wire nuts or crimp connectors (furnished by the installer) to connect the chosen colored transformer primary tap wire to the incoming "+" positive conductor, and the black transformer primary common wire to the incoming "-" negative conductor. Always cut the tinned portion of the unused tap wires off and insulate the leads (with electrical tape, wire nut, or other insulator) to keep them from shorting out to each other or to any other metal surfaces.



RPAK-810-425





Lowell™
Distributed Audio, Power & Rack Solutions

Installation Sheet

RPAK-810-425

Figure 1

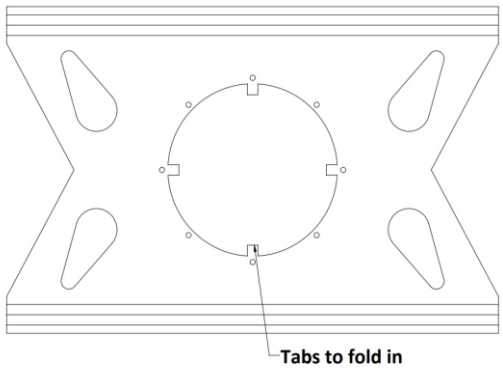
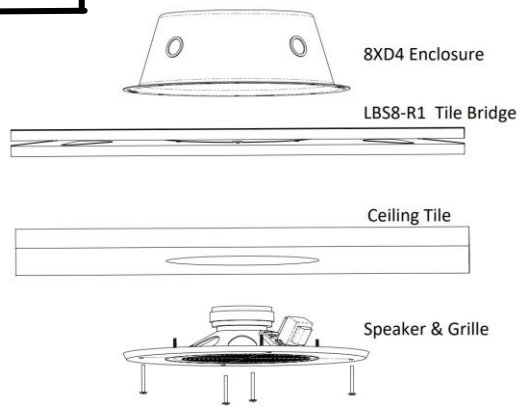


Figure 2





Installation Overview

1. Place T-bridge in position on finish (room) side of ceiling tile. Use center opening as template to score and cut ceiling tile.

2. Mark or punch four grille mounting holes on finish side of tile. Grille mounting holes are adjacent to tabs on T-bridge (see Figure 1).

3. Turn ceiling tile over and place T-bridge on back side over cutout, then push tabs into cutout so they grip the tile (see Figure 2).

4. Make wiring connections. Be sure to insulate all unused speaker tap wires from each other using electrical tape or wire nuts(not included).

5. Use the four white screws provided to screw-mount driver/ grille assembly to enclosure using the grille mounting holes marked on tile.

6. Most AHJs require restraint cables attached to opposing corners. Safety cables and earthquake restraint cables to be furnished by the installer, and attached at the corners of the tile bridge.

Lowell speaker installation should only be performed by experienced qualified professionals with a complete working knowledge of load-rated hardware and safe installation, mounting, and rigging techniques. Improperly installed speakers can result in property damage, personal injury, death, and/or liability for the installing contractor. The speaker system must be mounted in accordance with all local, state, and federal building codes and regulations, and the installation must conform to industry standard practices. It is the responsibility of the installer to properly select all installation hardware, rigging hardware, and safety/restraint cables to be used. Before installation, consult a licensed mechanical or structural engineer to evaluate and certify the structural integrity and safety of any mounting method used for the speaker systems in this installation. All speaker rigging systems and restraint cables must be designed with a minimum of a 5X safety factor. Lowell Manufacturing Company is not responsible for the use, misuse, misapplication, or unsafe installation of any loudspeaker that it has manufactured.

Lowell Manufacturing Company • 100 Integram Drive • Pacific, Missouri 63069 U.S.A.
Call: 800-325-9660 Fax: 636-257-6606 www.lowellmfg.com
Printed 7-22-26