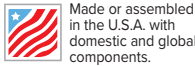




Rear view



An excellent choice for general paging and distributed music where the installed cost of the loudspeaker is of prime consideration, the R7810-72 speaker assembly is designed to provide consistent performance with clear intelligibility and wide dispersion. Ships ready for installation.

FEATURES:

- Driver (810):
 - 8" 15W dual cone driver
 - Power rating of 15 watts RMS
 - 10 oz. ceramic magnet
 - Driver cone molded of a high fiber content material to provide smooth extended frequency response and a clean natural sound.
- Wired Transformer (TLM-572):
 - Dual voltage 25V/70V
 - Taps at 0.25, 0.5, 1, 2, and 5W
- Grille (SG-8):
 - Certified U.S. steel
 - White powder epoxy finish
 - Square (11.44")
 - Screw-mount (includes white screws)

A&E SPECIFICATIONS:

The speaker assembly shall be Lowell model R7810-72, which shall include an 8" dual cone driver, wired dual voltage transformer and steel, screw-mount (square) grille. The driver shall have a 15 watt RMS power rating and employ a 10 oz. ceramic magnet and molded high fiber cone. Frequency response shall be 54Hz-11.6kHz (± 6 dB); 50Hz-20kHz (± 6.6 dB) with sensitivity of 97.9 dB avg. measured 1W/1M. The wired transformer shall be dual voltage (25V/70V) and have primary taps at 0.25, 0.5, 1, 2, and 5W. The steel grille with white powder epoxy finish shall be mounted to the driver.

R7810 Series Summary

Assembly Model No.	Driver	Dual Voltage Transformer	Transformer Taps	Steel Grille with White Finish	Volume Control
R7810-72	8" 15W Dual Cone	25V/70V	0.25, 0.5, 1, 2, 5W	Square, screw-mount	-----
R7810-72K	8" 15W Dual Cone	25V/70V	0.25, 0.5, 1, 2, 5W	Square, screw-mount	Knob



Driver Specifications (measured half space)

Driver	Size	Power Rating	Type	Ceramic Magnet	Frequency Response	Dispersion 2000Hz	Voice Coil Impedance	Voice Coil Diameter	Sensitivity 1W / 1M	Depth (wo xfrm)	Max SPL
810	8"	15W RMS	Dual Cone	10 oz.	54Hz-11.6kHz (± 6 dB) 50Hz-20kHz (± 6.6 dB)	95 degrees conical (-6dB)	8 Ohms	1"	97.9dB Avg.	2.84"	109.7dB*

*Calculated Value 1M@ Driver Power Rating. Additional technical information is available on the spec sheet for driver #810.

Note on Spacing: To determine speaker spacing, see the technical paper "Distributed System Speaker Spacing for the Integrator." A free download is available at Lowellmfg.com, where an online spacing calculator is also available.

Compatible Accessories (order separately)

Backbox Model No.	Size	Depth	Material	Installation	T-bridge Model No.	Support Rails Model No.
CB84-SG	11.5" sq.	4"	steel	surface-mount	---	---
P68X	10" sq.	4"	steel	recessed	---	SS24, SS30 or SS48
P68X-6	8.813" sq.	6"	steel	recessed	---	SS24, SS30 or SS48
None (infinite baffle)	---	---	---	---	LBS8*	---

* These speaker assemblies can be used in a tile ceiling without a backbox (if code permits) if installed with Lowell T-bridge LBS8. The installer will have to bend two tabs on the T-bridge for these assemblies to fit.

