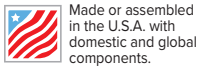




Includes screwdriver-adjustable volume control in center of grille.



Rear view



An excellent choice for general paging and distributed music where the installed cost of the loudspeaker is of prime consideration, the R1810-72S 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 (WB-8):
  - Certified U.S. steel
  - White powder epoxy finish
  - Round (12.875" diameter)
  - Screw-mount (includes white screws)

**A&E SPECIFICATIONS:**

The speaker assembly shall be Lowell model R1810-72S, which shall include an 8" dual cone driver, wired dual voltage transformer and steel screw-mount 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 (±6dB); 50Hz-20kHz (±6.6dB) 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. The assembly shall also feature a screwdriver-adjustable volume control in the center of the grille.

**R1810 Series Summary**

Assembly Model No.	Driver	Dual Voltage Transformer	Transformer Taps	Steel Grille with White Finish	Volume Control
R1810-72	8" 15W Dual Cone	25V/70V	0.25, 0.5, 1, 2, 5W	Round, screw-mount	-----
R1810-72K	8" 15W Dual Cone	25V/70V	0.25, 0.5, 1, 2, 5W	Round, screw-mount	Knob
<b>R1810-72S</b>	<b>8" 15W Dual Cone</b>	<b>25V/70V</b>	<b>0.25, 0.5, 1, 2, 5W</b>	<b>Round, screw-mount</b>	<b>Screwdriver-adj.</b>

This spec



## 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 xfmr)	Max SPL
810	8"	15W RMS	Dual Cone	10 oz.	54Hz-11.6kHz (±6dB) 50Hz-20kHz (±6.6dB)	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 Components (order separately)

Backbox Model No.	Diameter	Depth	Material	Features	T-bridge Model No.	Mounting Ring Model No.	Support Rails Model No.
8XD4	10"	4"	steel	flat flange for tile	LBS8 or LBS8-RI	---	SS24, SS30 or SS48
8PSBX*	10"	4"	plastic	flat flange for tile	LBS8 or LBS8-RI	---	SS24, SS30 or SS48
BME84	10.06"	4.06"	steel	retrofit tension bracket	---	(included)	---
CP84	12"	4.06"	steel	extended lip for sheetrock	LBS8-CP	---	SS24, SS30 or SS48
CP87	12"	6.69"	steel	extended lip for sheetrock	LBS8-CP	---	SS24, SS30 or SS48
CP810	12"	10.06"	steel	extended lip for sheetrock	LBS8-CP	---	SS24, SS30 or SS48
DX108	15"	10.50"	steel	extended lip for sheetrock	LBS8-CP	---	SS24, SS30 or SS48
XCP84	10.06"	4.06"	steel	flat flange for tile	LBS8 or LBS8-R1	---	SS24, SS30 or SS48
XCP87	10.06"	4.06"	steel	flat flange for tile & straps	LBS8 or LBS8-R1	---	SS24, SS30 or SS48
XCP810	10.06"	10.06"	steel	flat flange for tile	LBS8 or LBS8-R1	---	SS24, SS30 or SS48
None (infinite baffle)					LBS8 or LBS8-R1	RMP8 or PR8-1624	---

\* Imported

- Notes:
- If a backbox is not used (i.e. infinite baffle applications) a mounting ring may be needed. Speaker assemblies using grille WB-8 will accept mounting ring PR8-1624 (which has ears) or RMP8.
  - Mounting bolts are included with grilles and speaker assemblies (not T-bridges). The installer will need to supply four (4) 8-32 bolts to mount an enclosure to a T-bridge.

