

Economical ceiling grille for use with a standard 8" speaker presents a clean appearance with no visible mounting hardware—an attractive solution for offices, hotels, retail spaces, professional buildings, and similar venues. The grille has welded speaker studs and hardware devices to mount to the torsion receptacles that are welded into specified Lowell backboxes (order separately).

### FEATURES:

- **Construction:** 20-ga. steel grille with punched center, white powder epoxy finish, welded speaker studs.
- **Overall Dimensions:** 12.875" diameter
- **Mounting Projection:** 0.25"
- **Speaker Stud Circle:** 7.687" diameter
- **Country of Origin:** Made in USA with certified US steel
- **Hardware (included):**
  - (4) 8-32 x 3/4" welded studs with nuts to mount an 8" speaker
  - (2) Easy-install torsion brackets with spring devices allow the speaker/grille assembly to mount to torsion receptacles in compatible enclosures. Includes shoulder bolts/clips to install the two spring devices (select 1 of 4 bracket holes for depth adjustment).
- **Installation:** The torsion grille is designed to support a speaker/transformer/grille weight up to 3.5 lbs. Heavier assemblies will require the speaker/xfmr to be direct-mounted (screwed) to the inner flange of a Lowell IX Series enclosure, after which the the non-loadbearing torsion grille can be mounted to the enclosure.
  - **8" Speaker/xfmr assembly weighing less than 3.5 lbs. — includes most Lowell speaker/xfmr assemblies with 5–10oz. magnet and 4–8W transformer:** Place the speaker/xfmr assembly on the grille's welded studs, then place the two torsion devices on studs (opposite each other). Attach the speaker and torsion devices with the nuts provided. The assembly is then ready to mount to a compatible enclosure equipped with torsion receptacles.
  - **8" Speaker/xfmr assembly weighing more than 3.5 lbs. — includes all speaker/xfmr assemblies with Lowell driver model 8A50:** The speaker/xfmr assembly must be screw-mounted directly to a Lowell IX Series enclosure, which has an inner speaker mounting flange and torsion receptacles. After the speaker/xfmr assembly is mounted to the enclosure, the non-loadbearing grille with torsion devices can be mounted to the torsion receptacles in the enclosure.



Front



Rear (assembled)



Made in USA

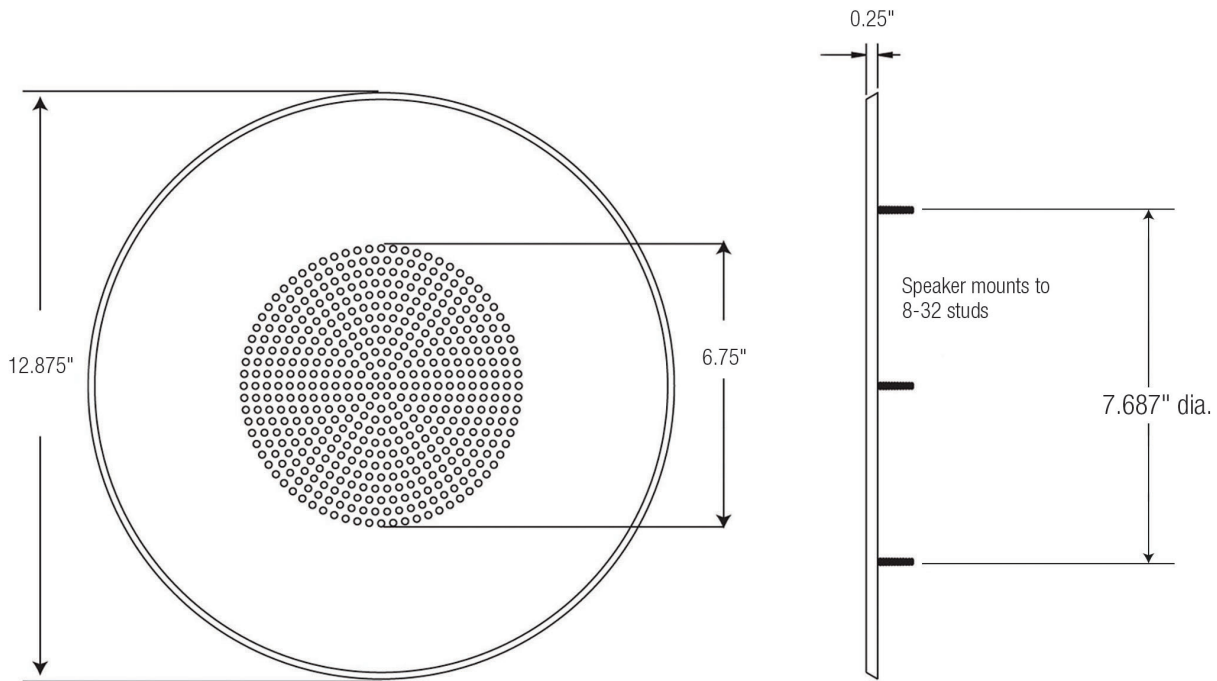
### COMPATIBLE COMPONENTS (order separately):

*Note: Grilles are designed to work with speakers, enclosures, and mounting accessories listed on this specification sheet. Using the grille to install speakers without a metal enclosure, may not meet the requirements of all local and national electrical and building codes. The installer should request approval of the installation method from the Authority Having Jurisdiction (AHJ) before installing the speaker system.*

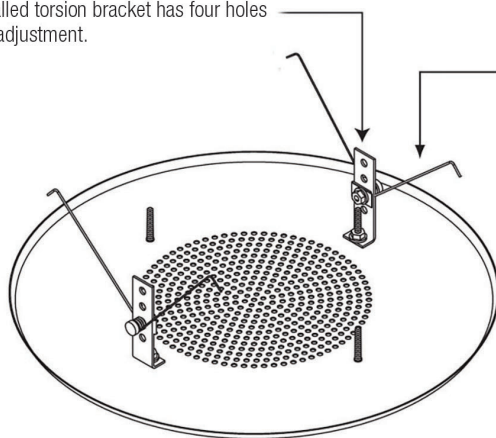
Application	Speaker	Enclosure	Mounting Aids
RECESSED in Tile Ceiling with enclosure	8" EIA	XCP84, XCP84-S, XCP87, XCP810, IX810	LBS8, LBS8-R1 (t-bridge)
RECESSED Before Drywall Installed with enclosure	8" EIA	XCP84, XCP84-S, XCP87, XCP810, IX810	PR8-1624 (rough-in bridge)
		IX810-EL	SS Series (rails)
RECESSED in Existing Drywall with enclosure	8" EIA	BME84, BME87	-----

*Notes: – Robust coaxial speakers, such as Lowell 8A50 or 8P100, require a large volume enclosure (greater than 4"D).*





Field-installed torsion bracket has four holes for depth adjustment.



Torsion spring fits into receptacles on specified enclosure.

Torsion device includes:

Two (2) torsion brackets (Installs to speaker studs with 8-32 nuts)

Two (2) torsion springs (Installs to bracket with shoulder bolt/clip)

Note: The torsion device is typically installed after the driver is mounted.

**A&E Specifications:** The grille for 8" speakers shall be Lowell model WB-8T. It shall be fabricated from 20-gauge steel with a punched center and mount using torsion bracket/spring devices. The diameter shall be 12.875" with mounting projection of 0.25". The grille shall be finished in white powder epoxy. It shall include welded studs, hex nuts, two torsion bracket/spring devices and installation accessories for mounting to specified Lowell backbox or mounting ring with torsion receptacles.

**WARNING!** Speaker installation should only be performed by experienced qualified professionals with knowledge of load-rated hardware and safe installation, mounting, and rigging techniques. Improperly installed equipment can result in property damage, personal injury, death, and/or liability to the installing contractor. The speaker system must be mounted in accordance with all local, state, and federal codes and regulations and the installation must conform to industry standard practices. It is the responsibility of the installer to furnish all installation hardware, rigging hardware, and safety or restraint cables to be used. Before installation, it is the responsibility of the installer to consult a licensed mechanical or structural engineer to evaluate and certify the structural integrity and safety of any mounting method and the suitability of that method to be used to mount the loudspeaker to the building structure in this particular installation. Lowell Manufacturing is not responsible for the use, misuse, misapplication, or unsafe installation of this loudspeaker product.

