

**2ft. x 2ft.**

# LOW IMPEDANCE DROP-IN CEILING SPEAKER

**NO CEILING  
TILE CUTTING  
WITH 2' X 2'  
CEILING FRAME**

**Plenum-Rated  
and Listed to  
UL-1480\***

## Low-Impedance Drop-In Ceiling Speaker with Back Can **CSD2X2L(U)**

Bogen's CSD2X2L(U) Drop-In Ceiling Speakers are 8-ohm, full-range speakers that allow for fast and easy installation, which saves installation time, effort, and cost.

The CSD2X2L(U) is a 2' x 2' speaker that fits perfectly into place in 2' x 2' ceiling grids – without needing to cut ceiling tiles or requiring the use of tile support rails. The CSD2X2L(U) can also be easily installed in 2' x 4' ceiling grids – just make one cut to the ceiling tile, position the support rail (included), and drop the speaker into place.

- *Finely perforated grille over the entire front of speaker*
- *Fully enclosed, industrial grade steel construction*
- *Enclosed Back Can*
- *8" main cone with secondary high-frequency cone*
- *Low-Impedance: 8-ohm speaker, 15W max. power*
- *Seismic attachment points*
- *Listed to UL Standard 1480 for for U.S. use*
- *Support Rail Crossbar (included)*
- *Available in Off-white grille finish*

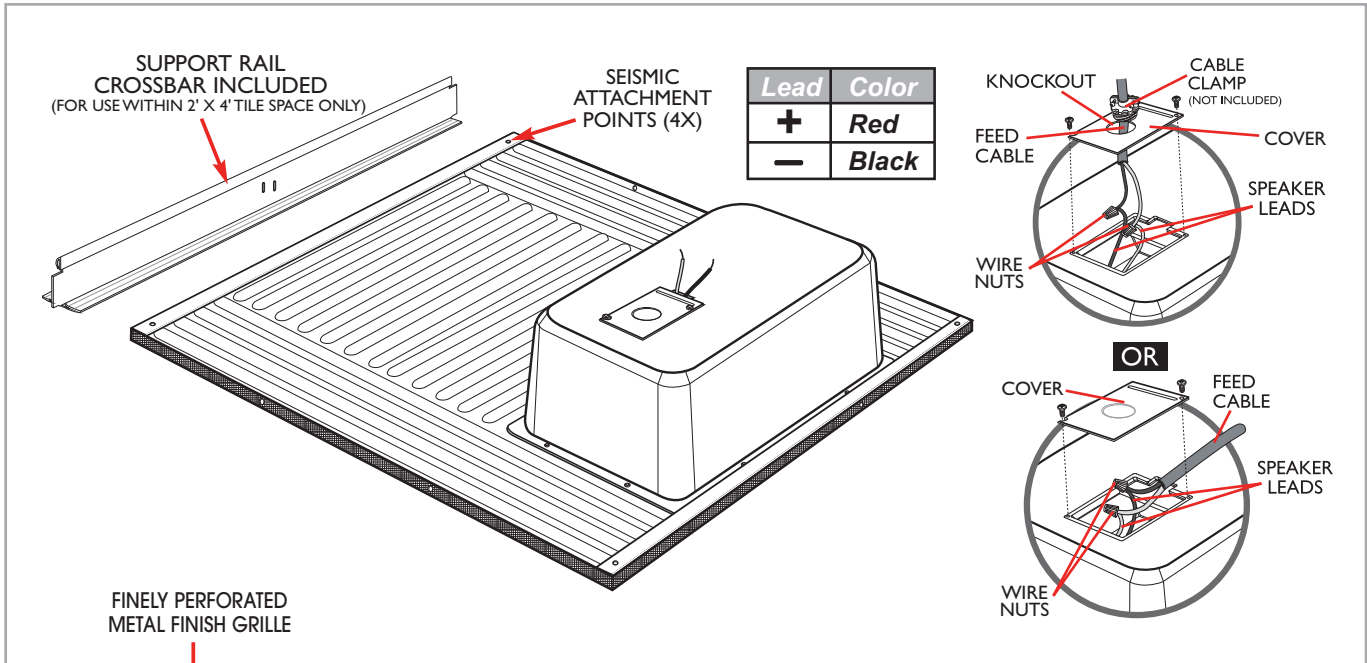


\*Listed to UL Standard 1480 for U.S. use

**BOGEN®**



# Low-Impedance Drop-In Ceiling Speaker CSD2X2L(U)



## SPECIFICATIONS

- Frequency Response ..... 85 Hz to 20 kHz
- SPL @ 1W / 1m ..... 94 dB
- Maximum Power ..... 15 watts @ 8-ohm
- Dispersion @ 2 kHz  
(6 dB down) ..... 100°
- Cone Material & Surround ..... Treated paper
- Cones ..... 8" main cone with secondary high frequency cone
- Magnet Weight ..... 10 oz.
- Connection ..... Via wire nuts (included in electrical box)
- Dimensions ..... .24" W x 4-7/8" H x 24" D
- Product Weight ..... 12 lb.

*Plenum-Rated, and Listed to UL Standard 1480 for U.S. use.*

### Architect and Engineer Specifications

The speaker shall be a Bogen Model CSD2X2L(U) Low-Impedance Drop-In Ceiling Speaker, which shall be fully enclosed and constructed of industrial grade steel. It shall be comprised of a damped high-compliance factory-mounted 8" loudspeaker that shall consist of an 8" treated paper main cone, a secondary high frequency cone, and a 10 ounce magnet. The unit shall have an 8-ohm nominal impedance with maximum power of 15 watts. Output shall be 94 dB @ 1 watt / 1 meter (min.). Frequency response shall be 85 Hz to 20 kHz (min.). The speaker shall include 4 seismic attachment points. The speaker shall have a non-reflective, Off-white metal finish grille. Speaker is listed to YL Standard 1480 for U.S. use.

The speaker assembly will fit into 2' x 2' and 2' x 4' ceiling tiles. For 2' x 2' installations, a support rail shall not be needed and no cuts to the ceiling shall be necessary. For 2' x 4' installations, a single cut to the ceiling tile and an included support rail shall be needed. The speaker shall measure 24" W x 4-7/8" H x 24" D and shall weigh 12 lb.