

# Ceiling Subwoofer

## Model CSUB



### Description

The Bogen CSUB Ceiling Subwoofer delivers superior bass reproduction in both suspended ceiling and drywall installations. The CSUB can provide deep, rich bass response to any speaker system. Perfect companions to the CSUB are Bogen's HFSF1 and HFCS1/LP ceiling speakers.

The CSUB offers several levels of power output controlled via a front-mounted rotary tap selector switch (under grille). The low-distortion speaker design, coupled with a computer-matched venting system, delivers exceptional low-frequency response for music. The CSUB design also features four integral swing-out mounting clamps that function as a tile bridge in suspended ceiling applications.

### Features

- Computer-matched venting system for extended bass response
- Ideally matched woofer to enclosure produces optimal bass output
- Band-pass enclosure design delivers most efficient bass response
- High power handling capability for foreground sound
- Selectable power taps via front-mounted control
- Power taps (in watts): 64, 32, 16, 8, 4, and 2
- 8-ohm settings for non-transformer, multi-speaker systems (selectable via tap selector switch)
- Integral swing-out mounting clamps eliminate need for any additional tile bridge
- Clamps operate from either the front or rear of the speaker
- Compounded rubber surround for lasting performance
- Easy wiring with plug-in connector
- Connector provides loop-through terminals for the next speaker
- Attachment point for seismic cable (safety cable)
- Input terminal cover with conduit knockouts provides protection for connections
- Off-white textured finish easily painted to match theme decor
- Attractive, contemporary, sturdy steel grille assembly with fine perforations
- Accessory 10-foot long safety cable kit (Model CK10, sold separately)
- TUV Listed for U.S.A. and Canada

### Technical Specifications

Frequency Response (-6 dB)*:	40 Hz to 125 Hz
Sensitivity (1W/1M)*:	91 dBspl
Dispersion:	Omni-directional
Power Input (Max.):	150W @ 8 ohms, 64W @ 70V
Power Setting (in watts)†:	70V: 64, 32, 16, 8, 4, 2
Baffle Material:	Fire rated (94V0) ABS
Back Can Material:	Heavy-gauge Steel
Terminations:	4-Terminal Snap-Lock Input Connector
Included Accessories:	(1) Snap-Lock Input Connector (1) Steel Terminal Cover with (2) mounting screws (1) Package, Butyl tape
Optional Accessories:	10-Ft. Safety Cable Kit (CK10)
Minimum Vertical Clearance:	11" (without Safety Cable Kit) 12-1/4" (when using Safety Cable Kit)
(From front of mounting surface)	
Ceiling Cutout:	14-1/4" dia.
Speaker Dimensions:	15-1/2" dia. × 11" D
Speaker Weight:	19 lb.

\* Half-Space Response (Ceiling-mounted), 8-ohm input

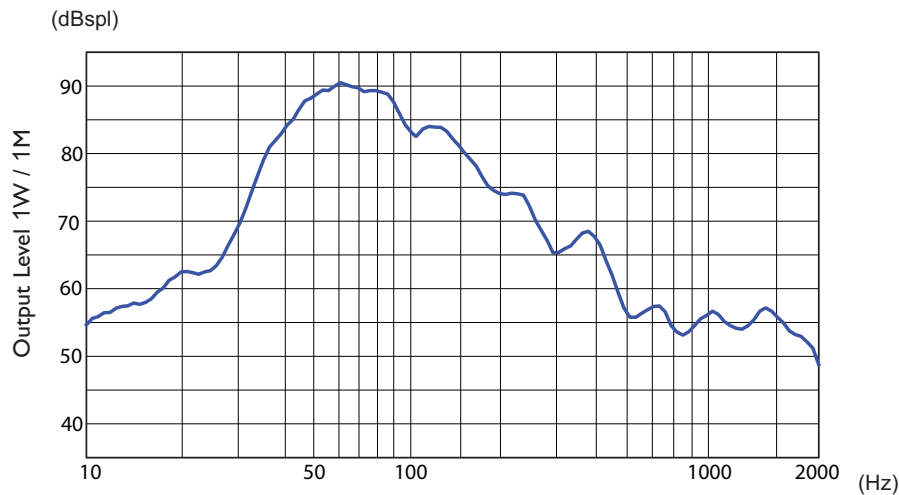
† Front panel, switch-selected

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## Frequency Response

Half-space,  
8 Ohms,  
1W @ 1m



## Architect and Engineer Specifications

The subwoofer shall be a Bogen Model CSUB or approved equivalent, consisting of one low frequency transducer in a band-pass alignment enclosure design.

The front baffle shall be injection-molded ABS material and the back can (enclosure) shall be heavy-gauge steel. All components shall be mounted inside the enclosure.

The baffle shall be supplied in off-white with a mild texture finish to promote paint adhesion, if desired. A perforated steel speaker grille shall be provided, color-matched to the baffle.

The driver shall utilize a compounded pulp diaphragm (cone). A compounded rubber cone surround shall be formulated to withstand environmental conditions with high or low heat, high or low humidity, and ultra-violet light

Integral swing-out clamps shall provide a secure installation in the ceiling surface without need for a separate tile bridge. The clamps shall be operated from either the front or the back of the speaker.

A safety cable attachment point shall be provided in the top of the enclosure for adding a 1/4-20 threaded forged eye bolt. An optional 10-foot long cable kit shall be available to serve as a backup safety cable (Model CK10). Use of the CK10 cable kit shall increase the depth of the speaker, and the minimum vertical clearance required, by 1-1/4".

The input connector shall be a 4-screw pluggable input connector, providing loop-through terminals for additional speakers.

Power input selection shall be via a front-mounted rotary switch, located under the removable grille. High impedance tap selections shall be 2, 4, 8, 16, 32, and 64 watts. A low impedance 8-ohm selection shall also be provided.

Dimensions of the speaker shall not exceed 15-1/2" diameter x 11" D. The speaker shall require a minimum vertical clearance of 11" (from front of mounting surface). Weight shall be 19 lb.

**BOGEN<sup>®</sup>**  
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