

Bogen Drop-In Ceiling Speaker (Model CSD2X2U-V2)

Description

The Bogen CSD2X2U-V2 is a full-range ceiling speaker offering increased options for IP network designers and system integrators of Bogen Nyquist and other systems. The CSD2X2U-V2 can be converted into an intercom appliance, or a source amplifier/speaker for a secondary chain of 25V/70V speakers.



Key Features & Benefits

- ✓ **Simple to install:** Unpack, attach the speaker wiring (8-ohm or 25V/70V input), and select the desired power tap setting (if 25V/70V operation).
- ✓ **Easy to convert into a Nyquist passive IP speaker or IP intercom speaker.** Increase designer and end user options for choice of intercom style and location with the addition of a Nyquist GA10P(V) and optional call switch.
- ✓ **Convert the speaker into a 25V/70V audio amplifier source and speaker combo unit.** Now audio designers have a combination unit that functions as both an IP speaker and 25V/70V amplifier, from which multiple 25V/70V speakers can be daisy-chained to increase audio coverage. (Requires optional Nyquist GA-series amplifier and an NQ-GAXMR1 distributed audio transformer.)

Specification Table

Frequency Response:	95 Hz to 20 kHz
SPL @ 1W/1m:	94 dB
Power Taps:	4, 2, 1, 0.5, 0.25 Watts
Dispersion @ 2 kHz (6 dB down):	100 Degrees
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:	14 lb.

70V and 25V Compatible
Listed to UL Standard 62368

Applications



Healthcare



Education



Corporate



Transportation

A & E Specifications

The speaker shall be a Bogen Model CSD2X2U-V2 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 a 70V/25V transformer with power taps of 4, 2, 1, 0.5, and 0.25 watts, selectable by rotary switch. Alternatively, the speaker shall allow the transformer to be bypassed to allow 8-ohm operation. Output shall be 94 dB @ 1 watt / 1 meter (min.). Frequency response shall be 95 Hz to 20 kHz (min.).

The speaker shall include a purpose-built mounting plate to accommodate one of the optional Nyquist GA series VoIP PoE integrated amplifiers, effectively making this into a voice over IP (VoIP) loudspeaker. Use of the (optional) NQ-GA10P(V) VoIP intercom module will also provide the speaker with half-duplex intercom capability. Additionally, by attaching the (optional) NQ-GAXMR1 impedance matching audio transformer to the mounting plate, the (optional) GA-series amplifiers can power additional CSD2X2U-V2 or other 70V/25V speakers. The speaker shall include 4 seismic attachment points. The speaker shall have a non-reflective, bright white metal finish grille. The speaker must be listed to UL Standard 1480 for U.S. use.

The speaker assembly shall 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.

LIMITED WARRANTY, EXCLUSION OF CERTAIN DAMAGES

Bogen CSD2X2U-V2 is warranted to be free from defects in materials and workmanship for five (5) years from the date of sale to the original purchaser. Any part of the product covered by this warranty that, with normal installation and use, becomes defective (as confirmed by Bogen upon inspection) during the warranty period will be repaired or replaced by Bogen, at Bogen's option, with new or refurbished product, provided the product is shipped insured and prepaid to: Bogen Factory Service Department: 4570 Shelby Air Drive, Suite 111, Memphis, TN 38118, USA. Repaired or replacement product(s) will be returned to you freight prepaid. This warranty does not extend to any of our products that have been subjected to abuse, misuse, improper storage, neglect, accident, improper installation or have been modified or repaired or altered in any manner whatsoever, or where the serial number or date code has been removed or defaced.

THE FOREGOING LIMITED WARRANTY IS BOGEN'S SOLE AND EXCLUSIVE WARRANTY AND THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY. BOGEN MAKES NO OTHER WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED AND EXCLUDED TO THE MAXIMUM EXTENT ALLOWABLE BY LAW. Bogen's liability arising out of the manufacture, sale or supplying of products or their use or disposition, whether based upon warranty, contract, tort or otherwise, shall be limited to the price of the product. **IN NO EVENT SHALL BOGEN BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF DATA OR LOSS OF USE DAMAGES) ARISING OUT OF THE MANUFACTURE, SALE OR SUPPLYING OF PRODUCTS, EVEN IF BOGEN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES.** Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

Products that are out of warranty will also be repaired by Bogen Factory Service Department -- same address as above or call 201-934-8500, at owner's expense. Returned products which do not qualify for warranty service, may be repaired or replaced at Bogen's option with a previously repaired or refurbished item. The parts and labor involved in these repairs are warranted for 90 days when repaired by the Bogen Factory Service Department. All parts and labor charges as well as shipping charges will be at the owner's expense.

All returns require a Return Authorization number. For most efficient warranty or repair service, please include a description of the failure.

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