

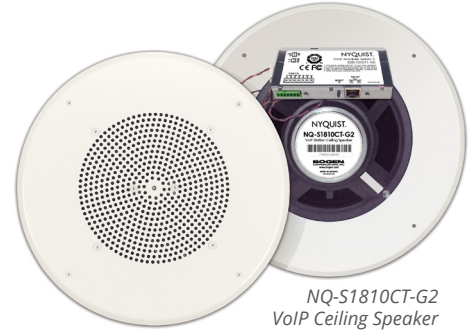


## BOGEN NYQUIST SERIES GEN-2 VoIP SPEAKERS

**Model NQ-S1810WT-G2 (Wall Baffle)**  
**Model NQ-S1810CT-G2 (Ceiling)**



NQ-S1810WT-G2  
VoIP Wall Baffle Speaker



NQ-S1810CT-G2  
VoIP Ceiling Speaker

### DESCRIPTION

The Bogen Nyquist Gen-2 Series NQ-S1810WT-G2 VoIP wall baffle speaker and NQ-S1810CT-G2 ceiling speaker provide superior HD audio quality and seamless integration into the E7000 ecosystem. There is no need for external amplifiers, traditional intercom wiring, or transformer taps to manually set or adjust. Connect the speakers via Cat5 to a PoE Switch or PoE Injector, and they are ready to operate. Volume is controlled via the E7000 GUI Dashboard. These Gen-2 VoIP speakers also offer a Form-C relay output for controlling/overriding third-party devices like AV sources.

As one would expect from Bogen, the HD audio quality is superb, with excellent incoming and outgoing intelligibility. Many two-way speakers use the speaker itself as the microphone, resulting in poor talkback audio quality. The Nyquist Series VoIP speakers use a separate high-performance MEMS microphone to achieve superior talkback audio.

### FEATURES

- 10/100 Ethernet connection
- PoE Class-3 – no local power required, IEEE 802.3af compliant
- DHCP deployment for easy installation
- Pre-assembled for easy installation
- 10W integrated amplifier
- Reset button for restoring factory settings
- Form-C SPDT type 2A @ 30V DC dry contact relay output
- DSP-based noise rejection and voice bandwidth optimization
- MEMS digital microphone for superior talkback audio
- CAN Bus 2.0 Interface connects to Nyquist Digital Call Switches (NQ-E7020)
- 9.2" W x 5.2" D x 10" H (Wall Baffle)
- 13" W x 3.25" dia. (Ceiling)

### AVAILABLE CEILING MOUNT ACCESSORIES

- RE84 Recessed Enclosure (back box)
- TB8 Tile Bridge
- MR8 Mounting Ring (for installations where RE84 is not used)

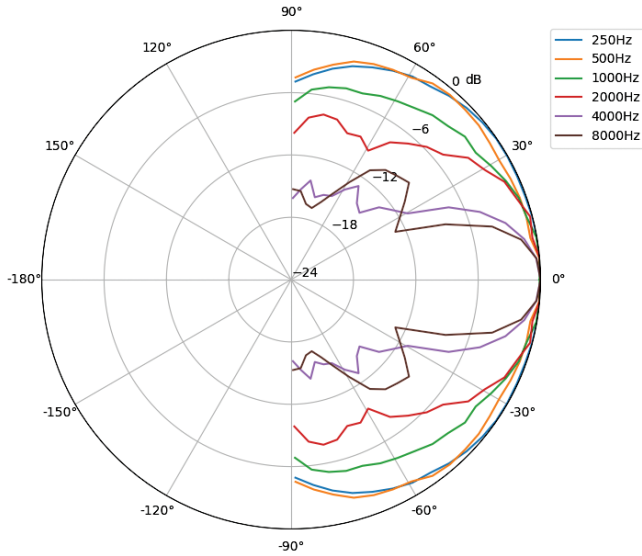
### A & E SPECIFICATIONS

The Nyquist VoIP speaker NQ-S1810CT-G2 (ceiling) or NQ-S1810WT-G2 (wall baffle) with talkback capability shall not require traditional intercom wiring or transformer taps to manually set or adjust volume. Connecting them via Cat5 to a PoE Switch or PoE Injector on the system's network allows them to be ready to be programmed into the system. Volume control of the 10W integrated amplifier shall be controlled via the device's Web UI. The VoIP speakers shall contain one SPDT type control relay output rated at 2A @ 30V DC with the following connections: C (Normally Closed); Common; NO (Normally Open); and G (Ground). The VoIP speakers use a wide-band Opus codec for audio distribution. Use of the Opus codec, along with G.722, allows for High Definition audio. Systems that don't use Opus codecs for audio distribution shall not be considered equal. Nyquist VoIP speakers shall be equipped with a digital MEMS microphone to achieve superior talkback audio when enabled. VoIP Speakers that utilize the speaker as the microphone shall not be considered equal. The VoIP speakers shall contain a Reset button for restoring the appliance back to its factory settings.

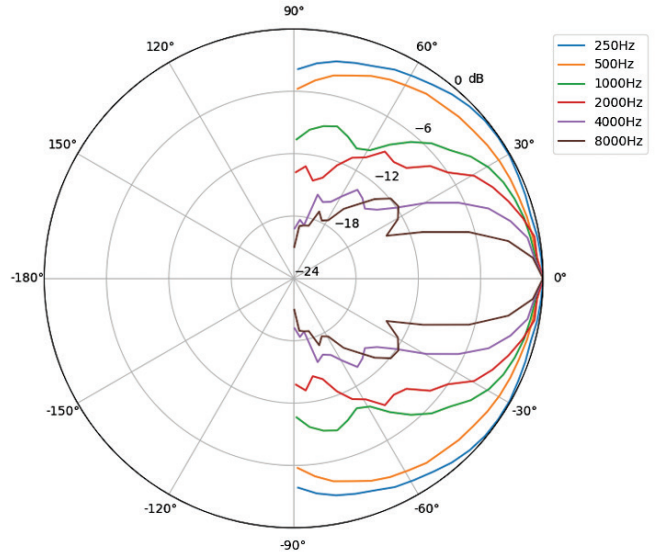


The **E7000 Series** is built upon Bogen's award-winning Nyquist software-based IP communications platform, which provides users with unparalleled flexibility and scalability, whatever their application.

**NQ-S1810CT-G2**  
POLAR PLOT



**NQ-S1810WT-G2**  
POLAR PLOT



**Limited Warranty, Exclusion of Certain Damages**

The **NQ-S1810WT-G2** and **NQ-S1810CT-G2** are 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 11, 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 items. 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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