NYQUIST STANDALONE IP PAGING

The latest Nyquist firmware release introduces new capabilities for a variety of Nyquist devices, including operation as SIP compliant endpoints for VoIP phone system paging applications, or simply as standalone network managed audio equipment.

These Nyquist devices incorporate the latest in IP technology with network-based volume and DSP controls, combined with SIP endpoint and priority-based Multicast streaming functionality. They can also integrate with any 3rd party VoIP telephone system or other SIP server-based solutions such as a unified communications (UC) platform. In a non-SIP environment, the devices are capable of receiving audio through one or more Multicast channels or via line-level inputs.

Simple, Seamless, Future-Proof

Bogen's Version 3.0.x firmware unlocks new Nyquist standalone appliance functionality for SIP endpoint and IP paging applications.

BOGEN

PUBLIC ADDRESS
MIXER AMPLIFIERS

2-,4- CHANNEL
AUDIO POWER
AMPLIFIERS

POE-BASED INTEGRATED
AMPLIFIER MODULES

STANDALONE OPERATION
ENABLED

MATRIX MIXER
PRE-AMP

VOIP INTERCOM
MODULES

VOIP SPEAKERS
WITH TALKBACK

2-CHANNEL
AOIP GATEWAY

VOIP ENTRY
DOOR PHONE

FEATURES

- Connect these SIP compliant devices to your VoIP phone system to easily add or expand your paging capabilities

- Use these Nyquist devices in standalone applications where network-based control of audio features like DSP and signal routing are desired

- Access a full range of DSP-based pro-audio amplifiers, equipped with up to 4-line inputs and 4 output channels (4-ohm, 8-ohm, 25V, 70V) at multiple power levels, for delivering great sound in any environment

- The PAMA (Public Address Mixer Amplifier) can be used standalone as a public address head-end for small-to-medium paging applications, or it can act as a network-based IP paging amplifier connected to a VoIP phone system or other SIP server

- VoIP Ceiling and Wall Baffle Speakers provide superior HD audio quality and seamless integration with 3rd party VoIP telephone systems or other SIP server-based solutions such as a unified communications (UC) platform

- Leverage the Nyquist MMPA (Matrix Mixer Pre-Amp) in your audio environment to mix signals from 4 line-level sources, or use its built-in Push-to-Talk microphone input as a primary or secondary paging point

- Nyquist Plenum-Rated VoIP Intercom Modules offer a convenient and cost-effective solution for transforming any low-impedance speaker into full-featured VoIP speaker with talkback capability

- The 2-channel AoIP Gateway functions as an audio input/output source for an IP network, or can allow two physically distant analog audio systems to communicate with each other across a WAN using a simple a "virtual wire" connection

- The EDP01 IP Entry Door Phone is a convenient remote, weather-resistant, hands-free, half-duplex intercom station with call button. It is perfect for applications such as outside doors and entryways, or inside as a check-in for secure spaces

- Simple browser-based setup for standalone operation, including SIP registration info and configuration of up to 24 prioritized Multicast streams (per device)

- Future-proof your investment with the capability to evolve your system to a full Nyquist IP-based solution (Nyquist C4000) for paging, two-way intercom, and scheduled shift tones

- The devices all support G.711, Wideband G.722, and OPUS (HD Audio) codecs, and are UL/CSA and CE certified, as applicable

> **"These Nyquist devices now provide seamless integration with your existing IP paging, VoIP phone system, or other installed sound applications."**
>
> ~Ken Venuti, Director, Sales Engineering

Standards based SIP 2.0 operation
Seamlessly integrate Bogen's Nyquist standalone SIP-based components with any 3rd party SIP based solution – including VoIP phone systems and SIP based paging systems.

Pro-audio DSP
Powerful, intuitive pro-audio DSP allows customization and optimization of your audio to deliver the best sound performance in any space.

Standalone networked AoIP devices or SIP endpoints
Easily expand or add new zones to existing IP-based paging systems.
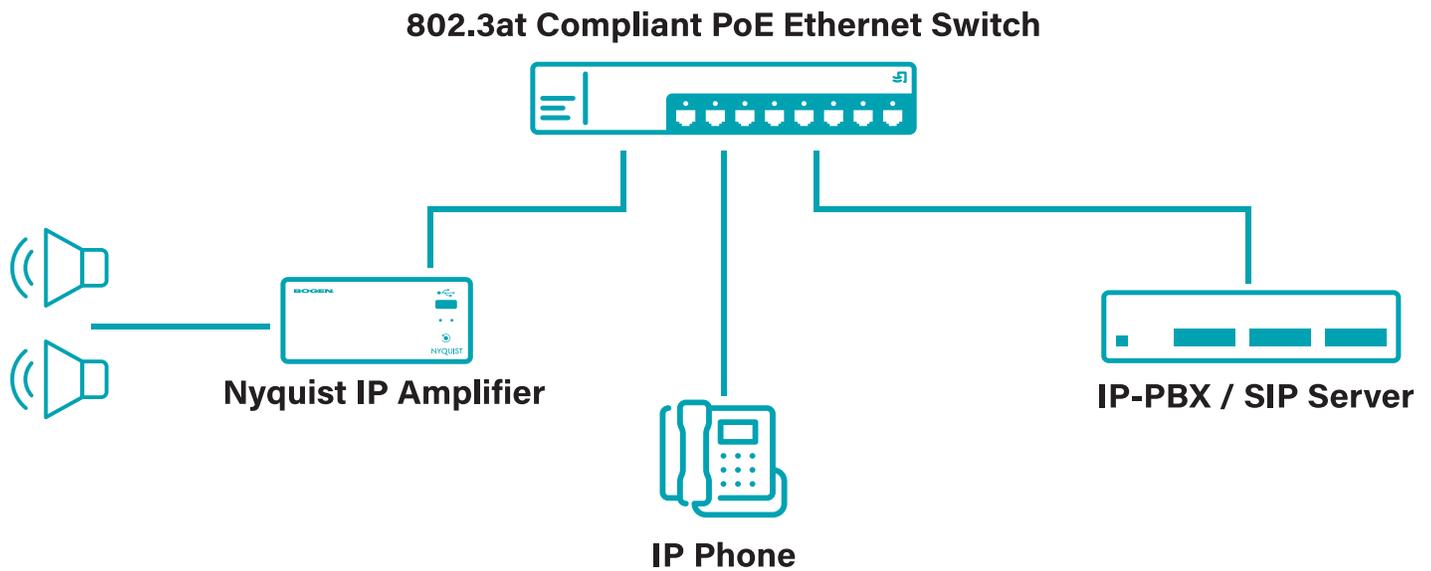
Access and control
Powerful interface allows customization and optimization of appliances for best sound performance using most any web browser.

Investment protection and upgrade path
Future-proof your investment via an easy upgrade path to a full Nyquist IP-based platform (e.g., C4000) for paging, intercom, music distribution applications, and Sound Masking.

802.3at Compliant PoE Ethernet Switch

Nyquist IP Amplifier

IP Phone

IP-PBX / SIP Server

When you partner with Bogen Communications, you partner with experience and innovation as a market leader for 90+ years. Connect with us to learn how we can make your paging system safer and more robust, whether you have a legacy system or are evaluating a new system.

For more information or technical specifications

Visit www.bogen.com/nyquist-standalone or contact your
Regional Sales Representative