JAMES TELECO, INC.

Phone: (361)277-5924
Fax: (361)277-8961
341 Edgar Leesville Rd.
Cuero, TX 77954

Quote

No.: **6377**
Date: 5/12/2025

Prepared for:

Westhoff ISD
P. O. Box 38
Westhoff, TX 77994 U.S.A.

Prepared by: Benjamin Gifford
Account No.: 1477
Phone: (830) 236-5519
Fax: (830) 236-5583
Job: New Bogen Nyquist and Intercom System

Quantity	Item ID	Description	UOM	Sell	Total
1.00	MISC EQPT	Nyquist System Controller	EA	$2,606.18	$2,606.18
1.00	MISC EQPT	Routines API	EA	$1,090.64	$1,090.64
2.00	MISC EQPT	Analog Station Bridge	EA	$3,741.80	$7,483.60
1.00	MISC EQPT	Ip Admin Phone	EA	$1,187.93	$1,187.93
1.00	MISC EQPT	Matrix Pre-Amp 4ch	EA	$1,158.58	$1,158.58
1.00	MISC EQPT	Power Adapter for I/O Controller	EA	$80.80	$80.80
1.00	MISC EQPT	I/O controller	EA	$733.31	$733.31
1.00	MISC EQPT	1U Rack Kit	EA	$99.06	$99.06
1.00	MISC EQPT	1U rack kit type 3	EA	$102.42	$102.42
1.00	MISC EQPT	PBX Integration	EA	$616.80	$616.80
1.00	MISC EQPT	Nyquist System License	EA	$12,076.11	$12,076.11
2.00	MISC EQPT	Station License (pack of 25)	EA	$1,383.73	$2,767.46
1.00	MISC EQPT	Concurrent Call License	EA	$2,317.34	$2,317.34
1.00	MISC EQPT	3yr System License Subscription	EA	$4,403.14	$4,403.14
2.00	MISC EQPT	3yr Station License Update	EA	$506.90	$1,013.80
1.00	MISC EQPT	3yr Concurrent Call License Update	EA	$838.71	$838.71
16	BOG-CA15C	Bogen Call Switch MC2000	EA	$40.00	$640.00
8	BOG-CSD1X2U-V2	Bright White 1X2 Speaker Drop-In	EA	$160.00	$1,280.00
1,000	CABLE-SPEAKER22GA	4 cond., 22 g., Plenum Speaker Wire, Shielded	EA	$0.50	$500.00
500	CABLE-SPEAKER18GA	Spk. Ca. 18 ga. 2 conductor Plenum	EA	$0.30	$150.00
1.00	CABLEDROP-CAT6PLENUM	Cat 6 Plenum Cable Drop	EA	$190.00	$190.00
1	DATA-SWITCH8-POE	8 Port Gigabit PoE Switch	EA	$300.00	$300.00
1	DATA-WALL CABINET 12U	12U Wall Mount Cabinet, 21"	EA	$1,440.00	$1,440.00
1.00	MISC EQPT	Misc. hardware	EA	$750.00	$750.00
120.00	LABOR	Hourly Labor	EA	$75.00	$9,000.00
10.00	LABOR TRAVEL	Hourly Labor Travel	HR	$75.00	$750.00

Your Price: **$53,575.88**

Prices are firm until 6/11/2025   Terms: Net 10

Prepared by: Benjamin Gifford, benjamin@jamesteleco.com   **Date:** 5/12/2025

Accepted by: _____   **Date:**_____

Disclaimer

All quotation information is valid for 30 days from date received. All equipment installations will be invoiced upon completion of work.
Payment is due upon receipt.
We value your business and look forward to serving you.

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Prepared by: Benjamin Gifford
Account No.: 1477
Phone: (830) 236-5519
Fax: (830) 236-5583
Job: Intercom Speaker Additions

Quantity	Item ID	Description	UOM	Sell	Total
8	BOG-CSD1X2U-V2	Bright White 1X2 Speaker Drop-In	EA	$160.00	$1,280.00
500	CABLE-SPEAKER18GA	Spk. Ca. 18 ga. 2 conductor Plenum	EA	$0.30	$150.00
16.00	LABOR	Hourly Labor	EA	$75.00	$1,200.00

Your Price: $2,630.00

Total: $2,630.00

Prices are firm until 6/11/2025   Terms: Net 10

Prepared by: Benjamin Gifford, benjamin@jamesteleco.com   **Date:** 5/12/2025

Accepted by: _____   **Date:**_____

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MARKETS   PRODUCTS   SUPPORT   ABOUT US   PARTNERS

NYQUIST E7000 IP-BASED PAGING SYSTEM

Bogen's E7000 is a suite of powerful, yet easy-to-use tools that allows educators to quickly and effectively manage campus and district-wide communications.

E7000 SERIES

E7000 Series IP-Based Communications System for safer, better-managed schools

The E7000 Series is a software-based state-of-the-art IP-based paging and intercom solution that leverages the latest digital, mobile and software technologies to address today's educational environments, security challenges and mobile lifestyles.
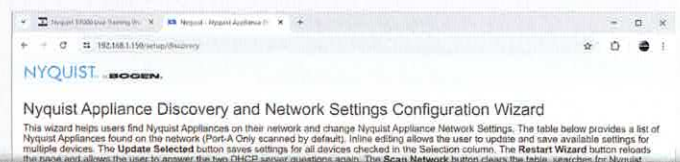
The Nyquist E7000 ver. 9.0 Software Release represents a significant enrichment of Bogen's award-winning solution, adding new features and enhancements to an already robust platform with improved capabilities in communication, safety, and security.

05:38

E7000 SOLUTION OVERVIEW BROCHURE

Introducing Release 9.0

- **New setup wizard and system configuration interface, graphical zone setup, and other ease-of-use features**

NYQUIST. BOGEN.

Nyquist Appliance Discovery and Network Settings Configuration Wizard

This wizard helps users find Nyquist Appliances on their network and change Nyquist Appliance Network Settings. The table below provides a list of Nyquist Appliances found on the network (Port-A Only scanned by default). Inline editing allows the user to update and save available settings for multiple devices. The **Update Selected** button saves settings for all devices checked in the Selection column. The **Restart Wizard** button reloads the page and allows the user to answer the two DHCP server questions again. The **Scan Network** button clears the table, searches for Nyquist

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- Debian 11 System OS Upgrade: Automated User Logout for
- [illegible] Wall Baffle
- Expanded NQ-EDP01 functionality as a paging endpoint
- National Weather Service event codes can trigger dedicated, specific Routines
- Remote Facility Status (via Routines)
- ASB Device Level Supervision; Station Supervision now only sends out one email 'collective' notification per ASB when an ASB goes offline
- New NWS Routine Trigger Filters by Event Type & Severity
- IP Addresses added to the 'Check Internet Site Access' Report
- Password Protection added for playing Audio Distribution
- Automated User Logout for Enhanced Security

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What's the sound of your school?

Play music at your education facility with Bogen. Choose your ideal sound from more than 500 curated stations or import your playlists from your favorite music services, including Spotify, Apple Music, Amazon Music, and more.

- Mix stations
- Schedule stations
- Program custom messages
- Control content across locations

Find out more by visiting: Play Music at Your Business with Bogen | SoundMachine or download the SoundMachine flyer, HERE.

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INTRODUCING THE NYQUIST E7000MCR

PREASSEMBLED RACK-MOUNTED PAGING AND INTERCOM SYSTEM

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New ES Dealer Exclusive!

The preconfigured version of our award-winning Nyquist communications platform, designed to enhance K-12 School Campus Communications.

The full-featured **Nyquist E7000MCR** is a preassembled Nyquist E7000 system that offers ES Dealers a simplified installation and configuration process. Able to leverage existing facility wiring, 25-Volt speakers and call switches, this feature-rich, pre-rack-mounted solution provides a quick and easy migration path for legacy paging and intercom systems, while delivering the same powerful feature set found in the core E7000 system. E7000MCR is also easy to configure utilizing the browser-based setup wizard on the laptop PC included with the system. The Nyquist E7000MCR is designed to operate as a primarily self-contained system, as it does not impose upon the customer's network or IT department.

CLICK HERE FOR MORE MCR INFORMATION

E7000 Highlights

- Easy to install, expand and use
- Nyquist System Controller (NQ-SYSCTRL) pre-loaded with the OS and E7000 application software
- Wizard-based System Setup and Configuration via the NQ-SYSCTRL
- Accessible – administrators, technicians, and other key users can access the system 24/7 on web-enabled devices – desktop or mobile – anywhere in the connected world*
- Scalable – easily add features, stations, and facilities with virtually unlimited scalability
- Compatible with legacy intercom infrastructure, including re-use of existing analog speakers, call switches and cabling (with use of the Analog Station Bridge appliance)
- SIP device and SIP trunk support (IP-PBX, VoIP phones, and VoIP speakers)
- Available integrations with PBXs, security systems, access control systems, time systems, and third-party PA systems
- Emergency Classroom Check-In allows staff to report their check-in status for their assigned classrooms or areas during an emergency using any intercom call switch or Nyquist VoIP phone
- NQ-GA10PV-based combo Clock / Messaging Display allows different priority messages to be displayed on monitors connected to NQ-GA10PVs in a selected zone, multiple zones, or to specific individual GA10PV stations

- Easy, intuitive song and playlist management (local and streaming sources)
- Integrated airable Internet Radio program source supports unlimited streams with easy navigation of the extensive catalog by Genre, Language, Location, Quality, Popularity and Title/Artist search
- Integrated SoundMachine subscription-based premium streaming music service provides access to professionally curated stations that can be mixed to create the perfect audio atmosphere for any environment
- Separate zone volume controls for paging versus audio distribution
- Creating and managing multiple bell/event schedules is simple and intuitive
- Ability to schedule recurring announcements
- Scheduled Audio distribution from any source including Internet Radio, SoundMachine, playlists, or Nyquist appliances with line-inputs
- Nyquist 2-Ch. and 4-Ch. Networked Audio Amplifier support available with six different power modules (NQ-A2060/2120/2300, and NQ-A4060/4120/4300)
- Pro-Audio Digital Signal Processing (DSP) embedded in all Nyquist Networked Amplifiers and the NQ-P0100 Matrix Mixer Pre-Amp
- Ambient Noise Sensing monitors ambient noise and automatically adjusts page announcement

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- Station and appliance supervision with email and dashboard alerts
- Call monitoring and recording capability
- Feature-rich audio management and distribution
- Networked audio distribution supporting multiple simultaneous streams to different zones

Interface, or via manual dialing
- Pink noise and white noise to assist with setting-up paging zone volume

*When supported by the facility's infrastructure. With iOS devices, the dashboard is not available but all other features are accessible and operational via the menu.

**Text-to-speech requires an additional license

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E7000's software can expand as the user's needs expand. The system can accommodate an infinite number of stations and facilities.
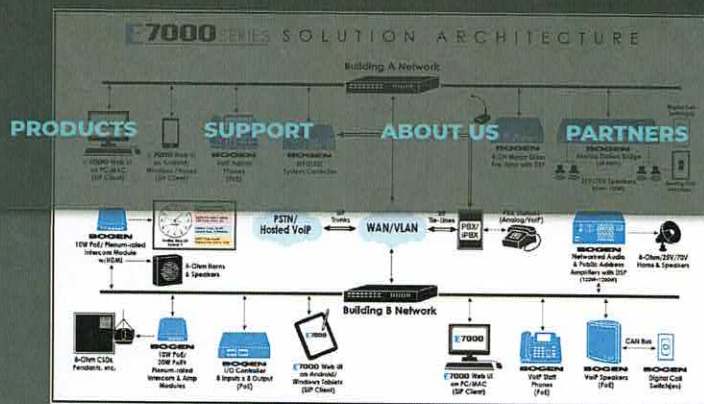
Easy and Economical to Install

E7000 integrates with the facility's existing cabling. The Analog Station Bridge appliance leverages existing analog speakers and call switches. Many E7000 endpoint appliances are PoE devices. With E7000 there are no bulky racks to build, simply install the E7000 server software then plug in the endpoint devices and appliances. All E7000 appliances are auto discovered by the server to facilitate fast and easy system set up.

Easy Graphical User Interface (GUI)

Administrators, educators, and support staff are going to love E7000! Users interface with the system either through E7000 VoIP Admin or Staff phones, or via a browser-based GUI (Fig.1) on PCs, smart phones and tablets, allowing users to access the system any time of day no matter where they are in the connected world.

The core principle of E7000's user interface is simplicity. Its functions and design are shaped by the needs of the user to reduce distractions and improve operator response time and accuracy. Form follows function, resulting in an interface that is functional, intuitive, and aesthetically pleasing.

The system's GUI allows people with a broad spectrum of technical proficiencies and experience levels to use the system. Large and clear buttons, along with simple and clear text makes E7000 easy to use even on touch screen and mobile devices. Embedded tooltips and guides aid in user self-sufficiency. Technical administrators can assign individual users permissions appropriate to their role and proficiency.

E7000 Capabilities

- **Mobile Accessibility** – Instantaneous accessibility to campus and district-wide communications is vital for the safety and security of students and staff. E7000 allows administrators to access the system 24/7 from anywhere in the connected world, even with mobile devices. E7000 can help with features such as call monitoring, call recording and playback, emergency paging with pre-programmed announcements and much more.
- **Security device integration** – E7000 interfaces with select third-party security devices such as locks, alarm systems, and sensors via the programmable I/O Controller appliance.
- **State-of-the-art Paging and Intercom** – Paging and intercom functions are brought to new levels of sophistication and control, including text-to-speech capability and a map-based user interface with hierarchical drill-down views. Users no longer need to look up or

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remember a facility's or station's number in order to communicate with any area or station on the campus.

- **Station & Appliance Supervision** – The system automatically alerts administrators via email and dashboard pop-up notice if stations and/or appliances go off-line
- **Unmatched Audio Capability** – Bogen's 85-year legacy of audio excellence is evident in the range and quality of audio features.
- **Unlimited Scheduling** – Administrators can take full control of scheduling functions, including importing holiday schedules, via E7000's powerful web-based user interface.
- **Convenient and Powerful Configuration and Maintenance** – IT and facilities technicians can remotely access the E7000's GUI wherever they are to program, diagnose and control the system.
- **Telephony – Integrated and Elevated** – E7000 easily integrates with virtually any VoIP or analog phone system to create a seamless communication platform.

E7000 Documentation List
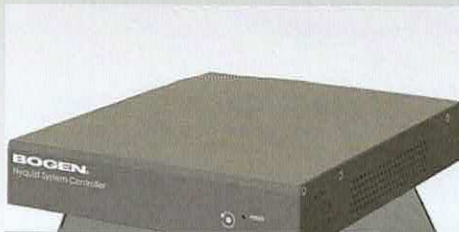
E7000 Overview Spec Sheet

DOWNLOAD

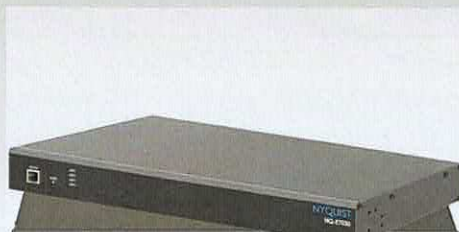### E7000 V9 System Features List

DOWNLOAD

E7000 ver. 9.0 Highlights

DOWNLOAD

The Value of SUS

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Nyquist System Controller NQ-SYSCTRL

VIEW PRODUCT>

Nyquist Analog Station Bridge NQ-E7030

VIEW PRODUCT>

Nyquist 4-Channel Matrix Mixer Pre-Amp NQ-P0100

VIEW PRODUCT>

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Nyquist Input/Output Controller NQ-E7010

VIEW PRODUCT>

Nyquist 1-Channel Public Address Mixer Amplifiers NQ-PA120/NQ-PA240/NQ-PA600

VIEW PRODUCT>

Nyquist Color Touch Display VoIP Admin Phone NQ-T1100

VIEW PRODUCT>

Nyquist Plenum-Rated VoIP Intercom Modules NQ-GA10P/NQ-GA10PV

VIEW PRODUCT>

Nyquist Plenum-Rated 20W Integrated Amplifier NQ-GA20P2

VIEW PRODUCT>

Nyquist Digital Call Switch NQ-E7020-G2

VIEW PRODUCT>

NYQUIST Accessories

VIEW PRODUCT>

Gen-2 Nyquist 2-Channel Audio Power Amplifiers NQ-A2060/A2120/A2300-G2

VIEW PRODUCT>

Gen-2 Nyquist 4-Channel Audio Power Amplifiers NQ-A4060/A4120/A4300-G2

VIEW PRODUCT>

Nyquist E7000MCR Paging and Intercom System

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Nyquist Bogen Staff Phone-LCD Display NQ-T2000

VIEW PRODUCT>

Nyquist Distributed Audio Transformer NQ-GAXMR1

VIEW PRODUCT>

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Nyquist Zone Paging Microphone Station NQ-ZPMS

VIEW PRODUCT>

VoIP Wall Baffle Speaker NQ-S1810WT-G3

VIEW PRODUCT>

Nyquist IP Entry Door Phone NQ-EDP01

VIEW PRODUCT>

Nyquist 2-Channel AoIP Gateway NQ-GA400P

VIEW PRODUCT>

Nyquist 40W PoE++ Plenum-rated Integrated Amplifier Module NQ-GA40P3

VIEW PRODUCT>

Power over Ethernet Ultra Injector PI5660W

VIEW PRODUCT>

VoIP Ceiling Speaker NQ-S1810CT-T1

VIEW PRODUCT>

Nyquist VoIP Wall Baffle Combo Speaker w/ Integrated LED Text Display & LED Flasher NQ-S1810WBC

VIEW PRODUCT>

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Better sound, smarter systems, safer spaces, exceptional service.

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