

# Bogen Nyquist Digital Remote Volume Control Call Switch

(Model NQ-VCTRL)



## Description

The NQ-VCTRL is a sleek, single-gang wall-mount digital volume controller designed for effortless audio management within any Nyquist system. Its intuitive nine-LED clock-style display provides clear visual feedback of volume levels, while the multifunction push-button knob allows users to quickly adjust audio, mute sound, place a call, or trigger an emergency notification.

A full-spectrum LED status ring enhances usability with vivid visual cues that confirm actions and indicate system states, such as call initiation, termination, or queue updates. With its clear feedback and versatile functionality, the NQ-VCTRL delivers simple, reliable, and responsive control in any environment.

## Key Benefits

- ✓ **Intuitive Audio Control:** Easily adjust Audio, Paging and Intercom volume with a simple wall-mount, single-gang digital controller.
- ✓ **Clear Visual Feedback:** Nine-LED clock-face display provides quick, precise volume-level visibility at a glance.
- ✓ **Multifunction Push-Button Knob:** Instantly place a call with a single press.
- ✓ **Dynamic LED Status Ring:** Full-spectrum color LEDs confirms actions, acknowledges button presses, and communicates system status through color and pattern changes.
- ✓ **Enhanced Call-Queue Awareness:** LED indicators clearly show when a call request is placed, cleared, or addressed within the Nyquist system.

## Features

- CAN Bus 2.0 Interface
- Push-Button Knob
- Full-spectrum LEDs indicate status and provide user feedback
- Single gang box, low voltage installation
- Weight 0.2 lbs./0.091kg

## Compatible Nyquist Appliances

- NQ-GA10P
- NQ-GA10PV
- NQ-S1810CT-T1
- NQ-S1810WBC
- NQ-S1810WT-G3

## Technical Specifications

**DC Input Voltage Range:**

+5VDC

**CAN Bus Connector :**

One (1) 4-pin 3.5mm Phoenix-type Screw Connector

**CAN Bus Interface:**

5VDC: CH (CAN Hi); CL (CAN Low); G (Ground): Bus Speed 125 kbits/sec  
\*Use Cat5 or equivalent cabling; Reference the NQ-VCTRL Digital Volume-Control Call Switch Application Manual for wiring options and cable run length limits.  
Maximum of 4 NQ-VCTRL per daisy chain configuration.

**Indicators:**

Nine (9) individual Full-Spectrum RGB LEDs (front)

**Operating Temperature Range:**

-15 C to +40 C

**Product Weight:**

0.2 lbs. / 0.091 kg

**Physical Dimensions:**

1.54"W x 4.2"H x 1.15"D

## Applications



Healthcare



Education



Commercial



Transportation



Industrial



Government

## A & E Specifications

The NQ-VCTRL Digital Remote Volume Control Call Switch has been designed for use with Nyquist appliances equipped with a CAN Bus 2.0 Interface. The CAN Bus 2.0 interface provides power and signal and can be used to connect multiple NQ-VCTRL switches in a daisy-chain fashion (limit 4 NQ-VCTRLs in one chain). The NQ-VCTRL fits into a single-gang/low-voltage installation using a standard 'decora-plate' cover (supplied). The behavior of this Digital Volume-Control Call Switch is software-definable and includes a full-spectrum nine-LED clock-face display that provides quick, precise volume-level visibility at a glance. The NQ-VCTRL is a rotary push-button designed to easily adjust page and intercom level and push to place a call. Systems that require separate volumes and call buttons shall not be acceptable.

### LIMITED WARRANTY, EXCLUSION OF CERTAIN DAMAGES

**NQ-VCTRL** 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 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.

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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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