

CNX-B8

8-Button Designer Keypad

The CNX-B Designer series wall mount keypads are available in configurations of 2, 4, 6, 8, or 12 buttons. Buttons are large in size for optimal ergonomics. Custom engraving of the buttons is available, including backlit engraving (black model only) for ultimate visibility in a darkened room. Each button includes an LED feedback indicator, with additional capability for audible feedback using custom WAV sound files. An onboard temperature sensor is also included for general monitoring of room temperature.

Each CNX-B keypad mounts in a standard electrical gang box and includes a matching 1-gang faceplate. Optional 2 and 3-gang faceplates are available to allow up to three keypads to be installed side-by-side. Optional Designer and Architectural faceplates are offered in a variety of elegant finishes.

- > *Elegant design with large buttons*
- > *Fits standard electrical gang boxes | Gangable up to 3 side-by-side*
- > *Available in 2, 4, 6, 8, and 12 button configurations*
- > *Replaceable, custom-engravable button caps*
- > *Programmable feedback LEDs | Backlit button option*
- > *WAV file audio feedback | Built-in temperature sensor*
- > *Available in black, white, and almond*
- > *Designer and Architectural finishes available*
- > *Easy Cresnet wiring*

SPECIFICATIONS

Connectors

NET: (1) 4-pin 3.5mm detachable terminal block; Cresnet slave port, connects to Cresnet control network

Buttons

Keypad: (8) replaceable engravable buttons, programmable; Selectable, white LED dimmable backlight

LED Indicators

Feedback: (1 per button) red LED, programmable and dimmable

Audio

WAV File Capacity: 101 WAV files maximum, ~56 seconds total time, 512 KB total memory

WAV File Format: 8-bit PCM, mono, 8 kHz sampling rate
Built-in speaker

Temperature Sensor

Type: Linear, digital

Precision: 0.18°F (0.1°C)

Accuracy: 1.8°F (1.0°C) with all LEDs and backlight off

Range: 32° to 113°F (0° to 45°C)



Power Requirements

Cresnet Power Usage: 3 Watts (0.125 Amps @ 24 Volts DC)

Environmental

Temperature: 32° to 113°F (0° to 45°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

1-gang mountable in a standard electrical box

Dimensions

(including faceplate)

Height: 4.77 in (12.10 cm)

Width: 2.92 in (7.40 cm)

Depth: 1.54 in (3.91 cm)

Weight

2.60 oz (74 g)

AVAILABLE MODELS

CNX-B8A: 8-Button Designer Keypad, Almond

CNX-B8B: 8-Button Designer Keypad, Black

CNX-B8W: 8-Button Designer Keypad, White

AVAILABLE ACCESSORIES

B8-BTNA: (1) Engravable button cap, almond

B8-BTNB: (1) Engravable button cap, black

B8-BTNW: (1) Engravable button cap, white

B-G1-FP: 1-Gang Designer Series Faceplates

B-G2-FP: 2-Gang Designer Series Faceplates

B-G3-FP: 3-Gang Designer Series Faceplates

B-G1-FPAR: 1-Gang Architectural Series Faceplates

B-G1-WPK: 1-Gang Water Resistant Covers

CRESNET: Cresnet® Control Cable

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