

CNX-B12

12-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-engractable 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: (12) 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-B12A: 12-Button Designer Keypad, Almond

CNX-B12B: 12-Button Designer Keypad, Black

CNX-B12W: 12-Button Designer Keypad, White

Included Accessories

B12-BTNA Engravable Button Cap for CNX-B12, Almond

[Included Quantity for CNX-B12A: 12]

B12-BTNB Engravable Button Cap for CNX-B12, Black

[Included Quantity for CNX-B12B: 12]

B12-BTNW Engravable Button Cap for CNX-B12, White

[Included Quantity for CNX-B12W: 12]

Available Accessories

B-G1-FP-BLK/CHRM: 1-Gang Metallic Cover for CNX-B Faceplate, Black Chrome

CNX-B12 12-Button Designer Keypad

B-G1-FP-BR/GLD: 1-Gang Metallic Cover for CNX-B Faceplate, Brushed Gold
B-G1-FP-P/BLK: 1-Gang Metallic Cover for CNX-B Faceplate, Polished Black
B-G1-FP-P/BRASS: 1-Gang Metallic Cover for CNX-B Faceplate, Polished Brass
B-G1-FP-P/GLD: 1-Gang Metallic Cover for CNX-B Faceplate, Polished Gold
B-G1-FP-PRIMED: 1-Gang Metallic Cover for CNX-B Faceplate, Primed
B-G1-FP-S/STEEL: 1-Gang Metallic Cover for CNX-B Faceplate, Stainless Steel
B-G1-FPAR-A: 1-Gang Architectural Series Faceplate, Almond
B-G1-FPAR-A/BLK: 1-Gang Architectural Series Faceplate, Anodized Black
B-G1-FPAR-S/STEEL: 1-Gang Architectural Series Faceplate, Stainless Steel
B-G1-FPAR-UF: 1-Gang Architectural Series Faceplate, Unfinished
B-G1-FPAR-W: 1-Gang Architectural Series Faceplate, White
B-G1-WPK: Water Resistant Covers, 4 Pack
B-G2-FP-BLK/CHRM: 2-Gang Metallic Cover for B-G2-FPA, B-G2-FPB, or B-G2-FPW; Black Chrome
B-G2-FP-BR/GLD: 2-Gang Metallic Cover for B-G2-FPA, B-G2-FPB, or B-G2-FPW; Brushed Gold
B-G2-FP-P/BLK: 2-Gang Metallic Cover for B-G2-FPA, B-G2-FPB, or B-G2-FPW; Polished Black
B-G2-FP-P/BRASS: 2-Gang Metallic Cover for B-G2-FPA, B-G2-FPB, or B-G2-FPW; Polished Brass
B-G2-FP-P/GLD: 2-Gang Metallic Cover for B-G2-FPA, B-G2-FPB, or B-G2-FPW; Polished Gold
B-G2-FP-PRIMED: 2-Gang Metallic Cover for B-G2-FPA, B-G2-FPB, or B-G2-FPW; Primed
B-G2-FP-S/STEEL: 2-Gang Metallic Cover for B-G2-FPA, B-G2-FPB, or B-G2-FPW; Stainless Steel
B-G2-FPA: 2-Gang Standard Faceplate, Almond
B-G2-FPB: 2-Gang Standard Faceplate, Black
B-G2-FPW: 2-Gang Standard Faceplate, White
B-G3-FP-BLK/CHRM: 3-Gang Metallic Cover for B-G3-FPA, B-G3-FPB, or B-G3-FPW; Black Chrome
B-G3-FP-BR/GLD: 3-Gang Metallic Cover for B-G3-FPA, B-G3-FPB, or B-G3-FPW; Brushed Gold
B-G3-FP-P/BLK: 3-Gang Metallic Cover for B-G3-FPA, B-G3-FPB, or B-G3-FPW; Polished Black
B-G3-FP-P/BRASS: 3-Gang Metallic Cover for B-G3-FPA, B-G3-FPB, or B-G3-FPW; Polished Brass
B-G3-FP-P/GLD: 3-Gang Metallic Cover for B-G3-FPA, B-G3-FPB, or B-G3-FPW; Polished Gold
B-G3-FP-PRIMED: 3-Gang Metallic Cover for B-G3-FPA, B-G3-FPB, or B-G3-FPW; Primed
B-G3-FP-S/STEEL: 3-Gang Metallic Cover for B-G3-FPA, B-G3-FPB, or B-G3-FPW; Stainless Steel
B-G3-FPA: 3-Gang Standard Faceplate, Almond
B-G3-FPB: 3-Gang Standard Faceplate, Black
B-G3-FPW: 3-Gang Standard Faceplate, White
B12-BTNA: Engravable Button Cap for CNX-B12, Almond
B12-BTNB: Engravable Button Cap for CNX-B12, Black
B12-BTNW: Engravable Button Cap for CNX-B12, White
B2-BTN-BKLT: Backlit Engravable Button Cap for CNX-B12B, Black
[Only for: CNX-B12B]
CRESNET-HP-NP-TL-SP1000: Cresnet® "High-Power" Control Cable, non-plenum, teal, 1000 ft spool
CRESNET-HP-NP-TL-SP500: Cresnet® "High-Power" Control Cable, non-plenum, teal, 500 ft spool
CRESNET-NP-BK-B500: Cresnet® Control Cable, non-plenum, black, 500 ft box
CRESNET-NP-OR-B500: Cresnet® Control Cable, non-plenum, orange, 500 ft box
CRESNET-NP-TL-B250: Cresnet® Control Cable, non-plenum, teal, 250 ft box
CRESNET-NP-TL-B500: Cresnet® Control Cable, non-plenum, teal, 500 ft box

CRESNET-NP-TL-SP1000: Cresnet® Control Cable, non-plenum, teal, 1000 ft spool
CRESNET-NP-TL-SP500: Cresnet® Control Cable, non-plenum, teal, 500 ft spool
CRESNET-NP-YL-B500: Cresnet® Control Cable, non-plenum, yellow, 500 ft box
CRESNET-P-BK-SP500: Cresnet® Control Cable, plenum, black, 500 ft spool
CRESNET-P-OR-SP500: Cresnet® Control Cable, plenum, orange, 500 ft spool
CRESNET-P-TL-SP1000: Cresnet® Control Cable, plenum, teal, 1000 ft spool
CRESNET-P-TL-SP500: Cresnet® Control Cable, plenum, teal, 500 ft spool
CRESNET-P-YL-SP500: Cresnet® Control Cable, plenum, yellow, 500 ft spool

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