

Designer Function Keypad

- > A wall mount designer keypad with 12 large buttons
- > Includes 30 pre-labeled button caps for basic AV system control
- > Enables selection of six AV sources
- > Enables control of power, volume, mute, and incremental channel or track selection
- > Optional numeric keypad for direct entry of channel or track, sold separately
- > Red LED feedback indicators
- > Customizable audio feedback
- > Built-in temperature sensor
- > Standard electrical box installation
- > Available in five designer finishes with optional metallic faceplate covers
- > Architectural Series solid metal faceplates also available
- > Cresnet® wired communications

The Designer Series CNX-BF12 Function Keypad provides a simple solution for controlling a Crestron® Multiroom AV distribution system. It is identical to the [CNX-B12](#) 12-Button Designer Keypad except that it includes a set of 30 assorted button caps pre-labeled for AV source selection and basic control functions.

For enhanced control using direct numeric entry for channel and track selection, add the [CNX-BN12](#) Numeric Keypad.

Please note, the almond textured (-A-T) and white textured (-W-T) finishes currently offered are not the same as on older almond (A) and white (W) models. When ordering, please be sure to specify the model number exactly as shown in the price list or on the “[Models & Accessories](#)” tab. If you require buttons or keypads to match the older almond or white finishes, please contact your Crestron representative.

SPECIFICATIONS

Buttons

Keypad Buttons: (12) programmable pushbuttons

Button Caps: Includes 30 pre-labeled button caps: ADAGIO, AM, AUX, CD, DSS, DSS 2, DVD, FM, FM 2, IPOD, IPOD 2, JUKE, JUKE 2, MUSIC, MUTE, ON-OFF, SAT, SAT 2, SERVER, SIRIUS, SIRIUS 2, TUNER, TV, VCR, VOL ▲, VOL ▼, XM, XM 2, ◀, and ▶

Indicators

Feedback: (1 per button) red LED, programmable, software-adjustable intensity

Audio

Features: Built-in speaker for audio feedback

Audio Feedback Format: WAV, 8 bit PCM, mono, 8 kHz sampling rate

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



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)

Connectors

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

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)

Construction

Chassis: Plastic

Mounting: Mounts in a 1-gang electrical box or mud ring, gangable up to 3 adjacent using optional faceplates (sold separately), 1.5 inch (38 mm) minimum mounting depth required

Faceplates: Includes a 1-gang plastic faceplate color-matched to the buttons; 2 and 3-gang plastic faceplates available separately; optional metallic faceplate covers available to fit 1, 2, and 3-gang plastic faceplates; 1-gang “Architectural” faceplates also available

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Dimensions

Height: 4.77 in (121 mm) with faceplate

Width: 2.92 in (74 mm) with faceplate

Depth: 1.54 in (39 mm)

Weight

2.6 oz (74 g)

MODELS & ACCESSORIES

Available Models

CNX-BF12-A-T: Designer Function Keypad, Almond Textured

CNX-BF12B: Designer Function Keypad, Black Textured

CNX-BF12-DSK-T: Designer Function Keypad, Dusk Textured

CNX-BF12-LAT-T: Designer Function Keypad, Latte Textured

CNX-BF12-W-T: Designer Function Keypad, White Textured

Available Accessories

B12-BTN: Engravable Button Cap for CNX-B12, [Specify Color]

B-G1-WPK: 1-Gang Water Resistant Covers for CNX-B Designer Keypads, 4-Pack

B-G1-FP: 1-Gang Metallic Faceplate Covers for CNX-B Designer Keypads [specify color/finish]

B-G2-FP: 2-Gang Faceplates and Metallic Faceplate Covers for CNX-B Designer Keypads [specify color/finish]

B-G3-FP: 3-Gang Faceplate and Metallic Faceplate Covers for CNX-B Designer Keypads [specify color/finish]

B-G1-FPAR: 1-Gang Architectural Faceplates for CNX-B Designer Keypads [specify color/finish]

CRESNET-NP: Cresnet® Control Cable, non-plenum

CRESNET-P: Cresnet® Control Cable, plenum

CCR-L-1: Crestron® Color Ring

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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Additional Button Caps

