

HTT-B10X

infiNET™ TableTop Controller

The HTT-B10X provides a simple, convenient wireless controller for lighting, home automation, and entertainment in the home or office. Two-way infiNET wireless operation supports true-feedback, allowing lighting and security settings to be checked and changed with confidence from any room. A clean array of 10 backlit pushbuttons with individual feedback LED's affords easy, tactile control of any custom function. The HTT-B10X is a fully-programmable controller designed to operate as part of a complete Crestron automation system, communicating via the infiNET wireless control network.

Multifunction Pushbuttons

Ten simple pushbuttons provide just the right amount of control without clutter or complication - perfect for most applications. For situations requiring a little more, each button can be configured to enable up to 3 separate functions simply by tapping, double-tapping, or holding the button. "Shift key" functionality is even possible, allowing any button to be held while pressing another.

Auto-dimming Backlight

High-quality backlit laser-engraving provides customizable button text that's easy to read under any lighting condition. A built-in light sensor controls the backlight intensity automatically to achieve a crisp, legible appearance in both darkened and fully lit rooms.

True-Feedback

Elegant white LED lightpipes beside each button provide reliable status feedback for everything from lighting presets to motorized windows and door locks. Ten different blink patterns are built in, enabling all kinds of blinking LED feedback while simplifying programming and minimizing traffic on the infiNET network. Additional bargraph capability uses the same LED's to display actual level settings in the form of two vertical 5-segment bargraphs. True-feedback for every status and level setting is achieved via infiNET's fully-bidirectional wireless protocol. The overall LED intensity is auto-dimmable, adjusting automatically for optimal visibility under varying lighting conditions.

Battery or AC Powered

The HTT-B10X can be powered by its external power pack or (2) AA batteries, permitting use as a stationary controller on a desk or table, or as a portable wireless remote. Its auto-sleep function affords battery operation for up to 8 months on a single set of alkaline batteries. Simply moving or pressing a button on the HTT-B10X instantly wakes it from sleep mode. Connecting the power pack overrides the sleep/wake function completely for "always-on" operation.

infiNET™

Crestron's groundbreaking infiNET wireless technology affords reliable 2-way communications throughout a home or office structure without the need for physical control wiring. Numerous infiNET controllers, dimmers, thermostats, and other devices can be linked to a central control system via a single RF gateway. Employing a 2.4 GHz mesh network topology, each infiNET device functions as an RF repeater*, increasing effective range and reinforcing the complete network by providing multiple redundant signal paths within the mesh network.

Easy Installation

Setting up a complete network of infiNET devices including the HTT-B10X is simple. The **C2N-MNETGW** gateway (sold separately) utilizes dynamic discovery (self-install) to locate and acquire each infiNET device automatically. Setting the RF ID of each device employs the same convention as Crestron's familiar TSID method, and each device is



programmable using Crestron **SIMPL™Windows®SystemBuilder™** or **D3Pro™**

software just like any wired Cresnet device. Even firmware updates are performed over the wireless network.

No further action is required to configure the infiNET network. Each device assigned to a common gateway automatically behaves as a repeater* for any other devices within range (approximately 150 feet indoors), and additional repeaters may be added if necessary. At all times, the infiNET gateway monitors each device on the network, ignoring any other 2.4 GHz signals, and reconfiguring the entire network automatically in response to new sources of interference and other changes in RF conditions.

Color and Engraving Options

The HTT-B10X is available in either black or white, with an attractive brushed aluminum inlay. Custom backlit engraving is available for each individual column of 5 buttons.

* *The HTT-B10X itself does not function as a repeater.*

> *Stylish wireless pushbutton controller*

> *10 engravable backlit buttons*

> *Configurable for up to 3 functions per button*

> *White LED lightpipe feedback indicators*

> *True-feedback and dual-bargraph capability*

> *infiNET 2-way RF wireless communications*

> *Powered by batteries or external power pack*

> *Wakes instantly when touched or picked up*

> *Auto-dimmable backlight and LED intensity*

> *Available in black or white*

HTT-B10X infiNET™ TableTop Controller

SPECIFICATIONS

Buttons

Keypad Buttons: (10) pushbuttons

Button Events: Programmable for Normal, Tap, Double-Tap, and Hold

Engraving: Custom backlit engraved button caps available separately

Backlight

White LED light pipe backlight for button engraving;

Software-adjustable intensity, auto-dimmable

LED Indicators

Feedback: (10) White LED light pipes, one per button;

Programmable, auto-dimmable, adjustable intensity, 10 blinking patterns

Bargraph: (2) 5-step bargraphs utilizing the 10 feedback indicators

Light Sensor

Photosensor for control of auto-dimming function

Movement Sensor

Vibration sensor wakes unit from sleep mode if operating on battery

Low Battery Warning

Beep sound indicates low battery condition

Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), IEEE 802.15.4 compliant

Range (typical): 150 feet indoor, 250 feet outdoor;

Subject to site-specific conditions; range is increased by adding additional devices or C2N-MNETRPT repeater

Gateway: Requires a C2N-MNETGW RF gateway

Connectors

Power: (1) 2.5mm barrel DC power jack;

12 Volt DC power input (PW-1205 power supply included)

Power Requirements

Battery: (2) AA alkaline batteries required, estimated 8 months usage under normal operation

12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC

Power Supply (PW-1205 included): 120 Volts AC, 60 Hz

Environmental

Temperature: 32° to 104°F (0° to 40°C)

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

Heat Dissipation: 3.4 BTU/Hour

Enclosure

Injection-molded plastic, painted, textured, brushed aluminum inlay

Dimensions

Height: 1.46 in (3.71 cm)

Width: 3.60 in (9.14 cm)

Depth: 4.69 in (11.91 cm)

Weight

5.0 oz (143 g) without batteries

AVAILABLE MODELS

HTT-B10X-B-T: infiNET TableTop Controller, Black Textured

HTT-B10X-W-T: infiNET TableTop Controller, White Textured

INTERNATIONAL VERSION (230 VAC)

HTTI-B10X-B-T: infiNET TableTop Controller, Black Textured

HTTI-B10X-W-T: infiNET TableTop Controller, White Textured

All the features and specifications of the HTT-B10X-B-T and HTT-B10X-W-T except:

Power Requirements

Battery: (2) AA alkaline batteries required, estimated 8 months usage under normal operation

12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC

Power Supply (PW-1205RU included): 120-230 Volts AC @ 50/60Hz

INCLUDED ACCESSORIES

PW-1205: 12 Volt Power Pack (HTT-B10X models only)

PW-1205RU: 12 Volt Power Pack (HTTI-B10X models only)

AVAILABLE ACCESSORIES

C2N-MNETGW: infiNET Gateway

C2N-MNETRPT: infiNET Repeater

B10-BTN[B,W]-T: Strip of 5 engravable button caps, backlit (black or white, textured)

* *The HTT-B10X itself does not function as a repeater.*

Available Models

HTT-B10X-B-T: infiNET TableTop Controller, Black

HTT-B10X-W-T: infiNET TableTop Controller, White

HTTI-B10X-B-T: infiNET TableTop Controller - International Version, 230V, Black

HTTI-B10X-W-T: infiNET TableTop Controller - International Version, 230V, White

Included Accessories

B10-BTNB-T Set of 5 Backlit Engravable Button Caps, Black

[Included Quantity for HTT-B10X-B-T, HTTI-B10X-B-T: 2]

B10-BTNW-T Set of 5 Backlit Engravable Button Caps, White

[Included Quantity for HTT-B10X-W-T, HTTI-B10X-W-T: 2]

PW-1205 Power Pack, Wall, 12VDC, 0.5A, 120VAC

[Included Quantity for HTT-B10X-B-T, HTT-B10X-W-T: 1]

PW-1205RU Power Pack, Wall, 12VDC, 0.5A, Regulated, Universal US/International

[Included Quantity for HTTI-B10X-B-T, HTTI-B10X-W-T: 1]

Available Accessories

B10-BTNB-T: Set of 5 Backlit Engravable Button Caps, Black

B10-BTNW-T: Set of 5 Backlit Engravable Button Caps, White

C2N-MNETGW: infiNET Gateway

C2N-MNETRPT: infiNET Repeater

[Only for: HTT-B10X-B-T, HTT-B10X-W-T]

C2NI-MNETRPT: infiNET Repeater - International Version, 230V

[Only for: HTTI-B10X-B-T, HTTI-B10X-W-T]

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