

HR-150-B

Handheld Remote, 50 Button



- Customizable handheld wireless remote
- Rugged, easy-grip ergonomic design
- Fingerprint-resistant silk finish
- Fully-programmable functionality
- 50 backlit, soft-feel tactile buttons
- Buttons for AV and DVR control, and OSM navigation
- Multitap alphanumeric keypad
- Up to 8 user-assignable buttons for source and room selection, lighting and shade control, and other special functions
- Prelabeled button cap assortment included for typical user-assignable functions
- Custom engraving of user-assignable buttons available separately
- Ultra-reliable infiNET EX® wireless technology
- 75 ft (23 m) initial RF wireless range
- Powered by 4 AAA alkaline batteries (included)

The Crestron® [HR-150-B](#) is a customizable wireless controller designed for use in home theaters, bedrooms, hotel rooms, boardrooms, and many other applications. Ruggedized for durability and easy-grip housing, the HR-150-B offers comfort and ergonomics for hours of one-handed use. Backlit, soft-feel buttons provide positive tactile response and clear visibility under all lighting conditions. The HR-150-B provides 50 individual buttons, eight of which are user-assignable for source and room selection, lighting and shade control, and other special functions. High-powered infiNET EX® wireless performance assures dependable RF connectivity throughout any-sized home or commercial facility.¹

Backlit Tactile Buttons

Backlit tactile buttons provide access to everything needed to watch TV, listen to music, or navigate on-screen menus. Each button is labeled for easy operation. Button backlighting affords excellent legibility in darkened rooms. Each button on the HR-150-B is fully programmable to deliver precise and predictable behavior, whether simply adjusting audio volume and changing channels, controlling a DVR or DVD player, navigating onscreen setup menus, or operating a pan/tilt camera.²

User-Assignable Buttons

The HR-150-B provides an area at the top of the remote for adding user-assignable buttons. 100 prelabeled button caps are included with the remote, allowing any of the eight button positions to be designated for AV source selection, room selection, lighting control, shade and drapery control, and other functions. Custom-engraved button caps are also available separately ([HR-BTN-B_ENGRAVED](#)). Five different cover plates are included to enable various button configurations (0, 2, 4, 6, or 8 buttons).

NOTE: Only the 8 button positions at the top of the remote are user-assignable using prelabeled and/or engravable button caps. The labeling of the other 42 fixed buttons cannot be changed.

infiNET EX Wireless Technology

Ultra-reliable infiNET EX® wireless technology provides steadfast 2-way RF communications throughout a residential or commercial structure. The HR-150-B communicates with a Crestron control system via an infiNET EX wireless gateway, and can function as part of a complete network of wireless keypads, lighting dimmers, motorized shades, thermostats, door locks, sensors, and other devices. The wireless range for the HR-150-B is 75 ft (23 m) indoors, which can be extended using one or more infiNET EX expanders ([CLW-EXPEX-GD-W-T](#), sold separately).¹

Long Battery Life

Under typical usage, the HR-150-B can operate for over a year on a set of four AAA alkaline batteries (included). The HR-150-B can be configured to report its battery level and send a low-battery warning to a mobile phone or a computer, a Crestron touch screen, or a central help desk, allowing the batteries to be replaced before they fail.

Security Monitoring

The HR-150-B regularly reports to a connected control system, allowing an alert message to be sent if the remote goes offline.

Third-Party Mounting Solution

The HR-150-B is compatible with [Wall-Smart® retrofit flush mount products](#) via a partnership with Crestron.

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Specifications

Buttons

User-Assignable Buttons	May be populated with 0, 2, 4, 6, or 8 buttons, configurable using HR-BTN-B-ENGRAVED backlit engravable button caps (sold separately) or any of the following 100 prelabeled button caps (included): ADVANCE, AIRPLAY, AM, AMAZON, AM-FM, APPLE TV, APPS, ATRIUM, BASEMENT, BATHROOM, BEATS, BEDROOM, BLU-RAY, CABLE, CABLE 1, CABLE 2, CAMERAS, CANCEL, CC, CD, CHROMECAST, CLIMATE, COMPUTER, DECK, DEN, DINING RM, DIRECTV, DISH, DRAPES, DRAPES CLOSE, DRAPES OPEN, DVD, DVR 2, ENTER, FAMILY RM, FAV, FM, GAME ROOM, GUEST ROOM, GYM, HERS, HIS, HULU, INPUT, INTERNET, IPOD, KIDS, KIDS ROOM, KITCHEN, LIBRARY, LIGHTS, LIGHTS OFF, LIGHTS ON, LIVE, LIVE TV, LIVING RM, LOFT, LOWER, MASTER BATH, MASTER BED, MEDIA, MUSIC, NETFLIX, OFFICE, PAGE DOWN, PAGE UP, PANDORA, PATIO, PLAYROOM, PLAYSTATION, POOL, POP UP MENU, PORCH, PREV, RAISE, REPLAY, RETURN, ROKU, SATELLITE, SATELLITE 1, SATELLITE 2, SHADES, SHADES DOWN, SHADES UP, SIRIUSXM, SKY, SLACKER, SPOTIFY, STREAMING, THEATER, TIVO, TOP MENU, TV, VUDU, WHOLE HOUSE, WII, XBOX, swirl icon, thumbs up, thumbs down
Power	(1) Programmable push button with power icon
Backlight	(1) Push button with lights on icon, turns on the button backlighting for 10 seconds
Functions	(7) Programmable push buttons labeled for MENU, GUIDE, INFO, MUTE, EXIT, LAST, and DVR
VOL, CH	(2) Programmable rocker buttons with icons for volume up/down and channel up/down
Navigation Pad	(1) Programmable 5-way thumbpad with up, down, left, and right arrow buttons, and center SELECT button
Transport	(8) Programmable push buttons with icons for rewind, play, forward, previous, pause, next, stop, and record
Keypad	(12) Programmable push buttons labeled for alphanumeric entry, CLEAR, and ENTER

Multifunction Buttons	(4) Programmable push buttons color-coded red, green, yellow, and blue for context-dependent functions
Illumination	White LED backlighting behind all buttons

Wireless Communication

RF Transceiver	infiNET EX® 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), IEEE 802.15.4 compliant
Range (typical)	75 ft (23 m) to the gateway or nearest expander, subject to site-specific conditions
Gateway	Requires an infiNET EX wireless gateway ¹

Wired Communications

USB	USB client for console only
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Connectors

USB	(1) Micro-B USB console port behind battery compartment cover, for installer use only
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Batteries

Four (4) disposable 1.5V AAA alkaline batteries (included)
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Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 90% RH (noncondensing)

Construction

Ruggedized plastic, silk finish, soft-feel rubberized buttons

Dimensions

Height	1.04 in. (27 mm)
Width	2.14 in. (55 mm)
Depth	7.71 in. (196 mm)

Weight

5.0 oz (141 g) without batteries

Compliance

CE, IC, FCC Part 15 Class B digital device
To search for product certificates, refer to support.crestron.com/app/certificates .

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Model

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Available Accessories

For a list of available accessories, visit the [HR-150-B](#) product page.

Notes:

1. The HR-150-B requires an infiNET EX gateway ([CEN-GWEXER](#) or [MC4](#), sold separately). Crestron infiNET EX wireless technology employs a mesh network topology so each EX device on the network acts as a routing node, which propagates the signals it receives on to other EX devices within range. This effectively extends the total range of the network and provides multiple redundant signal paths for extra reliability. A maximum of six hops across routing nodes is allowed, although a maximum of three is recommended. Only AC-powered EX devices operate as routing nodes. The HR-150-B and other battery-powered EX devices only operate as leaf nodes, and thus do not propagate signals or extend range. If needed, up to five dedicated infiNET EX expanders ([CLW-EXPEX-GD-W-T](#), sold separately) may be deployed as supplemental routing nodes to fill any gaps in coverage. Up to 100 infiNET EX devices are permitted per gateway, although best practices suggest a limit of 50. Refer to [Installation and Setup of Crestron RF Products, Best Practices](#) for additional guidelines.
2. The HR-150-B includes 49 buttons that are programmable, and one non-programmable button for turning on the backlight.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

The original language version of this document is U.S. English.
All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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infiNET EX 

Specifications are subject to change without notice.

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