HR-100

Handheld Remote, 34 Button

> Customizable handheld wireless remote

> Rugged, easy-grip ergonomic design

> Fully programmable functionality

> 34 backlit, soft-feel tactile buttons[2]

> Up to 4 user-assignable buttons

> Ultra-reliable infiNET EX® wireless technology

> 75 feet (23 meters) initial RF wireless range[1,3]

> Powered by 4 AAA alkaline batteries

The Crestron® HR-100 Handheld Remote is a customizable wireless controller designed for use in home theaters, bedrooms, hotel rooms, boardrooms, and many other applications. Ruggedized for durability and wrapped in a satiny smooth, easy-grip housing, the HR-100 offers exceptional comfort and ergonomics for hours of one-handed use. Backlit, soft-feel buttons provide positive tactile response and clear visibility under all lighting conditions. A total of 34 individual buttons is provided, four 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]

For applications requiring an alphanumeric keypad and four additional user-assignable buttons, please refer to model HR-150.

Backlit Tactile Buttons

A full complement of buttons provides immediate access to the essential controls needed for watching TV, listening to music, or navigating an on-screen menu. Each button is clearly labeled using familiar text and icons for intuitive operation. Button backlighting affords excellent legibility in darkened rooms. Every button on the HR-100 is fully programmable to deliver precise and predictable behavior, whether simply adjusting audio volume and flipping through channels, controlling a DVR or DVD player, navigating onscreen setup menus, or operating a pan/tilt camera.[2]

User-Assignable Buttons

At the top of the HR-100 is a user-assignable area that can be populated with up to four buttons. An assortment of 100 pre-labeled button caps is included with the remote, allowing any of these four button positions to be designated for AV source selection, room selection, lighting control, shade and drapery control, and other functions. Three different cover plates are also included to enable configurations of four, two, or no user-assigned buttons.

infiNET EX® Wireless Technology

Ultra-reliable infiNET EX wireless technology provides steadfast 2-way RF communications throughout a residential or commercial structure. A complete infiNET EX network can consist of a single wireless gateway with one or more HR-100 remotes, along with other wireless devices such as lighting dimmers, thermostats, door locks, motorized shades, and keypads. Many of the devices on the network act as "expanders," relaying wireless commands between the central gateway and all the other devices on the network to ensure that every command reaches its intended destination without disruption. Every device that is added to the network effectively increases the range and stability of the entire network.[1,3]

Of course, the HR-100 can communicate directly with the gateway if no other infiNET EX devices are installed. The wireless range for the HR-100 is 75 feet (23 meters) typical indoors, which can be extended easily using one or more infiNET EX Expanders. Up to 100 HR-100s can be assigned to a single gateway.[1]

Long Battery Life

Under typical usage, the HR-100 can operate for over a year on a set of four AAA alkaline batteries (included). To ensure you and your guests are never faced with dead batteries, the HR-100 can be configured to report its battery level and send a low-battery warning to your mobile phone or computer, a Crestron touch screen, or a central help desk, allowing the batteries to be replaced before they ever have a chance to fail.

Security Monitoring

For hospitality, corporate, and educational facilities, a misplaced or damaged remote is never a good thing. Even a hijacked set of batteries can hold up a presentation, impact productivity, and cause your clients and guests unnecessary grief. The HR-100 regularly reports to the central control system, allowing an alert message to be sent if the remote goes off line due to removal from the premises or removal of its batteries.

CRESTRON®

Navigation Pad: (1) programmable 5-way thumbpad with up, down, left, and right arrow buttons, and center SELECT button

Transport: (8) programmable pushbuttons with icons for rewind, play, forward, previous, pause, next, stop, and record

Multi-Function Buttons: (4) programmable pushbuttons 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 feet (23 meters) to the gateway or nearest expander[3], subject to site-specific conditions

Gateway: Requires an infiNET EX wireless gateway[1]

Wired Communications

USB: USB client for console only

Connectors

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

Batteries

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

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)

Construction

Ruggedized plastic, "soft-feel" non-slip surface, rubberized buttons

Dimensions

Height: 1.02 in (26 mm)
Width: 2.14 in (55 mm)
Depth: 6.28 in (160 mm)

Weight

4.0 oz (113 g) without batteries

SPECIFICATIONS

Buttons

User-Assignable Buttons: May be populated with 0, 2, or 4 buttons, configurable using any of the following 100 pre-labeled button caps: 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 pushbutton with "power" icon

Backlight: (1) pushbutton with "lights on" icon, turns on the button backlighting for 10 seconds

Functions: (7) programmable pushbuttons 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

MODELS & ACCESSORIES

Available Models

HR-100-B: Handheld Remote, 34 Button, Black

Available Accessories

CEN-RFGW-EX: infiNET EX® Wireless Gateway
MC3: 3-Series Control System® w/infiNET EX®
DIN-AP3MEX: DIN Rail 3-Series® Automation Processor w/infiNET EX®
CLW-EXPEX: infiNET EX® Wireless Expander
GLA-EXPEX: Crestron Green Light® Wireless Expander for infiNET EX® Networks

Notes:

1. Requires an infiNET EX gateway, model CEN-RFGW-EX, MC3, or DIN-AP3MEX. A single gateway supports up to 100 infiNET EX network devices inclusive of up to 100 HR-100 remotes. Additionally, up to 5 infiNET EX expanders (model CLW-EXPEX or GLA-EXPEX) may be added to the network for extended range. All gateways, expanders, and other infiNET EX devices are sold separately.
2. The HR-100 includes 33 buttons that are programmable, and one non-programmable button for turning on the backlight.
3. Crestron infiNET EX is a wireless mesh network, meaning each device on the network behaves as an expander, passing the signals it receives on to any other devices within range. This effectively extends the total range of the network, and reinforces it by providing multiple redundant signal paths. However, battery powered infiNET EX devices do not function as expanders.

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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