MLX-3

Color LCD Handheld Remote

- > *Customizable handheld wireless remote*
- > *Rugged, easy-grip ergonomic design*
- > *Fingerprint-resistant silk finish*
- > *Fully programmable functionality[3]*
- > *Backlit, soft-feel tactile buttons*
- > *2" active matrix color LCD display*
- > *Intuitive menu-driven user interface*
- > *Easy scroll wheel navigation*
- > *True-feedback and dynamic text capability*
- > *Full-color icons and status indicators*
- > *Text search capability via multi-tap alphanumeric keypad*
- > *Ultra-reliable infiNET EX® wireless technology*
- > *75 feet (23 meters) initial RF wireless range[1,2]*
- > *Instant-Waking® behavior*
- > *Works like an IR remote — with all the benefits of 2-way RF!*
- > *Powered by 4 AA lithium or alkaline batteries*



The Crestron® MLX-3 Color LCD Handheld Remote delivers an exceptional remote control for home theater, whole-house control, and multimedia presentation, marrying style and ergonomics with rock-solid wireless performance and an intuitive color LCD user interface. Cost-effective and ruggedly constructed, the MLX-3 features a full complement of backlit tactile buttons, easy scroll-wheel menu navigation, and proven infiNET EX® wireless technology.

Whether watching TV, choosing a movie or music title, adjusting room temperature and lighting, or checking the security system, the MLX-3 affords a user experience only Crestron can deliver. Two-way wireless communications enables seamless interaction with AV and environmental systems, with true feedback of all your settings, and the display of metadata for all your digital media.

NOTE: The MLX-3-SF model includes all the functionality and performance of the original MLX-3, with a new, silky-smooth finish that feels great to hold, resists fingerprints, and matches the look of other Crestron handheld remotes.

Color LCD Display

The MLX-3 provides intuitive control for your entire custom home or boardroom through a brilliant user interface that's simple to use and just as simple to configure. Featuring customizable scrolling menus and full-color icons, the MLX-3 makes it easy to select your room, pick a music or video source, choose a radio station, TV channel, or media title, and even access lighting and other home automation controls — all without having to flip through endless confusing pages of static buttons.

Navigating the MLX-3 UI is simplified using the side-mounted scroll wheel and "MenuBack" button, and the three menu selection buttons beneath the screen. Quickly access the media source menu or lighting controls menu by pressing the MEDIA or LIGHTS button, or press the Crestron "swirl" button to access the home and room selection pages. From the home page, you can jump to additional control pages and info screens such as climate control, security, and weather. For multiroom systems, the room selection page lets you choose the room you're in, or any other room, to quickly take control of its lighting, audio, video, and other functions. Whatever page you're on, simply roll the scroll wheel up or down to move through the menu, and then press the wheel in to select the desired lighting preset, music or movie title, TV or radio channel, or any other menu item. Pressing the "MenuBack" button reverts to the previous page.

On each page, the MLX-3 provides true-feedback so you always know the status of the item you're controlling, even if you're situated in a different room. Audio volume and lighting levels are clearly indicated using bar graphs. Room temperature and security system status can be viewed and controlled without leaving your favorite seat. Metadata is also displayed to provide complete information about the current playing song, movie, TV program, or radio station. Even weather conditions are available through the Crestron Weather application.

Backlit Tactile Buttons

A full complement of buttons provides immediate access to everything you need to watch TV or listen to music. A press of any button returns a natural, positive tactile response for effortless use. Each button is clearly labeled using familiar text and icons for intuitive operation. Adjustable button backlighting affords excellent legibility in darkened rooms. Every button on the MLX-3 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.

MLX-3 Color LCD Handheld Remote



infiNET EX® Wireless Technology

Ultra-reliable infiNET EX wireless technology provides steadfast 2-way RF communications throughout a residence or commercial structure. A complete infiNET EX network can consist of a single wireless gateway with up to six MLX-3 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.[1,2]

Of course, the MLX-3 can communicate directly with the gateway if no other infiNET EX devices are installed. The wireless range for the MLX-3 is 75 feet (23 meters) typical indoors, which can be extended easily using one or more infiNET EX Expanders. Up to six MLX-3s can be assigned to a single gateway.[1]

Instant-Waking®

To ensure the most transparent user experience possible, the MLX-3 has been engineered to wake instantly at the press of a button. Button presses are sent immediately, just like an IR remote but with none of IR's limitations. So spontaneous actions like muting the audio, pausing the video, or changing the channel can be executed on-the-fly with just a single button press.

Extended Battery Life

Instant-waking also allows the MLX-3 to be put to sleep within seconds, helping to maximize its battery life for several months of typical usage on a single set of batteries. The backlight intensity can also be adjusted or disabled to extend battery life even longer. The MLX-3 runs on four disposable AA lithium or alkaline batteries.

Simplified Programming

Configuring the MLX-3 is enabled through a dialog-based program editor, making it easy to designate each menu, control page, and channel preset using full color icons from the library provided. Uploading the configuration to the MLX-3 is facilitated through a USB connection or right over the wireless network.[3]

SPECIFICATIONS

Display

Display Type: TFT active matrix color LCD
Size: 2 inch (52 mm) diagonal
Resolution: 176 x 220 pixels
Brightness: 280 nits (cd/m^2) typical
Contrast: 350:1 typical
Color Depth: 16-bit, 64k colors
Viewing Angle: ±70° horizontal, +70/-53° vertical
Illumination: LED Backlit

Buttons

Power (top): (1) programmable pushbutton with "power" icon
MEDIA, LIGHTS, "Swirl" logo: (3) programmable pushbuttons for accessing "MEDIA", "LIGHTS", "HOME", "ROOM", and other optional menus, control pages, and info screens
Scroll Wheel (right side): (1) programmable scroll wheel with center press, for navigating display menus and selecting functions
MenuBack Button (right side): (1) programmable button, for reverting to previous menu page
Functions: (9) programmable pushbuttons labeled for GUIDE, MENU, LIST, MUTE, INFO, LAST, REC, EXIT, and FAV
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

MLX-3 Color LCD Handheld Remote

Multi-Function Buttons: (4) programmable pushbuttons color-coded red, green, yellow, and blue for context-dependent functions
Transport: (8) programmable pushbuttons with icons for previous, next, rewind, play, forward, repeat, pause, and stop
Keypad: (12) programmable pushbuttons labeled for alphanumeric entry, */., and #/-
Illumination: White LED backlighting behind all front panel buttons

Graphics Engine

Built-in customizable control pages, scrolling menus, and dynamic objects; 16-bit color depth

Wireless Communications

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 [2], subject to site-specific conditions
Gateway: Requires an infiNET EX wireless gateway [1]

Wired Communications

USB: USB client for console only

Connectors

USB (bottom): (1) Mini Type AB female behind battery cover; USB computer console port, for installer use only

Batteries

Four (4) disposable 1.5V AA batteries;
Lithium recommended, alkaline included

Environmental

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

Construction

Ruggedized plastic, silk finish (MLX-3-SF model), soft-feel rubberized buttons

Dimensions

Height: 1.11 in (28 mm)
Width: 2.13 in (54 mm)
Depth: 8.46 in (215 mm)

Weight

5.49 oz (156 g);
~8.96 oz (~254 g) w/batteries

MODELS & ACCESSORIES

Available Models

MLX-3-SF: Color LCD Handheld Remote, Silk Finish

Available Accessories

CEN-GWEXER: infiNET EX® & ER Wireless Gateway
MC3: 3-Series Control System® w/infiNET EX® & ER Wireless Gateway
DIN-AP3MEX: DIN Rail 3-Series® Automation Processor w/infiNET EX® & ER Wireless Gateway
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-GWEXER, CEN-RFGW-EX, MC3, or DIN-AP3MEX. A single gateway supports up to 100 infiNET EX network devices inclusive of up to 6 MLX-3 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. 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.
3. Configuration and programming must be provided by an authorized Crestron programmer.

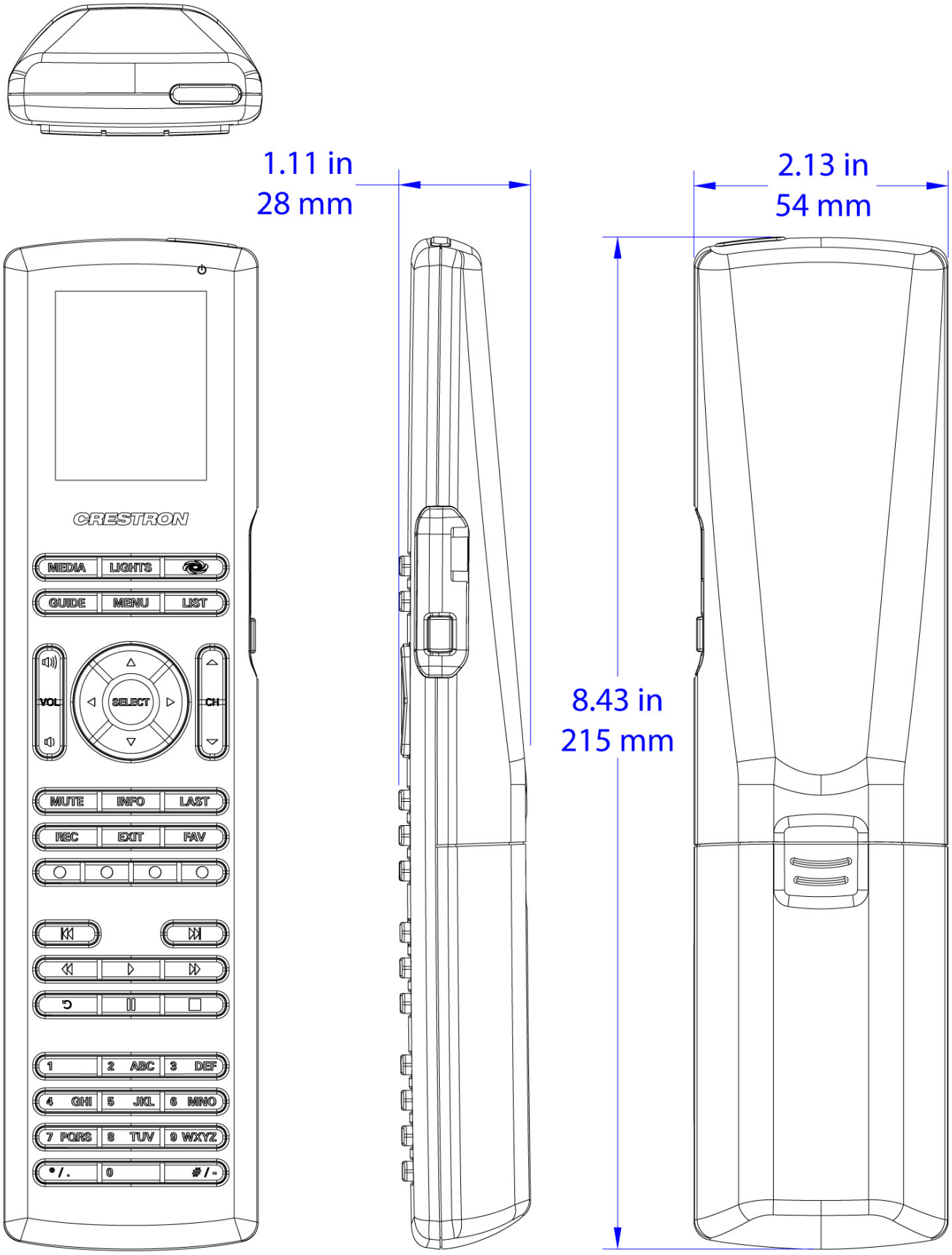
This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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

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

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