

## Color LCD Handheld Wireless Remote w/infiNET EX®

- > Rugged and ergonomic handheld design
- > Elegant gloss black finish
- > 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 keypad
- > Smooth, responsive hard buttons
- > Adjustable backlit button text
- > Ultra-reliable infiNET EX® wireless communications
- > 75 feet RF range (typical)<sup>[1]</sup>
- > Easy range extension using infiNET EX expanders<sup>[3]</sup>
- > Instant-Waking® behavior
- > Works like an IR remote — with all the benefits of 2-way RF!
- > Customizable via VT Pro-e®, SystemBuilder™, or Adagio® Composer software<sup>[2]</sup>
- > Powered by 4 AA lithium or alkaline batteries

The MLX-3 Handheld Wireless Remote from Crestron® delivers an exceptional remote control for home theater, whole-house control, and AV 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 smooth-action backlit hard buttons, easy scroll-wheel menu navigation, and proven infiNET EX wireless technology.

Featuring 2-way wireless communications, the MLX-3 offers seamless interaction with AV and environmental systems, providing true feedback of all your settings, and displaying metadata information for all your digital media. 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.

### Color LCD Display

The MLX-3 affords 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.

infiNET EX®



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.

### Tactile Pushbuttons with Backlit Text

A full complement of tactile pushbuttons makes for a very intuitive user experience, providing quick access to everything needed for watching TV and movies, listening to music, and controlling the entire room. Backlit button text affords excellent legibility for use in a darkened room.

In addition to the menu buttons and scroll wheel, there are 37 buttons designated for all the most common functions, plus a 5-way navigation pad, and system power button. Every button on the MLX-3 is fully programmable to allow precisely the control desired, whether simply adjusting audio volume and flipping through channels, controlling a DVR or

# MLX-3 Color LCD Handheld Wireless Remote w/infiNET EX<sup>®</sup>

DVD player, navigating onscreen setup menus, or operating a pan/tilt camera.

## infiNET EX<sup>®</sup> Wireless Technology

Our groundbreaking infiNET EX wireless technology provides ultra-reliable 2-way communications throughout a residence or commercial structure utilizing a 2.4 GHz mesh network. A complete infiNET EX network uses the lighting dimmers and other devices throughout the structure as wireless relay stations, each receiving and passing on wireless commands to the central gateway. Every device that is added to the network effectively increases the range, strength, and reliability of the entire network by providing multiple redundant signal paths, ensuring that every button press is executed instantly and consistently.

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

## Instant-Waking<sup>®</sup>

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 made easy through the dialog-based program editor within Crestron [VT Pro-e<sup>®</sup>](#) software. Apply full-color icons from the library provided to designate each menu, control page, and channel preset. Uploading your program is facilitated right over the wireless network or through a USB connection.<sup>[2]</sup>

## 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<sup>2</sup>) typical  
**Contrast:** 350:1 typical  
**Color Depth:** 16-bit, 64k colors  
**Viewing Angle:** ±70° horizontal, +70/-53° vertical  
**Illumination:** LED Backlit

### Buttons & Indicators

**Power (top):** (1) programmable pushbutton, for system power control  
**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  
**VOL:** (1) programmable rocker button, for audio volume control  
**CH:** (1) programmable rocker button, for sequential channel selection  
**Navigation Pad:** (1) programmable 5-way thumbpad (4-way navigation plus center "SELECT" button)  
**Functions:** (33) programmable pushbuttons, OSM navigation, transport control, and alphanumeric entry

Note: All front panel buttons include globally-adjustable backlighting

### Memory

**Maximum Project Size:** 2 MB

### Graphics Engine

Built-in customizable control pages, scrolling menus, and dynamic objects; 16-bit color depth; configurable via VT Pro-e<sup>®</sup>, SystemBuilder<sup>™</sup>, and Adagio<sup>®</sup> Composer

### Wireless

**RF Transceiver:** infiNET EX<sup>®</sup> 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 mesh network device<sup>[3]</sup>, subject to site-specific conditions  
**Gateway:** Requires a CEN-RFGW-EX infiNET EX Gateway<sup>[1]</sup>

### 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)

### Enclosure

**Construction:** Plastic, gloss black

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## Dimensions

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**Height:** 1.11 in (28 mm)

**Width:** 2.13 in (54 mm)

**Depth:** 8.46 in (215 mm)

## Weight

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5.49 oz (156 g);

~8.96 oz (~254 g) w/batteries

## MODELS & ACCESSORIES

### Available Models

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**MLX-3:** Color LCD Handheld Wireless Remote, infiNET EX®

### Available Accessories

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**CEN-RFGW-EX:** infiNET EX® Wireless Gateway

**CLW-EXPEX:** infiNET EX® Wireless Expander

#### Notes:

1. Requires [CEN-RFGW-EX](#) or equivalent infiNET EX gateway (e.g., [MC3](#)), which supports up to 100 infiNET EX network devices inclusive of up to 6 MLX-3 remotes. Additionally, up to 5 [CLW-EXPEX](#) infiNET EX Expanders may be added to the network for extended range. All gateways, expanders, and other infiNET EX devices are sold separately.
2. Programming must be provided by an authorized Crestron programmer.
3. Any infiNET EX mesh network device that provides expander functionality will effectively extend the range of the wireless network beyond the initial range of the gateway. Battery-powered infiNET EX devices do not provide expander functionality. A dedicated infiNET EX Wireless Expander, model CLW-EXPEX is also available.

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](http://www.crestron.com/salesreps) or by calling 800-237-2041.

Specifications subject to change without notice. Crestron is not responsible for errors in typography or photography.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

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