

MTX-3 Isys® 2.8" Handheld Wireless Touch Screen with infiNET EX®

DO Install the Battery

Perform the following procedure to install the battery pack in a Crestron® Isys® MTX-3 touch screen:

1. Place the MTX-3 screen side down on a clean, soft surface.
2. Remove the battery compartment cover on the rear of the touch screen. If the battery compartment cover has a cutout  near the bottom, insert a small screwdriver into the hole in the center of the cutout and pry the tab upward slightly. Then slide the cover off. (If there is no cutout, simply slide the cover off to open the battery compartment.)
3. Carefully connect the multipin connector of the battery with the corresponding connector inside the battery compartment. The pin side of the connector should face toward the rear of the touch screen. The red wires should be closer to the top of the touch screen than the black wires. Ensure the connector is fully seated.
4. Place the battery in the compartment. The battery should be oriented so that the wires for the multipin connector are on the bottom.



5. Reattach the battery compartment cover.

DO Charge the Battery

To charge the battery pack, the MTX-3 must be placed on the included MTX-3-DS docking station. Connect the included power pack to the MTX-3-DS.

NOTE: Before using the MTX-3 for the first time, charge its battery for at least two hours by placing it on the MTX-3-DS docking station. The green LED on the front of the MTX-3 blinks while the battery is charging.

NOTE: When not in use, the MTX-3 should be stored on its docking station.

DO Optimize Battery Performance

For optimum performance after shipping or any time the unit's power has been off for an extended period of time, Crestron recommends performing the following procedure on the Isys MTX-3:

1. Place the unit on its docking station and connect ac power.
2. Allow the unit to charge completely. (The green LED should be steadily on for 15 minutes.)
3. Remove the touch screen from the docking station.
4. From the **Panel Setup Options** menu, touch **Diagnostics**, and then touch **Battery Diags** to go to the **Battery Diagnostics** screen. Touch **Recondition Battery**, and then touch **YES, Recondition Battery** to confirm (refer to "Battery Diagnostics").
5. Wait for the unit to shut off. This takes approximately five hours. Leave the unit off the docking station the entire time. During this operation, the **Battery Reconditioning** screen is displayed until the unit shuts off.
6. Place the unit back on the docking station and allow it to charge completely. After charging, the unit is ready for normal operation.

In order to maximize battery life, use the following settings:

- From the main setup screen, touch **Standby Setup** to enter the **Standby Timeouts** screen (refer to "Set Up Standby Timeouts"). Use an **Undocked Standby** setting of 30 and an **Undocked Power Off** setting of 45.
- From the main setup screen, touch **LCD Settings** to enter the **Display Settings** screen (refer to "LCD Settings"). Use an **Undocked Brightness** setting of 50.

DO Access the Panel Setup Options Menu

The **Panel Setup Options** menu is the starting point for configuring the MTX-3. When power is applied to the device for the first time, touch the screen to display the **Panel Setup Options** menu.

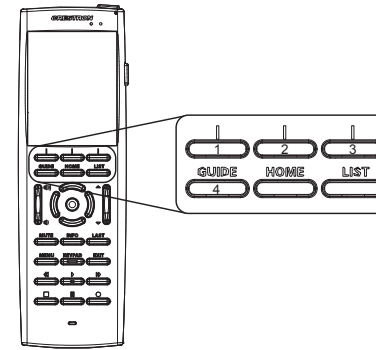


NOTE: The USB port for loading projects and upgrading firmware is located behind the battery compartment cover on the rear of the unit.

DO Check the Box

QUANTITY	PRODUCT	PART NUMBER
1	MTX-3-DS Docking Station	4512524
1	PW-0510WU Power Pack	2028121
1	MTX-3-BTP Battery	4508331
1	USB 2.0 A to Mini B Cable	2025146

NOTE: During regular operation of the touch screen, activate the setup functions by pressing hard keys 1, 2, 3, and 4 in sequence twice (i.e., press 1, 2, 3, 4, 1, 2, 3, 4) within a 5 second period.



DO Acquire the Touch Screen

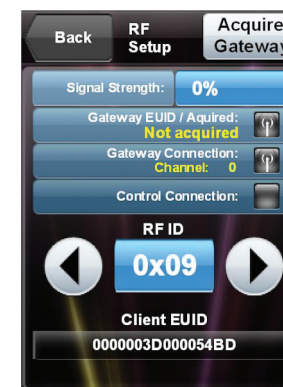
Before the MTX-3 can be used, it must be acquired by a CEN-RFGW-EX gateway (sold separately) that is connected to an infiNET EX® system.

NOTE: An infiNET EX device can be acquired by only one gateway.

NOTE: Once the acquire process has started, the MTX-3 is no longer associated with any gateway. If the CEN-RFGW-EX gateway fails to acquire the MTX-3 for any reason, the MTX-3 does not reassociate with the previous gateway. The acquire process should be restarted.

To acquire the MTX-3, perform the following procedure:

1. Put the CEN-RFGW-EX in Acquire mode by pressing the **ACQUIRE** button (on the unit itself or from Crestron Toolbox™, as described in the CEN-RFGW-EX infiNET EX Gateway Operations & Installation Guide, Doc 6706, at www.crestron.com/manuals). The gateway's ACQUIRE LED lights.
2. From the **Panel Setup Options** menu, touch **RF Setup**, and then put the MTX-3 in Acquire mode by touching **Acquire Gateway**.



3. When the **Confirm Acquire** screen is displayed, touch **YES, Acquire New Gateway** to begin the process.

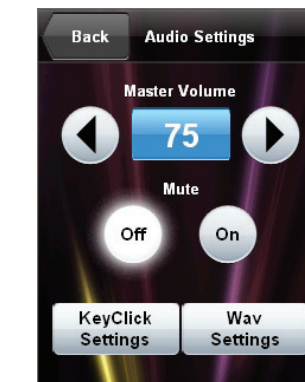
The **RF Gateway Acquisition In Progress** screen is displayed. When the acquire process is complete, the **RF Setup** screen shows the gateway's EUID, the channel number, and RF ID.



4. Take the CEN-RFGW-EX out of Acquire mode by pressing its **ACQUIRE** button.

DO Set Up the Audio

From the **Panel Setup Options** menu, touch **Audio Setup** to control the volume, key click settings, and .wav settings.



Key Click Settings

Touch **Key Click Settings** to control key click volume and to turn the key click sound that plays when docking on and off.



Wav Settings

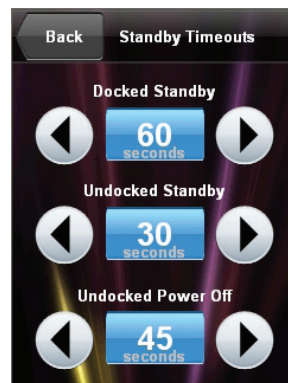
Touch **Wav Settings** to control .wav volume and to play a test .wav.



DO Set Up Standby Timeouts

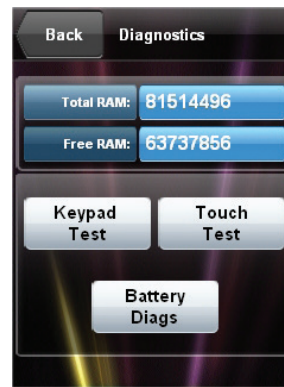
From the **Panel Setup Options** menu, touch **Standby Setup** to adjust the docked and undocked standby timeout and to adjust when the power on an undocked MTX-3 turns off.

NOTE: A USB connection to a powered PC, as used to load projects, keeps the unit awake and prevents it from going into standby mode.



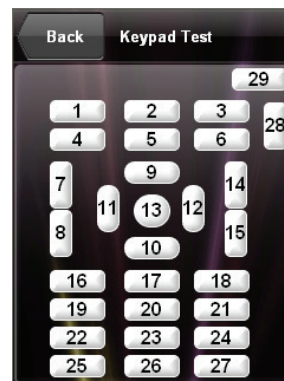
DO Check Diagnostics

From the **Panel Setup Options** menu, touch **Diagnostics** to view the total RAM and free RAM, to test the keypad and touch screen, and to access the battery diagnostics.



Keypad Test

Touch **Keypad Test** to view the **Keypad Test** screen. Pressing a button on the MTX-3 causes its likeness on the screen to light up.



Touch Test

On the **Diagnostics** menu, touch **Touch Test** to calibrate the MTX-3 touch screen. Touch **Calibrate** to begin calibration.

The calibration screen shows a crosshair in the center. Touch the crosshair and it moves to another location on the screen. Continue to touch the crosshair as it appears at each new location until a "Calibration Complete" message is displayed. Touch the screen to return to the **Touch Test** screen.



Battery Diagnostics

From the **Diagnostics** menu, touch **Battery Diags** to view the battery's state, level, amount of current remaining, and amount of voltage remaining. In addition, there are controls to reset the battery gauge and to recondition the battery.

NOTE: The field at the bottom of the screen should be used when under the supervision of a Crestron technical support representative during telephone support.

NOTE: The battery gauge should be reset after any battery replacement.



DO Enable System Messages

From the **Panel Setup Options** menu, touch **System Msgs Enabled** to toggle the display of system messages on and off. When off, the button text changes to **System Msgs Disabled**.

DO Learn About the Software

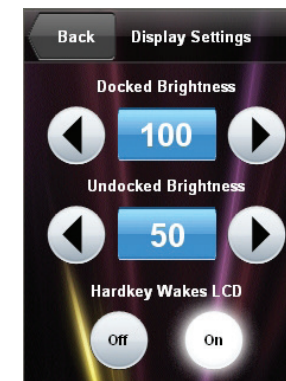
From the **Panel Setup Options** menu, touch **About** to display a screen that shows firmware and OS version information.

DO Adjust the Screen Brightness

These setup options control the appearance of the MTX-3.

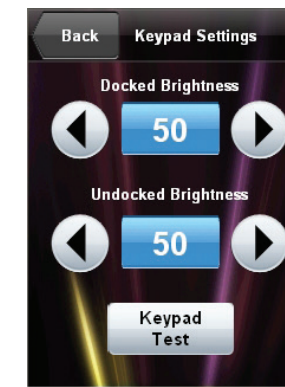
LCD Settings

From the **Panel Setup Options** menu, touch **LCD Settings** to control screen brightness when the MTX-3 is docked and undocked and to turn the **Hardkey Wakes LCD** option on or off. When set to **On**, pressing a hard key turns on the LCD display if the display is off.



Keypad Settings

From the **Panel Setup Options** menu, touch **Keypad Settings** to control the keypad brightness when the MTX-3 is docked and undocked and to test the keypad (refer to "Keypad Test").



DO Save and Exit Setup

From the **Panel Setup Options** menu, touch **Save & Exit** to save any setup changes and to return to normal operation mode.

NOTE: When loading projects or firmware, keep the MTX-3 on its docking station.

DO Care for the MTX-3

Keep the surface of the touch screen free of dirt, dust, or other materials that could degrade optical properties. Long-term contact with abrasive materials can scratch the surface, which may detrimentally affect image quality.

For best cleaning results, use a clean, damp, non-abrasive cloth with any commercially available non-ammonia glass cleaner. Bezels may not provide a complete watertight seal. Therefore, apply cleaning solution to the cloth rather than the surface of the touch screen. Wipe touch screen clean and avoid getting moisture beneath the bezels.

CAUTION: To avoid possible damage to the unit, do not use the touch screen in the rain or expose it to moisture.

DO Learn More

Check the website for the latest firmware updates.

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CE As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

(1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

To satisfy RF requirements, this device and its antenna must operate with a separation distance of at least 20 centimeters from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

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Product warranty can be found at www.crestron.com/warranty.