

# Crestron MT-500C MiniTouch Handheld Wireless Touchpanel



The MT-500C MiniTouch is a compact wireless touchpanel that features a large, easy-to-read color touchscreen and nine programmable pushbuttons in a smart, stylish handheld package. With a 180' RF range, the MT-500C is well suited for boardrooms, lecture halls, and other applications requiring an ergonomic remote that can be held comfortably in one hand and operated easily, even in a darkened room.

**Color Touchpanel**—Its bright 3.6" color touchscreen makes the MT-500C perfect for a range of applications, extending beyond conventional home theater control to include lighting, climate, security, and more as part of a complete Crestron automation system. Like every Crestron touchpanel, the MiniTouch allows for the creation of fully-customized control screens using Crestron's popular VisionTools Pro-e® GUI design software. The LCD display supports 256-color graphics, 2D and 3D objects, and a variety of image file formats.

**Tactile Response**—The MT-500C also provides nine programmable pushbuttons for tactile, quick-touch access to frequently used commands. Button backlighting is included to facilitate operation in a darkened room. Five of the buttons are arranged along the right side of the unit, pre-labeled for power, volume, and other assignable up/down functions. The remaining four buttons about the bottom of the touchscreen with text labels appearing onscreen just above each button, allowing each button's function to change dynamically with each control page.

**High Performance RF Wireless**—Crestron's proven RF wireless technology affords an operational range of up to 180 feet with complete freedom of movement without the line-of-sight limitations of IR (infrared). The MT-500C is capable of communicating with any Crestron control system via 1-way RF using the CNRFGWA-418 gateway. Range is easily extended by distributing multiple gateways throughout a structure.

The MT-500C is also ideal for use with Crestron's MC2W control system with built-in RF gateway, providing a cost-effective yet powerful room control solution.

**Long-Life Rechargeable Batteries**—Employing a long-lasting NiMH battery pack with built-in pick-up sensing and automatic shutoff, the MT-500C permits typical usage up to a week without recharging. Charging the MT-500C is made easy using the included docking station. Non-volatile memory ensures that programming is retained when batteries are low.

- > *Ergonomic handheld design*
- > *3.6" LCD color touchscreen*
- > *320 x 240 resolution*
- > *9 programmable pushbuttons*
- > *Independent backlight for touchscreen and buttons*
- > *Adjustable time-out and pick-up sensor*
- > *418 MHz 1-way RF communication*
- > *Long-range wireless operation up to 180 feet*
- > *Compatible with CNRFGWA-418 and MC2W gateways*
- > *Programmable using Crestron VTPro-e software*
- > *Docking station and rechargeable NiMH battery pack included*

# Crestron MT-500C MiniTouch Handheld Wireless Touchpanel

## Touchscreen

**Display:** 3.6 in (9.1 cm) diagonal, 256 color, passive-matrix LCD, backlit

**Resolution:** 240x320 pixels (240x219 programmable area)

## Buttons and Controls

**Vol +/-:** (2) programmable function buttons, backlit

**P +/-:** (2) programmable function buttons, backlit

**Mute:** (1) programmable function button, backlit

**Bottom Buttons:** (4) assignable page flip and programmable function buttons with corresponding customizable labels on the touchscreen display

**Backlight:** (1) button turns on button backlighting

**Contrast dial:** adjusts screen contrast

## Wireless

**RF Transmitter:** 418 MHz 1-way RF

**Bandwidth:** +/- 100KHz

**Range:** 2 to 180 feet min/max (typical)

CNRFGWA-418 or MC2W gateway/receiver required (maximum 15 touchpanels per gateway)

## Memory

8 MB non-volatile flash memory

## Connectors (Handheld)

**PC:** (1) 3.5mm TRS mini phone jack female

RS-232, 115.2K baud;

Serial connection to PC for loading screen files;

Programming cable included, 3.5 mm TRS mini phone plug to DB9 female

## Connectors (Docking Station)

**PC:** (1) 3.5mm TRS mini phone jack female

RS-232, 115.2K baud;

Serial connection to PC for loading screen files;

Programming cable included, 3.5 mm TRS mini phone plug to DB9 female

**12VDC:** (1) 12 Volt DC power jack (power supply included)

## LED Indicators

**Charging:** (2) Green LED indicators on docking station

Lit when charging, off when fully charged

## Power Requirements

**Battery:** 4.8 VDC NiMH, 600mAh

**Usage per charge:** Up to 3 hours (continuous), up to 1 week (typical)

**Charging time:** 2 to 3 hours (typical)

**Docking station/charger:** 12 VDC 400mAh, power supply included

## Environmental

**Temperature:** 32° to 122° F (0° to 50° C)

## Dimensions

(Without docking station)

**Height:** 5.60 in (14.23 cm)

**Width:** 3.70 in (9.40 cm)

**Depth:** 1.30 in (3.31 cm)

## Weight

9 oz (0.28 kg) – Without docking station

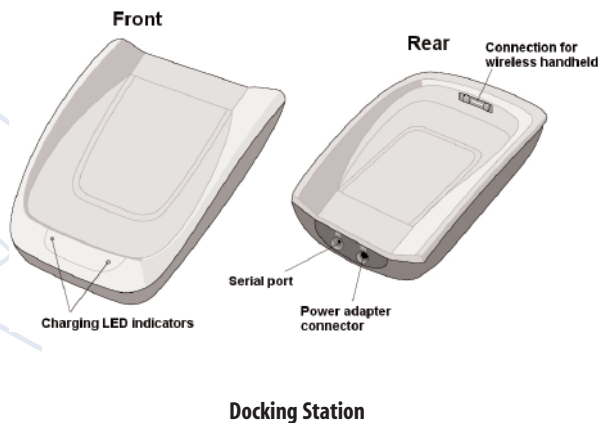
## AVAILABLE ACCESSORIES

### CNRFGWA-418

1-way RF Gateway/Receiver

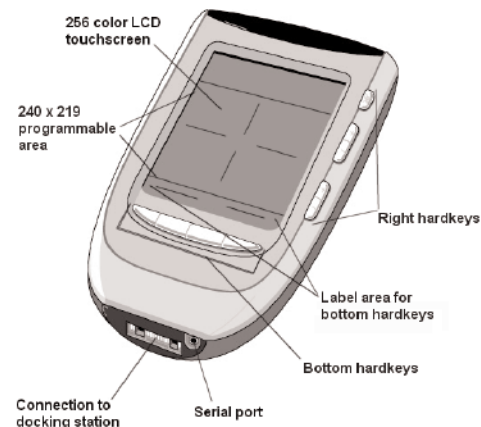
### MC2W

Control System with Integrated RF Gateway



Docking Station

### FRONT



### BACK



Handheld

NEW YORK TORONTO LONDON SINGAPORE LOS ANGELES MEXICO CITY PARIS MELBOURNE ATLANTA SAO PAULO BARCELONA DALLAS BRUSSELS DUBAI CHICAGO MUNICH HONG KONG ORLANDO MILAN BEIJING

Crestron Electronics, Inc. 15 Volvo Drive • Rockleigh, NJ 07647  
Tel: 800.237.2041 / 201.767.3400 • Fax: 201.767.7576 • www.crestron.com

Specifications subject to change without notice. Printed in USA Doc.6129A 7/04