

ST-1550C

SmarTouch™ Economical 1-Way Wireless Touch Panel

The SmarTouch ST-1550C from Crestron® is an economical wireless touch panel featuring a 5.7" passive matrix color touch screen in a stylish and compact portable design. Long-range RF communications and 256 color graphics combine to deliver excellent, cost-efficient touch panel performance with complete freedom of movement.

SmarTouch

A SmarTouch touch panel offers an ideal user-interface for controlling home theater, boardroom AV and a host of other applications, providing a wideopen canvas for the creation of custom control screens tailored to the user's unique needs and tastes. Incredibly compact and portable, the SmarTouch touch panel does away with piles of remotes and cryptic control panels, affording true "one-touch" control over a broad range of complex devices and systems.

1-Way RF Wireless

Proven Crestron RF wireless technology affords an operational range of up to 300 feet without the line-of-sight limitations typical of cheaper IR (infrared) methods. Long-range 433 MHz 1-way RF communication enables compatibility with any Crestron control system via the CNRFGWA gateway^[1]. The ST-1550C is also ideal for use with a Crestron MC2W Integrated Wireless Control System^[1], providing a very cost-effective yet powerful room control solution.

Programmable logic built into the ST-1550C enables virtual button feedback and subpages, affording considerable versatility for a 1-way touch panel to deliver the "feel" of a more expensive 2-way panel.

Long-Life NiMH Batteries

A fast-charging NiMH battery pack is included to provide long-lasting wireless operation, with adjustable power management built in to preserve battery life up to 20 hours in standby.

Docking Station/Charger

Without removing the battery pack, the touch panel can be placed in the ST-DSN docking station (included) for easy recharging, simultaneously providing operating power to the touch panel. The docking station may also be used to recharge a spare ST-BTPN battery pack^[1]. And if necessary, the touch panel may even be powered directly using the PW-1215 power pack (included).

> 1-way RF wireless

> 300 foot range

> 5.7" passive matrix touch screen display

> 320 x 240 resolution

> 256 color graphics

> Audible "key click" feature

> Long-lasting NiMH batteries

> Docking station/charger included

> Lightweight contoured design for tabletop and handheld use



SPECIFICATIONS

Touch Screen Display

Display Type: Passive matrix color LCD

Size: 5.7 inch (145 mm) diagonal

Aspect Ratio: 4:3 QVGA

Resolution: 320 x 240 pixels

Color Depth: 8-bit, 256 colors

Illumination: Backlit fluorescent

Viewing Angle: ±50° horizontal, +40°/-50° vertical

Touch Screen: Resistive membrane

Wireless

RF Transmitter: 433.92 (433) MHz 1-way RF

Range: Up to 300 feet typical, subject to site-specific conditions

Gateway: Requires a CNRFGWA or MC2W RF Gateway^[1], maximum 16 touch panels per gateway

Memory

Flash: 1 MB

Maximum Project Size: 768 kB

Graphic Engine

ColorTouch™ 256 colors

Audio

Built-in transducer for "key click" sound

Connectors

Power: (1) 2.5mm barrel DC power jack;

12 Volt DC power input (PW-1215 power pack included)

Cresnet Upload: (1) 3.5 mm mini TRS phone jack;

Connects to Cresnet control network while uploading only

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Battery

Model/Type: ST-BTPN battery pack, NiMH, 4.8 Volt, 4100 mAh

Usage per Charge: ~4.3 hours continuous use at full brightness, 20 hours in standby

Charging Time: 2.7 to 6 hours (depending upon use while charging)

Power Requirements

Power Pack: 18 Watts (1.5 Amps) @ 12 Volts DC;

120 Volts AC @ 60Hz power pack, model PW-1215 included

Environmental

Temperature: 50° to 113°F (10° to 45°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

Construction: High impact black/silver injection-molded case

Dimensions

Height: 3.69 in (94 mm)

Width: 8.75 in (223 mm)

Depth: 5.42 in (138 mm)

Weight

1.85 lbs (0.84 kg) - not including battery or docking station

INTERNATIONAL VERSION (230 VAC)

STI-1550C

All the features and specifications of the ST-1550C except:

Power Requirements

Power Pack: 18 Watts (1.5 Amps) @ 12 Volts DC;

230 Volts AC @ 50Hz power pack, model PWI-1215 included

Available Models

ST-1550C: SmarTouch™ 1-Way RF Wireless 5.7" Passive Matrix Color Touchpanel.

STI-1550C: SmarTouch™ 1-Way RF Wireless 5.7" Passive Matrix Color Touchpanel - International Version, 230VAC.

Included Accessories

ST-DSN Docking Station/Charger for SmarTouch 1550 and 1700 wireless model touchpanels. [Included Quantity for ST-1550C: 1]

STI-DSN Docking Station/Charger for SmarTouch 1550 and 1700 wireless model touchpanels - International Version, 230VAC [Included Quantity for STI-1550C: 1]

ST-BTPN Battery Pack for SmarTouch 1550 and 1700 wireless model touchpanels [Included Quantity for ST-1550C, STI-1550C: 1]

PW-1215 Power Pack, Wall, 12VDC, 1.5A, 120VAC [Included Quantity for ST-1550C: 1]

PWI-1215 Power Pack, Desktop, 12VDC, 1.5A, 230VAC [Included Quantity for STI-1550C: 1]

Available Accessories

CNRFGWA: 433MHz 1-Way RF Gateway

MC2W: Compact Control System with Built-in RF Gateway [Discontinued]

ST-PK: Programming Cable Kit

Notes:

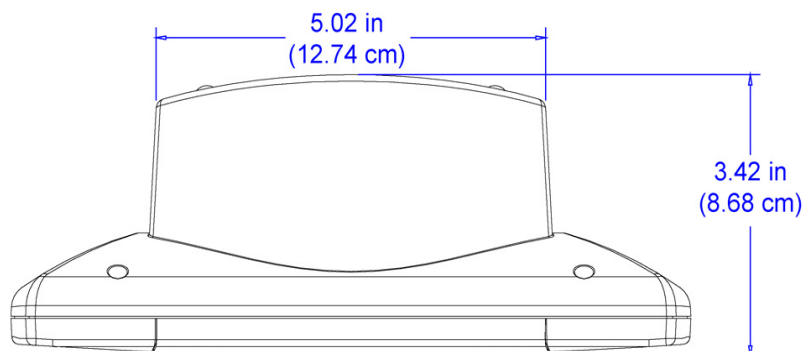
1. Item(s) sold separately.

This product may be purchased from an authorized Crestron dealer. To find a

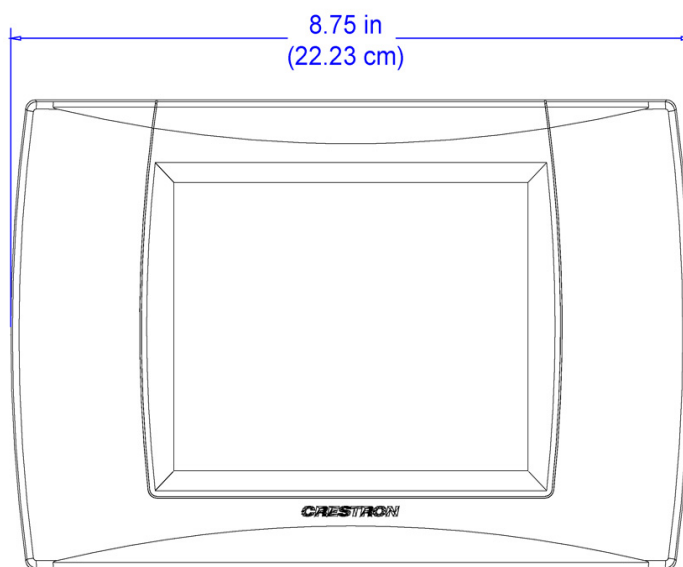
dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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