

SmarTouch™ overview

Crestron's SmarTouch™ family of compact touchpanels has long been a popular choice for all types of control applications. A 5.7" touchscreen display and sleek, portable design result in an ideal user-interface for controlling home theater, boardrooms, training rooms, house of worship, and a host of other uses.

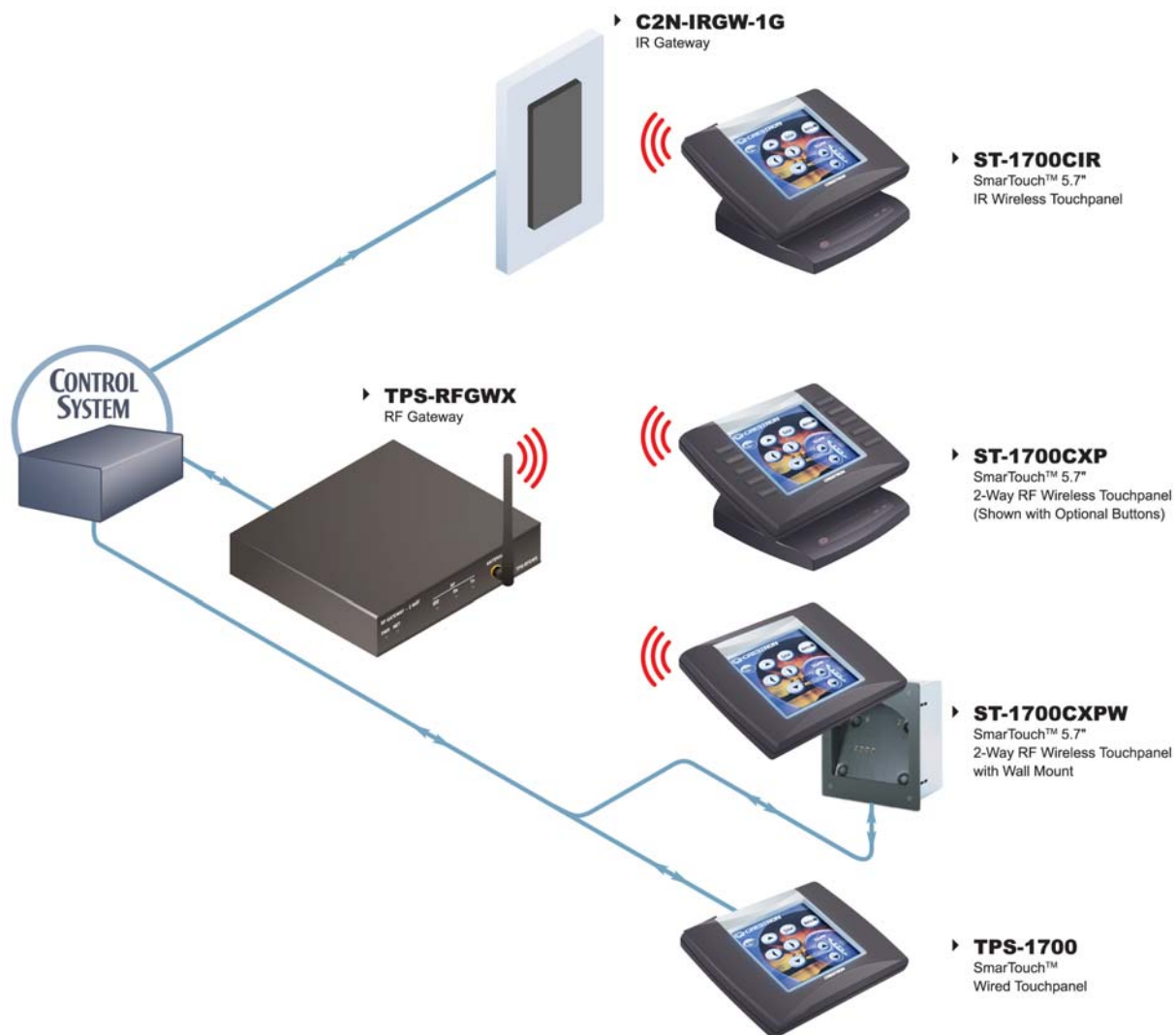
A wide selection of SmarTouch touchpanels is offered. All 1700-Series models feature 16-bit Isys® color graphics on a bright QVGA display, plus optional hard-buttons for improved tactile response. Take your pick of the **STX-1700CXP** for long-range 2-way RF wireless performance, the **STX-1700C** for 2-way wireless with roaming capability, or the **ST-1700C** for cost-effective 1-way RF wireless. The new **ST-1700CIR** provides an IR

wireless alternative, enabling wireless touchpanel control in RF-prohibitive environments. For non-wireless applications, choose the **TPS-1700**, providing all the same features in a wired Cresnet configuration.

The **STX-1700CXPW** and **STX-1700CW** provide the benefits of 2-way RF wireless with the added convenience of a wall mount docking station. And, where cost is of the greatest significance, the economical **ST-1550C** and **CT-1550** afford a choice of 1-way RF wireless or wired operation in a low-cost package featuring a ColorTouch™ passive matrix display.

With 9 models in all, SmarTouch touchpanels are clearly an easy – and smart – choice.

SmarTouch™ Touchpanels



Color Key ● Control ● Video ● Audio ● RGB ● CAT5e ● Cresnet ● LAN ● CresCAT-QM

SmarTouch™ cross reference

	Wireless				Wall Mount Wireless	Wired			
	STX-1700CXP	STX-1700C	ST-1700C	ST-1550C	ST-1700CIR	STX-1700CXPW	STX-1700CW	TPS-1700	CT-1550
Touchscreen Display									
Display Size & Type	5.7" Active	5.7" Active	5.7" Active	5.7" Passive	5.7" Active	5.7" Active	5.7" Active	5.7" Active	5.7" Passive
TFT Active Matrix	•	•	•		•	•	•	•	
Aspect Ratio	4:3 QVGA	4:3 QVGA	4:3 QVGA	4:3 QVGA	4:3 QVGA	4:3 QVGA	4:3 QVGA	4:3 QVGA	4:3 QVGA
Resolution	320 x 240	320 x 240	320 x 240	320 x 240	320 x 240	320 x 240	320 x 240	320 x 240	320 x 240
Color Depth	16-bit 64k	16-bit 64k	16-bit 64k	8-bit 256k	16-bit 64k	16-bit 64k	16-bit 64k	16-bit 64k	8-bit 256k
Touchpanel Graphics									
Color Depth	16-bit 64k	16-bit 64k	16-bit 64k	8-bit 256k	16-bit 64k	16-bit 64k	16-bit 64k	16-bit 64k	8-bit 256k
Synapse Image Rendering	•	•	•		•	•	•	•	
Multimode Objects	•	•				•	•	•	
True Feedback	•	•				•	•	•	•
Dynamic Text	•	•				•	•	•	•
Animation	•	•	•		•	•	•	•	•
Memory									
RAM	8MB	8MB	8MB		8MB	8MB	8MB	8MB	
Flash	4MB	4MB	4MB	1MB	4MB	4MB	4MB	4MB	1MB
Maximum Project Size	3MB	3MB	3MB	768k	3MB	3MB	3MB	3MB	768k
Audio									
Audible "Key Click"	•	•	•	•	•	•	•	•	•
Enclosure									
Tabletop or Handheld	•	•	•	•	•	•	•	•	•
Wall Mount Docking Station						•	•		
Hard Buttons (optional)									
Programmable	10	10	10		10	10	10	10	
Engravable	10	10	10		10	10	10	10	
Network									
Cresnet						•	•	•	•
Wireless									
2-Way RF 2.4 GHz Spread Spectrum via TPS-RFGWX	•					•			
2-Way RF 418 MHz via STRFGWX		•					•		
1-Way RF 434 MHz via CNRFGWA or MC2W			•	•					
1-Way IR 38 kHz RC5 via C2N-IRGW or CNXRMIIRD					•				
Batteries									
NiMH Rechargeable (Docking Station/Charger Included)	•	•	•	•	•	•	•		

This chart intended for summary comparison only; see each product specification for complete information.

SMARTOUCH™ TOUCHPANELS

→ SmarTouch Wireless Touchpanels

SmarTouch™ 2-Way Spread Spectrum Wireless Touchpanel **STX-1700CXP**

The STX-1700CXP is a high-performance 2-way wireless touchpanel featuring a brilliant 5.7" active matrix touchscreen and optional pushbuttons in a stylish and compact portable design. Long-range spread spectrum RF and Isys color graphics combine to deliver outstanding touchpanel performance with complete freedom of movement for the most demanding control applications.

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

2-Way Spread Spectrum RF Wireless—Crestron's 2.4 GHz spread spectrum RF technology provides reliable long-range wireless operation up to 150 feet indoors using a single TPS-RFGWX RF gateway (sold separately). Bidirectional communication supports true-feedback and dynamic text capability to enable display of all kinds of data – from system power status and audio settings to digital media playlists, satellite radio program guides, alert messages, room temperature, lighting levels, and much more.

Extended bandwidth makes the STX-1700CXP ideal for applications employing large amounts of dynamic text or multiple wireless touchpanels. "WiFi friendly" technology permits selection from 10 possible bands within the 2.4 GHz spectrum to prevent interference with 802.11 devices and other non-Crestron RF equipment.

Isys®—The powerful Isys engine produces astonishing 16-bit full-color graphics with lightning-fast performance and incredible versatility. The 32-bit Freescale ColdFire® microprocessor combines with an ingenious and ultra efficient operating system to support high-resolution graphics and images, dynamic text, animations, multimode objects, subpages, and more.

Synapse™—Crestron's exclusive Synapse Image Rendering Algorithm enables system programmers to produce amazing graphics – faster and easier. Advanced antialiasing delivers crisper, sharper objects and text. Enhanced 3D effects add new depth and style. And because Synapse is native to the touchpanel, memory requirements and upload time are substantially reduced.



Quick-Touch Pushbuttons—The STX-1700CXP includes a button bezel kit which may be installed to provide ten tactile pushbuttons for quick-touch access to frequently used commands. In standby, the pushbuttons may be operated without waking the touchscreen for extended battery life. Custom engraving of the pushbuttons may be attained using Crestron Engraver software.

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 touchpanel can be placed in the ST-DSN docking station (included) for easy recharging, simultaneously providing operating power to the touchpanel. The docking station may also be used to recharge a spare ST-BTPN battery pack (sold separately). And if necessary, the touchpanel may even be powered directly using the PW-1215 power pack (included).

- ▶ "WiFi Friendly" 2-way Spread Spectrum RF wireless
- ▶ 5.7" active matrix touchscreen display | 320 x 240 resolution
- ▶ Isys® graphics engine | Synapse™ Image Rendering Algorithm
- ▶ 10 quick-touch pushbuttons (optional) | audible "key click"
- ▶ Long-lasting NiMH batteries | docking station/charger included
- ▶ Lightweight contoured design for tabletop and handheld use

SPECIFICATIONS

Touchscreen Display

Display Type: TFT Active matrix color LCD

Size: 5.7 inch (14.5 cm) diagonal

Aspect Ratio: 4:3 QVGA

Resolution: 320 x 240 pixels

> continued

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

STX-1700CXP SmarTouch™ 2-Way Spread Spectrum Wireless Touchpanel (continued)

Color Depth: 16-bit, 64k colors
Illumination: Backlit fluorescent
Viewing Angle: ±65° horizontal, +65°/-40° vertical
Touchscreen: Resistive membrane

Buttons

(10) Replaceable engravable buttons, programmable
Requires installation of button bezel kit (included)

Wireless

RF Transceiver: "Wi-Fi friendly" 2.4 GHz spread spectrum 2-way RF (2400 to 2483 MHz)

Range: 3 to 150 feet min/max indoor, 1000 feet outdoor
TPS-RFGWX RF Gateway required (maximum 15 touchpanels per gateway)

Processor

CPU: 32-bit Freescale ColdFire® Microprocessor

Memory

DRAM: 8 MB
Flash: 4 MB
Maximum Project Size: 3 MB

Graphic Engine

Isys engine, 16-bit non-palette graphics; 65,536 colors; Synapse image rendering algorithm; multi-mode objects; animation

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 supply included)
Cresnet Upload: (1) 3.5 mm mini TRS phone jack
Connects to Cresnet control network while uploading only

Battery

Model/Type: ST-BTPN battery pack, NiMH, 4.8 Volt, 4100 mAh
Usage per Charge: ~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

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
Docking Station/Charger (ST-DSN included):
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PW-1215 included): 120 Volts AC @ 60Hz

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: 3.85 in (9.78 cm)
Width: 8.75 in (22.23 cm)
Depth: 5.51 in (14.00 cm)

Weight

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

INTERNATIONAL VERSION (230 VAC)

STXI-1700CXP

All the features and specifications of the STX-1700CXP except:

Power Requirements

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
Docking Station/Charger (STI-DSN included):
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PWI-1215 included): 230 Volts AC @ 50Hz

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

ST(I)-DSN

Docking Station

ST-BTPN

Battery Pack

PW(I)-1215

12 Volt Power Pack

1700C-BTNB-BEZELS-BLANK

Button and Bezel Kit
(engraving sold separately)

smartouch™ touchpanels

AVAILABLE ACCESSORIES

▶ **TPS-RFGWX**
2-Way Spread Spectrum
RF Gateway

▶ **1700C-BTNB**
Set of 10 Black Button Caps
with Engraving

▶ **1700C-BTNS**
Set of 10 Silver Button Caps
with Engraving

▶ **ST-PK**
Programming Cable Kit

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

SmarTouch™ 2-Way Wireless Touchpanel **STX-1700C**

The STX-1700C is a stylish and compact 2-way wireless touchpanel featuring a brilliant 5.7" active matrix touchscreen and optional pushbuttons. Isys color graphics and reliable RF communications combine to deliver amazing touchpanel performance with complete freedom of movement.

SmarTouch™—A SmarTouch touchpanel 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 touchpanel does away with piles of remotes and cryptic control panels, affording true "one-touch" control over a broad range of complex devices and systems.

2-Way RF Wireless with Roaming—With an indoor range of 50 feet using a single STRFGWX RF gateway (sold separately), the STX-1700C is excellent for small, single room applications, and for roaming applications utilizing multiple gateways. Bidirectional communication supports true-feedback and dynamic text capability to enable display of all kinds of data – from system power status and audio settings to digital media playlists, satellite radio program guides, alert messages, room temperature, lighting levels, and much more.

Isys®—The powerful Isys engine produces astonishing 16-bit full-color graphics with lightning-fast performance and incredible versatility. The 32-bit Freescale ColdFire® microprocessor combines with an ingenious and ultra efficient operating system to support high-resolution graphics and images, dynamic text, animations, multimode objects, subpages, and more.

Synapse™—Crestron's exclusive Synapse Image Rendering Algorithm enables system programmers to produce amazing graphics – faster and easier. Advanced antialiasing delivers crisper, sharper objects and text. Enhanced 3D effects add new depth and style. And because Synapse is native to the touchpanel, memory requirements and upload time are substantially reduced.

Quick-Touch Pushbuttons—The STX-1700C includes a button bezel kit which may be installed to provide ten tactile pushbuttons for quick-touch access to frequently used commands. In standby, the pushbuttons may be operated without waking the touchscreen for extended battery life. Custom engraving of the pushbuttons may be attained using Crestron Engraver software.

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 preserves battery life up to 20 hours in standby.



Docking Station/Charger—Without removing the battery pack, the touchpanel can be placed in the ST-DSN docking station (included) for easy recharging, simultaneously providing operating power to the touchpanel. The docking station may also be used to recharge a spare ST-BTPN battery pack (sold separately). And if necessary, the touchpanel may even be powered directly using the PW-1215 power pack (included).

- ▶ 2-way RF wireless with roaming capability
- ▶ 5.7" active matrix touchscreen display | 320 x 240 resolution
- ▶ Isys® graphics engine | Synapse™ Image Rendering Algorithm
- ▶ 10 quick-touch pushbuttons (optional) | audible "key click"
- ▶ Long-lasting NiMH batteries | docking station/charger included
- ▶ Lightweight contoured design for tabletop and handheld use

SPECIFICATIONS

Touchscreen Display

Display Type: TFT Active matrix color LCD
Size: 5.7 inch (14.5 cm) diagonal
Aspect Ratio: 4:3 QVGA
Resolution: 320 x 240 pixels
Color Depth: 16-bit, 64k colors
Illumination: Backlit fluorescent
Viewing Angle: ±65° horizontal, +65°/-40° vertical
Touchscreen: Resistive membrane

Buttons

(10) Replaceable engravable buttons, programmable
Requires installation of button bezel kit (included)

Wireless

RF Transceiver: 418 MHz 2-way RF
Range: 3 to 50 feet min/max indoor, 150 feet outdoor
STRFGWX RF Gateway required (maximum 15 touchpanels per gateway)

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SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

STX-1700C SmarTouch™ 2-Way Wireless Touchpanel (continued)

Processor

CPU: 32-bit Freescale ColdFire® Microprocessor

Memory

DRAM: 8 MB

Flash: 4 MB

Maximum Project Size: 3 MB

Graphic Engine

Isys engine, 16-bit non-palette graphics; 65,536 colors; Synapse image rendering algorithm; multi-mode objects; animations

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 supply included)

Cresnet Upload: (1) 3.5 mm mini TRS phone jack
Connects to Cresnet control network while uploading only

Battery

Model/Type: ST-BTPN battery pack, NiMH, 4.8 Volt, 4100 mAh
Usage per Charge: ~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

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
Docking Station/Charger (ST-DSN included):
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PW-1215 included): 120 Volts AC @ 60Hz

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: 3.85 in (9.78 cm)

Width: 8.75 in (22.23 cm)

Depth: 5.51 in (14.00 cm)

Weight

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

INTERNATIONAL VERSION (230 VAC)

STXI-1700C

All the features and specifications of the STX-1700C except:

Power Requirements

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC

Docking Station/Charger (STI-DSN included):

18 Watts (1.5 Amps) @ 12 Volts DC

Power Supply (PWI-1215 included): 230 Volts AC @ 50Hz

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

ST(I)-DSN

Docking Station

ST-BTPN

Battery Pack

PW(I)-1215

12 Volt Power Pack

1700C-BTNB-BEZELS-BLANK

Button and Bezel Kit (engraving sold separately)

AVAILABLE ACCESSORIES

▶ **STRFGWX(I)**

2-Way 418 MHz RF Gateway

▶ **1700C-BTNB**

Set of 10 Black Button Caps
with Engraving

▶ **1700C-BTNS**

Set of 10 Silver Button Caps
with Engraving

▶ **ST-PK**

Programming Cable Kit

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

SmarTouch™ 1-Way Wireless Touchpanel **ST-1700C**

The ST-1700C is a stylish and compact 1-way wireless touchpanel featuring a brilliant 5.7" active matrix touchscreen and optional pushbuttons. Isys color graphics and long-range RF communications combine to deliver amazing touchpanel performance with complete freedom of movement.

SmarTouch™—A SmarTouch touchpanel 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 touchpanel 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—Crestron's proven 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 434 MHz 1-way RF communication enables compatibility with any Crestron control system via the CNRFGWA gateway (sold separately). The ST-1700C is also ideal for use with Crestron's MC2W Integrated Wireless Control System, providing a very cost-effective yet powerful room control solution.

Isys®—The powerful Isys engine produces astonishing 16-bit full-color graphics and images. Programmable logic built into the ST-1700C enables virtual button feedback and subpages, affording considerable versatility for a 1-way touchpanel to deliver the "feel" of a more expensive 2-way panel.

Synapse™—Crestron's exclusive Synapse Image Rendering Algorithm enables system programmers to produce amazing graphics – faster and easier. Advanced antialiasing delivers crisper, sharper objects and text. Enhanced 3D effects add new depth and style. And because Synapse is native to the touchpanel, memory requirements and upload time are substantially reduced.

Quick-Touch Pushbuttons—The ST-1700C includes a button bezel kit which may be installed to provide ten tactile pushbuttons for quick-touch access to frequently used commands. In standby, the pushbuttons may be operated without waking the touchscreen for extended battery life. Custom engraving of the pushbuttons may be attained using Crestron Engraver software.

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 preserves battery life up to 20 hours in standby.



Docking Station/Charger—Without removing the battery pack, the touchpanel can be placed in the ST-DSN docking station (included) for easy recharging, simultaneously providing operating power to the touchpanel. The docking station may also be used to recharge a spare ST-BTPN battery pack (sold separately). And if necessary, the touchpanel may even be powered directly using the PW-1215 power pack (included).

- ▶ 1-way RF wireless | 300 foot range
- ▶ 5.7" active matrix touchscreen display | 320 x 240 resolution
- ▶ Isys® graphics engine | Synapse™ Image Rendering Algorithm
- ▶ 10 quick-touch pushbuttons (optional) | audible "key click"
- ▶ Long-lasting NiMH batteries | docking station/charger included
- ▶ Lightweight contoured design for tabletop and handheld

SPECIFICATIONS

Touchscreen Display

Display Type: TFT Active matrix color LCD
Size: 5.7 inch (14.5 cm) diagonal
Aspect Ratio: 4:3 QVGA
Resolution: 320 x 240 pixels
Color Depth: 16-bit, 64k colors
Illumination: Backlit fluorescent
Viewing Angle: ±65° horizontal, +65°/-40° vertical
Touchscreen: Resistive membrane

Buttons

(10) Replaceable engravable buttons, programmable
Requires installation of button bezel kit (included)

Wireless

RF Transmitter: 433.92 (434) MHz 1-way RF
Range: 300 feet maximum
CNRFGWA RF Gateway required
(maximum 15 touchpanels per gateway)

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SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

ST-1700C SmarTouch™ 1-Way Wireless Touchpanel (continued)

Processor

CPU: 32-bit Freescale ColdFire® Microprocessor

Memory

DRAM: 8 MB

Flash: 4 MB

Maximum Project Size: 3 MB

Graphic Engine

Isys engine, 16-bit non-palette graphics; 65,536 colors; Synapse image rendering algorithm; local animation

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 supply included)

Cresnet Upload: (1) 3.5 mm mini TRS phone jack
Connects to Cresnet control network while uploading only

Battery

Model/Type: ST-BTPN battery pack, NiMH, 4.8 Volt, 4100 mAh
Usage per Charge: ~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

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
Docking Station/Charger (ST-DSN included):
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PW-1215 included): 120 Volts AC @ 60Hz

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: 3.85 in (9.78 cm)

Width: 8.75 in (22.23 cm)

Depth: 5.51 in (14.00 cm)

Weight

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

INTERNATIONAL VERSION (230 VAC)

STI-1700C

All the features and specifications of the ST-1700C except:

Power Requirements

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC

Docking Station/Charger (STI-DSN included):

18 Watts (1.5 Amps) @ 12 Volts DC

Power Supply (PWI-1215 included): 230 Volts AC @ 50Hz

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

ST(I)-DSN

Docking Station

ST-BTPN

Battery Pack

PW(I)-1215

12 Volt Power Pack

1700C-BTNB-BEZELS-BLANK

Button and Bezel Kit (engraving sold separately)

AVAILABLE ACCESSORIES

▶ **CNRFGWA**

1-Way 434 MHz
RF Gateway

▶ **1700C-BTNB**

Set of 10 Black Button Caps
with Engraving

▶ **1700C-BTNS**

Set of 10 Silver Button Caps
with Engraving

▶ **ST-PK**

Programming Cable Kit

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

SmarTouch™ Economical 1-Way Wireless Touchpanel **ST-1550C**

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

SmarTouch™—A SmarTouch touchpanel 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 touchpanel 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—Crestron's proven 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 434 MHz 1-way RF communication enables compatibility with any Crestron control system via the CNRFGWA gateway (sold separately). The ST-1550C is also ideal for use with Crestron's MC2W Integrated Wireless Control System, 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 touchpanel 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 preserves battery life up to 20 hours in standby.

Docking Station/Charger—Without removing the battery pack, the touchpanel can be placed in the ST-DSN docking station (included) for easy recharging, simultaneously providing operating power to the touchpanel. The docking station may also be used to recharge a spare ST-BTPN battery pack (sold separately). And if necessary, the touchpanel may even be powered directly using the PW-1215 power pack (included).

- ▶ 1-way RF wireless | 300 foot range
- ▶ 5.7" passive matrix touchscreen 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

Touchscreen Display

Display Type: Passive matrix color LCD
Size: 5.7 inch (14.5 cm) 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
Touchscreen: Resistive membrane

Wireless

RF Transmitter: 433.92 (434) MHz 1-way RF
Range: 300 feet maximum
CNRFGWA RF Gateway required
(maximum 15 touchpanels per gateway)

Memory

Flash: 1MB
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 supply included)
Cresnet Upload: (1) 3.5 mm mini TRS phone jack
Connects to Cresnet control network while uploading only

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)

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SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

ST-1550C SmarTouch™ Economical 1-Way Wireless Touchpanel (continued)

Power Requirements

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
Docking Station/Charger (ST-DSN included):
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PW-1215 included): 120 Volts AC @ 60Hz

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 (9.37 cm)
Width: 8.75 in (22.23 cm)
Depth: 5.42 in (13.77 cm)

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

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
Docking Station/Charger (STI-DSN included):
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PWI-1215 included): 230 Volts AC @ 50Hz

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

ST(I)-DSN

Docking Station

ST-BTPN

Battery Pack

PW(I)-1215

12 Volt Power Pack

AVAILABLE ACCESSORIES

- ▶ **CNRFGWA**
1-Way 434 MHz
RF Gateway
- ▶ **ST-PK**
Programming Cable Kit

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

SmarTouch™ IR Wireless Touchpanel **ST-1700CIR**

The ST-1700CIR is a stylish and compact IR wireless touchpanel featuring a brilliant 5.7" active matrix touchscreen and optional pushbuttons. Isys color graphics and infrared communications combine to deliver outstanding wireless touchpanel performance for applications that may not allow the use of RF-based technologies.

SmarTouch™—A SmarTouch touchpanel 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 touchpanel does away with piles of remotes and cryptic control panels, affording true "one-touch" control over a broad range of complex devices and systems.

IR Wireless—Affords an operational range of up to 50 feet line-of-sight. The ST-1700CIR is compatible with any Crestron control system via a C2N-IRGW IR Gateway or with select systems using the CNXRMIRD IR Receiver (both sold separately).

Isys®—The powerful Isys engine produces astonishing 16-bit full-color graphics and images. Programmable logic built into the ST-1700CIR enables virtual button feedback and subpages, affording considerable versatility for a 1-way touchpanel to deliver the "feel" of a more expensive 2-way RF-based panel.

Synapse™—Crestron's exclusive Synapse Image Rendering Algorithm enables system programmers to produce amazing graphics - faster and easier. Advanced antialiasing delivers crisper, sharper objects and text. Enhanced 3D effects add new depth and style. And because Synapse is native to the touchpanel, memory requirements and upload time are substantially reduced.

Quick-Touch Pushbuttons—The ST-1700CIR includes a button bezel kit which may be installed to provide ten tactile pushbuttons for quick-touch access to frequently used commands. In standby, the pushbuttons may be operated without waking the touchscreen for extended battery life. Custom engraving of the pushbuttons may be attained using Crestron Engraver software.

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 preserves battery life up to 20 hours in standby.

Docking Station/Charger—Without removing the battery pack, the touchpanel can be placed in the ST-DSN docking



station (included) for easy recharging, simultaneously providing operating power to the touchpanel. The docking station may also be used to recharge a spare ST-BTPN battery pack (sold separately). And if necessary, the touchpanel may even be powered directly using the PW-1215 power pack (included).

- ▶ 1-way IR wireless
- ▶ 5.7" active matrix touchscreen display | 320 x 240 resolution
- ▶ Isys graphics engine | Synapse Image Rendering Algorithm
- ▶ 10 quick-touch pushbuttons (optional) | audible "key click"
- ▶ Long-lasting NiMH batteries | docking station/charger included
- ▶ Lightweight contoured design for tabletop and handheld use

SPECIFICATIONS

Touchscreen Display

Display Type: TFT active matrix color LCD

Size: 5.7 inch (14.5 cm) diagonal

Aspect Ratio: 4:3 QVGA

Resolution: 320 x 240 pixels

Color Depth: 16-bit, 64k colors

Illumination: Backlit fluorescent

Viewing Angle: ±65° horizontal, +65°/-40° vertical

Touchscreen: Resistive membrane

Buttons

(10) Replaceable engravable buttons, programmable
Requires installation of button bezel kit (included)

Wireless

IR Carrier: 38 kHz

Format: RC5

Range: 3 to 50 feet typical

C2N-IRGW IR Gateway or CNXRMIRD IR Receiver required

> continued

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wireless Touchpanels

ST-1700CIR SmarTouch™ IR Wireless Touchpanel (continued)

Processor

CPU: 32-bit Freescale ColdFire® Microprocessor

Memory

DRAM: 8 MB

Flash: 4 MB

Maximum Project Size: 3 MB

Graphic Engine

Isys engine, 16-bit non-palette graphics; 65,536 colors; Synapse image rendering algorithm; local animation

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 supply included)

Cresnet Upload: (1) 3.5 mm mini TRS phone jack
Connects to Cresnet control network while uploading only

Battery

Model/Type: ST-BTPN battery pack, NiMH, 4.8 Volt, 4100 mAh
Usage per Charge: ~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

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
Docking Station/Charger (ST-DSN included):
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PW-1215 included): 120 Volts AC @ 60Hz

Environmental

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

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

Enclosure

High impact black/silver injection-molded case

Dimensions

Height: 3.85 in (9.78 cm)

Width: 8.75 in (22.23 cm)

Depth: 5.51 in (14.00 cm)

Weight

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

INTERNATIONAL VERSION (230 VAC)

STI-1700CIR

All the features and specifications of the ST-1700CIR except:

Power Requirements

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC

Docking Station/Charger (STI-DSN included):

18 Watts (1.5 Amps) @ 12 Volts DC

Power Supply (PWI-1215 included): 230 Volts AC @ 50Hz

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

ST(I)-DSN

Docking Station/Charger

ST-BTPN

Battery Pack

PW(I)-1215

12 Volt Power Pack

1700C-BTNB-BEZELS-BLANK

Button and Bezel Kit (engraving sold separately)

AVAILABLE ACCESSORIES

- | | | | |
|------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------|
| ▶ C2N-IRGW-1G
IR Gateway, Wall Mount | ▶ CNXRMIRD
IR Receiver | ▶ 1700C-BTNS
Set of 10 Silver Button
Caps with Engraving | ▶ ST-PK
Programming Cable Kit |
| ▶ C2N-IRGW-F
IR Gateway, Flush Mount | ▶ 1700C-BTNB
Set of 10 Black Button
Caps with Engraving | | |

SMARTOUCH™ TOUCHPANELS

→ SmarTouch™ Wall Mount Wireless Touchpanels

SmarTouch™ Spread Spectrum Wireless Touchpanel w/Wall Mount **STX-1700CXPW**

The STX-1700CXPW is a stylish and compact 2-way wireless touchpanel featuring a brilliant 5.7" active matrix touchscreen, optional pushbuttons and in-wall docking station. Long-range spread spectrum RF and Isys color graphics combine to deliver outstanding touchpanel performance with the added combination of portable wireless and wired wall mount versatility.

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

2-Way Spread Spectrum RF Wireless—Crestron's 2.4 GHz spread spectrum RF technology provides reliable long-range wireless operation up to 150 feet indoors using a single TPS-RFGWX RF gateway (sold separately). Bidirectional communication supports true-feedback and dynamic text capability to enable display of all kinds of data – from system power status and audio settings to digital media playlists, satellite radio program guides, alert messages, room temperature, lighting levels, and much more.

Extended bandwidth makes the STX-1700CXPW ideal for applications employing large amounts of dynamic text or multiple wireless touchpanels. "WiFi friendly" technology permits selection from 10 possible bands within the 2.4 GHz spectrum to prevent interference with 802.11 devices and other non-Crestron RF equipment.

Isys®—The powerful Isys engine produces astonishing 16-bit full-color graphics with lightning-fast performance and incredible versatility. The 32-bit Freescale ColdFire® microprocessor combines with an ingenious and ultra efficient operating system to support high-resolution graphics and images, dynamic text, animations, multimode objects, subpages, and more.

Synapse™—Crestron's exclusive Synapse Image Rendering Algorithm enables system programmers to produce amazing graphics – faster and easier. Advanced antialiasing delivers crisper, sharper objects and text. Enhanced 3D effects add new depth and style. And



because Synapse is native to the touchpanel, memory requirements and upload time are substantially reduced.

Quick-Touch Pushbuttons—The STX-1700CXPW includes a button bezel kit which may be installed to provide ten tactile pushbuttons for quick-touch access to frequently used commands. In standby, the pushbuttons may be operated without waking the touchscreen for extended battery life. Custom engraving of the pushbuttons may be attained using Crestron Engraver software.

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 preserves battery life up to 20 hours in standby.

In-Wall Docking Station—When docked, the STX-1700CXPW operates as a wired touchpanel with a direct connection to the Cresnet network. The docking assembly also provides operating power to the touchpanel while simultaneously charging the battery pack. A software-controlled latch secures the touchpanel when docked and is released upon pressing a button or entering a code on the touchpanel. When released, the STX-1700CXPW switches automatically to wireless operation.

The STX-1700CXPW ships complete with docking assembly and back box. The backbox includes knockouts to accommodate conduit fittings and is suitable for both pre- and post-construction installation.

> continued

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wall Mount Wireless Touchpanels

STX-1700CPW SmarTouch™ Spread Spectrum Wireless Touchpanel w/Wall Mount

- ▶ “WiFi Friendly” 2-way Spread Spectrum RF wireless
- ▶ 5.7" active matrix touchscreen display | 320 x 240 resolution
- ▶ Isys® Graphics Engine | Synapse™ Image Rendering Algorithm
- ▶ 10 quick-touch pushbuttons (optional) | audible “key click”
- ▶ Long-lasting NiMH batteries | in-wall docking station/charger
- ▶ Lightweight contoured design for tabletop and handheld use

SPECIFICATIONS

Touchscreen Display

Display Type: TFT Active matrix color LCD
Size: 5.7 inch (14.5 cm) diagonal
Aspect Ratio: 4:3 QVGA
Resolution: 320 x 240 pixels
Color Depth: 16-bit, 64k colors
Illumination: Backlit fluorescent
Viewing Angle: ±65° horizontal, +65°/-40° vertical
Touchscreen: Resistive membrane

Buttons

(10) Replaceable engravable buttons, programmable
Requires installation of button bezel kit (included)

Wireless

RF Transceiver: “Wi-Fi friendly” 2.4 GHz spread spectrum 2-way RF (2400 to 2483 MHz)
Range: 3 to 150 feet min/max indoor, 1000 feet outdoor
TPS-RFGWX RF Gateway required
(maximum 15 touchpanels per gateway)

Processor

CPU: 32-bit Freescale ColdFire® Microprocessor

Memory

DRAM: 8 MB
Flash: 4 MB
Maximum Project Size: 3 MB

Graphic Engine

Isys engine, 16-bit non-palette graphics; 65,536 colors; Synapse image rendering algorithm; multi-mode objects; animation

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 supply sold separately)
Cresnet Upload: (1) 3.5 mm mini TRS phone jack
Connects to Cresnet control network while uploading only

Battery

Model/Type: ST-BTPN battery pack, NiMH, 4.8 Volt, 4100 mAh
Usage per Charge: ~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

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
(PW-1215 power supply sold separately)
Docking Assembly (DA-1700CW included):
34 Watts Cresnet Power Usage (1.42 Amps @ 24 Volts DC)

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 with metal docking plate

Dimensions

Height: 3.85 in (9.78 cm)
Width: 8.75 in (22.23 cm)
Depth: 5.51 in (14.00 cm)

Weight

1.85 lbs (0.84 kg) – not including battery or docking assembly

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

DA-1700CW
Docking Assembly

BB-1700CW
Back Box

ST-BTPN
Battery Pack

1700C-BTNB-BEZELS-BLANK
Button and Bezel Kit (engraving sold separately)

AVAILABLE ACCESSORIES

- | | | | |
|-----------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------|
| ▶ TPS-RFGWX
2-Way Spread Spectrum
RF Gateway | ▶ 1700C-BTNB
Set of 10 Black Button Caps
with Engraving | ▶ 1700C-BTNS
Set of 10 Silver Button Caps
with Engraving | ▶ ST-PK
Programming Cable Kit |
| ▶ PW(I)-1215
12 Volt Power Pack | | | |

SmarTouch™ 2-Way Wireless Touchpanel with Wall Mount **STX-1700CW**

The STX-1700CW is a stylish and compact 2-way wireless touchpanel featuring a brilliant 5.7" active matrix touchscreen, optional pushbuttons and in-wall docking station. Reliable RF communications and Isys color graphics combine to deliver outstanding touchpanel performance with the added combination of portable wireless and wired wall mount versatility.

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

2-Way RF Wireless with Roaming—With an indoor range of 50 feet using a single STRFGWX RF gateway (sold separately), the STX-1700CW is excellent for small, single room applications, and for roaming applications utilizing multiple gateways. Bidirectional communication supports true-feedback and dynamic text capability to enable display of all kinds of data – from system power status and audio settings to digital media playlists, satellite radio program guides, alert messages, room temperature, lighting levels, and much more.

Isys®—The powerful Isys engine produces astonishing 16-bit full-color graphics with lightning-fast performance and incredible versatility. The 32-bit Freescale ColdFire® microprocessor combines with an ingenious and ultra efficient operating system to support high-resolution graphics and images, dynamic text, animations, multimode objects, subpages, and more.

Synapse™—Crestron's exclusive Synapse Image Rendering Algorithm enables system programmers to produce amazing graphics – faster and easier. Advanced antialiasing delivers crisper, sharper objects and text. Enhanced 3D effects add new depth and style. And because Synapse is native to the touchpanel, memory requirements and upload time are substantially reduced.

Quick-Touch Pushbuttons—The STX-1700CW includes a button bezel kit which may be installed to provide ten tactile pushbuttons for quick-touch access to frequently used commands. In standby, the pushbuttons may be operated without waking the touchscreen for extended battery life. Custom engraving of the pushbuttons may be attained using Crestron Engraver software.



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.

In-Wall Docking Station—When docked, the STX-1700CW operates as a wired touchpanel with a direct connection to the Cresnet network. The docking assembly also provides operating power to the touchpanel while simultaneously charging the battery pack. A software-controlled latch secures the touchpanel when docked and is released upon pressing a button or entering a code on the touchpanel. When released, the STX-1700CW switches automatically to wireless operation.

The STX-1700CW ships complete with docking assembly and back box. The backbox includes knockouts to accommodate conduit fittings and is suitable for both pre- and post-construction installation.

- ▶ 2-way RF wireless with roaming capability
- ▶ 5.7" active matrix touchscreen display | 320 x 240 resolution
- ▶ Isys® graphics engine | Synapse™ Image Rendering Algorithm
- ▶ 10 quick-touch pushbuttons (optional) | audible "key click"
- ▶ Long-lasting NiMH batteries | in-wall docking station/charger
- ▶ Lightweight contoured design for tabletop and handheld use

> continued

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wall Mount Wireless Touchpanels

STX-1700CW SmarTouch™ 2-Way Wireless Touchpanel with Wall Mount (continued)

SPECIFICATIONS

Touchscreen Display

Display Type: TFT Active matrix color LCD
Size: 5.7 inch (14.5 cm) diagonal
Aspect Ratio: 4:3 QVGA
Resolution: 320 x 240 pixels
Color Depth: 16-bit, 64k colors
Illumination: Backlit fluorescent
Viewing Angle: ±65° horizontal, +65°/-40° vertical
Touchscreen: Resistive membrane

Buttons

(10) Replaceable engravable buttons, programmable
Requires installation of button bezel kit (included)

Wireless

RF Transceiver: 418 MHz 2-way RF
Range: 3 to 50 feet min/max indoor, 150 feet outdoor
STRFGWX RF Gateway required
(maximum 15 touchpanels per gateway)

Processor

CPU: 32-bit Freescale ColdFire® Microprocessor

Memory

DRAM: 8 MB
Flash: 4 MB
Maximum Project Size: 3 MB

Graphic Engine

Isys engine, 16-bit non-palette graphics; 65,536 colors; Synapse image rendering algorithm; multi-mode objects; animation

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 supply sold separately)

Cresnet Upload: (1) 3.5 mm mini TRS phone jack
Connects to Cresnet control network while uploading only

Battery

Model/Type: ST-BTPN battery pack, NiMH, 4.8 Volt, 4100 mAh
Usage per Charge: ~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

Touchpanel: 18 Watts (1.5 Amps) @ 12 Volts DC
(PW-1215 power supply sold separately)
Docking Assembly (DA-1700CW included):
34 Watts Cresnet Power Usage (1.42 Amps @ 24 Volts DC)

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 with metal docking plate

Dimensions

Height: 3.85 in (9.78 cm)
Width: 8.75 in (22.23 cm)
Depth: 5.51 in (14.00 cm)

Weight

1.85 lbs (0.84 kg) – not including battery or docking assembly

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

DA-1700CW

Docking Assembly

BB-1700CW

Back Box

ST-BTPN

Battery Pack

1700C-BTNB-BEZELS-BLANK

Button and Bezel Kit (engraving sold separately)

AVAILABLE ACCESSORIES

- | | | | |
|-------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------|
| ▶ STRFGWX(I)
RF Gateway | ▶ 1700C-BTNB
Set of 10 Black Button Caps
with Engraving | ▶ 1700C-BTNS
Set of 10 Silver Button Caps
with Engraving | ▶ ST-PK
Programming Cable Kit |
| ▶ PW(I)-1215
12 Volt Power Pack | | | |

SMARTOUCH™ TOUCHPANELS

→ SmarTouch™ Wired Touchpanels

SmarTouch™ Compact Touchpanel **TPS-1700**

The TPS-1700 is a very compact and stylish tabletop touchpanel featuring a brilliant 5.7" active matrix touchscreen and optional pushbuttons. Isys color graphics and a wired Cresnet connection combine to deliver a low-profile, space-efficient control solution with exceptional graphics capabilities and performance.

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

Isys®—The powerful Isys engine produces astonishing 16-bit full-color graphics with lightning-fast performance and incredible versatility. The 32-bit Freescale ColdFire® microprocessor combines with an ingenious and ultra efficient operating system to support high-resolution graphics and images, dynamic text, animations, multimode objects, subpages, and more.

Synapse™—Crestron's exclusive Synapse Image Rendering Algorithm enables system programmers to produce amazing graphics – faster and easier. Advanced antialiasing delivers crisper, sharper objects and text. Enhanced 3D effects add new depth and style. And because Synapse is native to the touchpanel, memory requirements and upload time are substantially reduced.

Quick-Touch Pushbuttons—The TPS-1700 includes a button bezel kit which may be installed to provide ten tactile pushbuttons for quick-touch access to frequently used commands. Custom engraving of the pushbuttons may be attained easily using Crestron Engraver software.

Cresnet®—Cresnet connectivity provides a single-cable connection to the control system, delivering reliable wired performance with fully bidirectional communication to support true-feedback, dynamic text, and animation capabilities.

Portable Tabletop Design—The TPS-1700 features a sleek, contoured design optimized for tabletop use. Its compact size and single cable connection make it easy to disconnect and relocate for portable applications.



- ▶ 5.7" active matrix touchscreen display | 320 x 240 resolution
- ▶ Isys® graphics engine | Synapse™ Image Rendering Algorithm
- ▶ 10 quick-touch pushbuttons (optional) | audible "key click"
- ▶ Cresnet communications | single-cable connection
- ▶ Lightweight contoured design for tabletop and handheld use

SPECIFICATIONS

Touchscreen Display

Display Type: TFT Active matrix color LCD
Size: 5.7 inch (14.5 cm) diagonal
Aspect Ratio: 4:3 QVGA
Resolution: 320 x 240 pixels
Color Depth: 16-bit, 64k colors
Illumination: Backlit fluorescent
Viewing Angle: ±65° horizontal, +65°/-40° vertical
Touchscreen: Resistive membrane

Buttons

(10) Replaceable engravable buttons, programmable
Requires installation of button bezel kit (included)

Processor

CPU: 32-bit Freescale ColdFire® Microprocessor

Memory

DRAM: 8 MB
Flash: 4 MB
Maximum Project Size: 3 MB

Graphic Engine

Isys engine, 16-bit non-palette graphics; 65,536 colors; Synapse image rendering algorithm; multi-mode objects; animation

> continued

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wired Touchpanels

TPS-1700 SmarTouch™ Compact Touchpanel (continued)

Audio

Built-in transducer for "key click" sound

Connectors

NET: (1) 6-pin RJ11 female; Cresnet slave port
Connects to CNRJ11 interface module (included) via 12 foot modular cable provided

Power Requirements

Cresnet Power Usage: 10 Watts (0.42 Amp @ 24 Volts DC)

Environmental

Temperature: 50° to 113°F (10° to 45°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

High impact black/silver injection-molded case

Dimensions

Height: 3.85 in (9.78 cm)
Width: 8.75 in (22.23 cm)
Depth: 5.51 in (14.00 cm)

Weight

1.85 lbs (0.84 kg)

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

CNRJ11

Interface Module

1700C-BTNB-BEZELS-BLANK

Button and Bezel Kit (engraving sold separately)

AVAILABLE ACCESSORIES

▶ **1700C-BTNB**

Set of 10 Black Button
Caps with Engraving

▶ **1700C-BTNS**

Set of 10 Silver Button
Caps with Engraving

SMARTOUCH™ TOUCHPANELS

▶ SmarTouch™ Wired Touchpanels

SmarTouch™ Economical Compact Touchpanel **CT-1550C**

The CT-1550 is a low-cost tabletop touchpanel featuring a 5.7" passive matrix color touchscreen in a stylish and compact portable design. ColorTouch™ graphics and a wired Cresnet connection combine to deliver a reliable, space-efficient touchpanel control solution.

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

Cresnet®—Cresnet connectivity provides a single-cable connection to the control system, delivering reliable wired performance with fully bidirectional communication to support true-feedback, dynamic text, and animation capabilities.

Portable Tabletop Design—The CT-1550 features a sleek, contoured design optimized for tabletop use. Its compact size and single cable connection make it easy to disconnect and relocate for portable applications.

- ▶ 5.7" passive matrix touchscreen display
- ▶ 320 x 240 resolution
- ▶ 256 color ColorTouch graphics
- ▶ Audible "key click"
- ▶ Cresnet communications
- ▶ Single-cable connection
- ▶ Lightweight contoured design for tabletop and handheld use

SPECIFICATIONS

Touchscreen Display

Display Type: Passive matrix color LCD
Size: 5.7 inch (14.5 cm) 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
Touchscreen: Resistive membrane

Memory

Flash: 1 MB
Maximum Project Size: 768 kB



Graphic Engine

ColorTouch™ 256 colors

Audio

Built-in transducer for "key click" sound

Connectors

NET: (1) 6-pin RJ11 female; Cresnet slave port
Connects to CNRJ11 interface module (included) via 12 foot modular cable provided

Power Requirements

Cresnet Power Usage: 8 Watts (0.34 Amp @ 24 Volts DC)

Environmental

Temperature: 50° to 113°F (10° to 45°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

High impact black/silver injection-molded case

Dimensions

Height: 3.69 in (9.37 cm)
Width: 8.75 in (22.23 cm)
Depth: 5.42 in (13.77 cm)

Weight

1.85 lbs (0.84 kg)

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

CNRJ11

Interface Module

BUTTON AND BEZEL KITS

1700C-BTNB-BEZELS Button Bezel Kit - Black Buttons

The 1700C-BTNB-BEZELS is a button bezel kit used to add ten pushbuttons to any 1700 model touchpanel. Includes (10) black engravable pushbuttons, (2) membrane switches, and front bezel with button holes. Engraving is included. For a replacement set of pushbuttons with engraving, order the 1700C-BTNB for black buttons or 1700C-BTNS for silver buttons.



1700C-BTNS-BEZELS Button Bezel Kit - Silver Buttons

The 1700C-BTNS-BEZELS is a button bezel kit used to add ten pushbuttons to any 1700 model touchpanel. Includes (10) silver engravable pushbuttons, (2) membrane switches, and front bezel with button holes. Engraving is included. For a replacement set of pushbuttons with engraving, order the 1700C-BTNB for black buttons or 1700C-BTNS for silver buttons.



BUTTON AND BEZEL KITS

1700C-BTNB Black Replacement Buttons for 1700 Touchpanels

The 1700C-BTNB is a replacement set of (10) black engravable buttons for any 1700 model touchpanel that is already equipped with the button bezel kit. Engraving is included.



1700C-BTNS Silver Replacement Buttons for 1700 Touchpanels

The 1700C-BTNS is a replacement set of (10) silver engravable buttons for any 1700 model touchpanel that is already equipped with the button bezel kit. Engraving is included.



DOCKING STATION

ST-DSN Docking Station for SmarTouch™ " Wireless Touchpanels

The ST-DSN Docking Station is a microprocessor based battery charger for Crestron SmarTouch wireless touchpanels. The docking station design facilitates fast recharging of the ST-BTPN battery pack while it is installed in the touchpanel. The ST-DSN also provides operating power to the touchpanel while the battery is recharging. LED indicators clearly show charging status.

For ultimate flexibility, the ST-DSN also supports recharging of a standalone ST-BTPN while it is not installed in a touchpanel. This makes it possible to keep one battery pack charged while another is in use.

The ST-DSN includes a PW-1215 power supply, which is ordinarily used to power the docking station but may alternately be connected directly to the DC power jack on the touchpanel itself.



SPECIFICATIONS

Connectors

Power: (1) 2.5mm barrel DC power jack
12 Volt DC power input (PW-1215 power supply included)

LED Indicators

Power (Logo): (green) Indicates 12 Volts DC from power supply
CHG: (red) Indicates battery charging status
RDY: (green) Indicates battery is fully charged

Power Requirements

Docking Station/Charger:
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PW-1215 included): 120 Volts AC @ 60Hz

Environmental

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

Enclosure

High impact black injection-molded case

Dimensions

Height: 0.935 in (2.375 cm)
Width: 6.715 in (17.056 cm)
Depth: 6.765 in (17.183 cm)

Weight

15.8 oz (0.49 kg) – not including power supply

INTERNATIONAL VERSION (230 VAC)

STI-DSN

All the features and specifications of the ST-DSN except:

Power Requirements

Docking Station/Charger:
18 Watts (1.5 Amps) @ 12 Volts DC
Power Supply (PWI-1215 included): 230 Volts AC @ 50Hz

INCLUDED ACCESSORIES

PW(I)-1215
12 Volt Power Pack

BATTERY PACK

ST-BTPN Battery Pack for SmarTouch™ Wireless Touchpanels

The ST-BTPN is a high-performance NiMH (Nickel Metal Hydride) rechargeable battery pack for Crestron SmarTouch wireless touchpanels. The battery pack is easily installed and removed without tools from the bottom panel of the touchpanel. One (1) ST-BTPN is included with each SmarTouch wireless touchpanel. Additional spares or replacements may be purchased individually.



SPECIFICATIONS

General

Output Voltage: 4.8 Volts DC nominal
Capacity: 4100 mAh fully charged
Composition: Nickel-metal hydride (NiMH)
Estimated Life: 500 charging/discharging cycles
Charging Time: 2.7 to 6 hours (depending upon touchpanel use while charging)
Docking Station/Charger: ST-DSN (sold separately)

Environmental

Operating Temperature: ~ 50° to 104° F (10° to 40° C)
Charging Temperature: ~ 50° to 95° F (10° to 35° C)
Storage Temperature: ~ -4° to 113° F (-20° to 45° C)

Dimensions

Height: 1.16 in (2.94 cm)
Width: 4.25 in (10.78 cm)
Depth: 2.28 in (5.79 cm)

Weight

0.79 lb (0.36 kg)

WALL MOUNT DOCKING ASSEMBLY

DA-1700CW Wall Mount Docking Assembly

The DA-1700CW Docking Assembly is a wall mounted microprocessor based battery charger designed specifically for the STX-1700CW and STX-1700CPW wireless touchpanels. When docked in the DA-1700CW, the touchpanel operates as a wired touchpanel with a direct connection to the Cresnet network. The docking assembly also provides operating power to the touchpanel while simultaneously charging the battery pack. A software-controlled latch secures the touchpanel into the docking assembly, and is released upon pressing a button or entering a code on the touchpanel.

One DA-1700CW is included with the STX-1700CW or STX-1700CPW. Additional units may be installed to provide multiple docking locations. Installation of each DA-1700CW requires one BB-1700CW back box.



SPECIFICATIONS

Connectors

NET: (1) 4-pin 5mm detachable terminal block
Cresnet slave port, connects to Cresnet control network

Power Requirements

Cresnet Power Usage: 34 Watts
(1.42 Amps @ 24 Volts DC) including touchpanel

Environmental

Temperature: 50° to 113° F (10° to 45° C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Black metal assembly with electrically operated latching mechanism

Dimensions

Height: 6.51 in (16.54 cm)
Width: 5.57 in (14.14 cm)
Depth: 3.56 in (9.05 cm)

Weight

3.21 lbs (1.46 kg)

WALL MOUNT DOCKING ASSEMBLY

BB-1700CW Back Box for DA-1700CW

The BB-1700CW is the recess-mounted steel enclosure required for installing the DA-1700CW touchpanel docking assembly. The BB-1700CW is suitable for both pre- and post-construction applications, and includes knockouts to accommodate conduit fittings. One BB-1700CW is included with the STX-1700CW or STX-1700CXPW wireless touchpanel.

SPECIFICATIONS

Enclosure

Metal recessed wall mount

Dimensions*

Height: 6.63 in (16.85 cm)

Width: 5.99 in (15.21 cm)

Depth: 3.75 in (9.53 cm)

**Dimensions shown do not include mounting/support brackets and are not intended as cutout dimensions. Consult the installation manual for complete mounting instructions.*



RF GATEWAYS

TPS-RFGWX 2.4 GHz Spread Spectrum 2-Way RF Gateway

The TPS-RFGWX gateway is an RF transceiver that allows Crestron 2.4 GHz 2-way wireless touchpanels to communicate with the control system via the Cresnet network. Crestron's "Wi-Fi friendly" spread spectrum technology permits selection from 10 possible bands within the 2.4 GHz spectrum to minimize the possibility of interference with non-Crestron RF equipment including all 802.11 devices. The TPS-RFGWX affords a range of approximately 150 feet indoors and up to 1000 feet outdoors.



SPECIFICATIONS

Wireless

RF Transceiver: "WiFi friendly" 2.4 GHz spread spectrum 2-way RF (2400 to 2483 MHz)

RF Transmitting Power: 100 mW

Range: 3 to 150 feet min/max (typical indoor), 1000 feet outdoor

Maximum 15 touchpanels per gateway

Connectors

NET: (2) 6-pin RJ11 female, Cresnet slave port
Connects to Cresnet control network
All NET connectors paralleled

NET: (1) 4-pin 5mm detachable terminal block
Cresnet slave port; connects to Cresnet control network
All NET connectors paralleled

LED Indicators

PWR: (green) Indicates 24 Volts DC power supplied from Cresnet control network

NET: (yellow) Indicates communication with the Cresnet system

SIG: (red) Indicates communication with a valid RF signal

Rx: (red) Indicates when a command is received from a touchpanel

Tx: (red) Indicates when feedback is transmitted to a touchpanel

Power Requirements

Cresnet Power Usage: 3 Watts
(0.125 Amps @ 24 Volts DC)

Environmental

Temperature: 41° to 113° F (5° to 45° C)

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

Enclosure

Black metal, freestanding

Dimensions

(Without antenna)

Height: 1.70 in (4.32 cm)

Width: 7.07 in (17.95 cm)

Depth: 6.32 in (16.06 cm)

Weight

2.38 lbs (0.93 kg)

RF GATEWAYS

STRFGWX 418 MHz 2-Way RF Gateway

The STRFGWX gateway is an RF transceiver that allows Crestron 418 MHz 2-way wireless touchpanels to communicate with the control system via the Cresnet network. Each STRFGWX affords a range of approximately 50 feet indoors and up to 150 feet outdoors. Extended range can be achieved by distributing multiple gateways (up to 16 per control system) throughout a structure.

SPECIFICATIONS

Wireless

RF Transceiver: 418 MHz 2-way RF

Range: 3 to 50 feet min/max (typical indoor), 150 feet outdoor

Maximum 15 touchpanels per gateway

Connectors

NET: (2) 6-pin RJ11 female, Cresnet slave port
Connects to Cresnet control network
All NET connectors paralleled

NET: (1) 4-pin 5mm detachable terminal block,
Cresnet slave port, connects to Cresnet control network
All NET connectors paralleled

12VDC: (1) 2.5mm barrel DC power jack
12 Volt DC power input (PW-1205 power supply included)

LED Indicators

PWR: (green) Indicates 24 Volts DC power supplied from Cresnet control network

NET: (yellow) Indicates communication with the Cresnet system

SIG: (red) Indicates communication with a valid RF signal

Rx: (red) Indicates when a command is received from a touchpanel

Tx: (red) Indicates when feedback is transmitted to a touchpanel

Power Requirements

12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC

Power Supply (PW-1205 included): 120 Volts AC @ 60Hz

Cresnet Power Usage: 3 Watts (0.125 Amp @ 24 Volts DC) with no power supply connected to the 12VDC connector



Environmental

Temperature: 41° to 113° F (5° to 45° C)

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

Enclosure

Black metal, freestanding, attached antenna

Dimensions

(Without antenna)

Height: 1.70 in (4.32 cm)

Width: 7.07 in (17.95 cm)

Depth: 6.32 in (16.06 cm)

Weight

2.10 lbs (0.95 kg)

INTERNATIONAL VERSION (230 VAC)

STRFGWXI

All the features and specifications of the STRFGWX except:

Power Requirements

12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC

Power Supply (PW-1210RU): 230 Volts AC @ 50Hz

Cresnet Power Usage: 3 Watts (0.125 Amp @ 24 Volts DC) with no power supply connected to the 12VDC connector

INCLUDED ACCESSORIES

PW-1205 (or PW-1210RU)

12 Volt Power Pack

RF GATEWAYS

CNRFGWA 1-Way RF Gateways

The CNRFGWA is an RF receiver that allows Crestron 1-way RF wireless touchpanels and handheld remotes to communicate with the control system via the Cresnet network. Each CNRFGWA affords a range of approximately 300 feet. Extended range can be achieved by distributing multiple gateways throughout a structure. Each gateway behaves as a Cresnet slave device requiring just one Cresnet wire to each gateway location.

Two CNRFGWA models are available, the CNRFGWA and the CNRFGWA-418. The CNRFGWA is compatible with Crestron devices that transmit 1-way RF at 434 MHz only. For 418 MHz 1-way devices, use the CNRFGWA-418. For installations employing both 434 MHz and 418 MHz devices, both gateway models must be installed.

Note: CNRFGWA gateways are only compatible with Crestron 1-way RF devices.

AVAILABLE MODELS

CNRFGWA
434 MHz 1-Way RF Gateway

CNRFGWA-418
418 MHz 1-Way RF Gateway

SPECIFICATIONS

Wireless

RF Receiver: 433.92 (434) or 418 MHz 1-way RF, crystal locked
Range: Up to 300 feet
Maximum 15 touchpanels or 240 handheld remotes per gateway;
Minimum distance allowed between gateways is 50 feet

Connectors

NET: (1) 4-pin 5mm detachable terminal block
Cresnet slave port, connects to Cresnet control network

ANTENNA: (1) BNC female
Impedance: 50 ohms (antenna included)

Controls

ID CODE: (2) Rotary DIP Switches
Used for setting the unit's Cresnet ID



LED Indicators

SIGNAL: (red) Indicates reception of a valid RF signal
I.D. SELECT: (red) Indicates communication established with control system
NET PWR: (green) Indicates 24 Volts DC power supplied from Cresnet control network

Power Requirements

Cresnet Power Usage: 3 Watts
(0.125 Amps @ 24 Volts DC)

Environmental

Temperature: 41° to 113° F (5° to 45° C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Black metal, freestanding

Dimensions

Height: 7.28 in (18.49 cm) without antenna
Height: 15.20 in (38.61 cm) with antenna
Width: 3.25 in (8.25 cm)
Depth: 1.35 in (3.44 cm)

Weight

1.1 lbs (0.5 kg)

AVAILABLE ACCESSORIES

CNANT

High-performance extension antenna

RF GATEWAYS

CNANT High-Performance Extension Antenna

The CNANT is a high performance indoor antenna designed to surpass the performance of the standard antenna supplied with Crestron 1-way RF gateways such as the CNRFGWA, CNRFGWA-418, and MC2W. Its ground plane design and omni-directional reception pattern afford extended range in all directions. The CNANT may be mounted anywhere indoors within fifteen feet of the gateway, or up to fifty feet using a longer cable (not included).

SPECIFICATIONS

RF Performance

Frequency Range: 400 - 440 MHz

Gain: Unity

Reception Pattern: Omnidirectional

Connectors

Antenna: (1) BNC female, 15 ft (4.57 m) BNC cable included
Impedance: 50 ohms

Dimensions

Height: 21.5 in (54.61 cm)

Width: 13.5 in (34.29 cm)

Depth: 13.5 in (34.29 cm)

Weight

0.51 lb (1.12 kg) without cable



IR GATEWAYS

C2N-IRGW-1G IR Gateway, Wall Mount

The C2N-IRGW-1G IR Gateway is a 1-way infrared receiver for Crestron IR wireless handheld remotes and touchpanels. It is also compatible with third-party IR remotes utilizing the RC5 command set.

The C2N-IRGW-1G is designed to fit in a 1-gang electrical box using a Decora® style faceplate (not included). Its entire visible face consists of a smoked plastic lens providing a neutral appearance suitable for use with any color scheme. The C2N-IRGW-1G is a Cresnet device compatible with any 2-Series control system.



SPECIFICATIONS

IR Wireless

IR Frequency: 36 to 38 kHz IR

Formats: Crestron format, RC5

Range: Up to 50 ft line of sight (typical), dependent upon angle, obstructions, IR interference, and IR remote signal strength

Connectors

NET: 4-pin 3.5mm detachable terminal block
Cresnet slave port, connects to Cresnet control network

LED Indicators

(1 red) Indicates IR signal reception, Cresnet network communication, and setup/update functions

Controls

(1) Recessed miniature pushbutton for setup

Power Requirements

Cresnet Power Usage:

1 Watt (0.042 Amps @ 24 Volts DC)

Environmental

Temperature: 41° to 104°F (5° to 40°C)

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

Enclosure

Injection-molded plastic with smoked plastic face, 1-gang mountable in an electrical box using Decora® faceplate (not included)

Dimensions (Without Faceplate)

Height: 4.13 in (10.48 cm)

Width: 1.75 in (4.45 cm)

Depth: 1.37 in (3.45 cm)

Weight

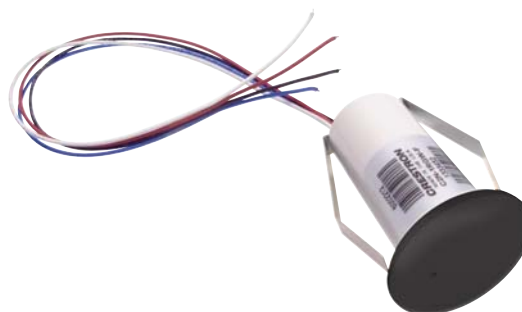
2.4 oz (68 g)

IR GATEWAYS

C2N-IRGW-F IR Gateway, Flush Mount

The C2N-IRGW-F IR Gateway is a 1-way infrared receiver for Crestron IR wireless handheld remotes and touchpanels. It is also compatible with any third-party IR remote utilizing the RC5 command set.

The C2N-IRGW-F is designed to install flush into any drywall or ceiling tile surface. Its visible face consists of a smoked plastic lens measuring 1-1/2 inch diameter. The C2N-IRGW-F is a Cresnet device compatible with any 2-Series control system.



SPECIFICATIONS

IR Wireless

IR Frequency: 36 to 38 kHz IR

Formats: Crestron format, RC5

Range: Up to 50 ft line of sight (typical), dependent upon angle, obstructions, IR interference, and IR remote signal strength

Connections

~10 inch (~25 cm) 4-wire pigtail

Connects to Cresnet control network

LED Indicators

(1 red) Indicates IR signal reception, Cresnet network communication, and setup/update functions

Controls

(1) Recessed miniature pushbutton for setup

Power Requirements

Cresnet Power Usage: 1 Watt (0.042 Amps @ 24 Volts DC)

Environmental

Temperature: 41° to 104°F (5° to 40°C)

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

Enclosure

Cylindrical plastic, drywall or ceiling tile mountable in a 1 inch (2.54 cm) diameter round hole

Dimensions

Diameter: 1.50 in (3.81 cm)

Depth: 2.19 in (5.54 cm)

Weight

0.9 oz (25.52 g)

IR RECEIVER

CNXRMIRD IR Receiver

The CNXRMIRD is an optional infrared (IR) receiver designed for use with a control system or room solution box that includes an IR input port. The CNXRMIRD affords cost-effective control from any Crestron or third-party universal IR remote transmitting RC5 commands at 38 kHz.



SPECIFICATIONS

IR Wireless

IR Frequency: 38 kHz IR

Format: RC5

Range: Up to 50 ft line of sight (typical), dependent upon angle, obstructions, IR interference, and IR remote signal strength

Connectors

(1) Attached 6 ft (1.83 m) long cable with 3.5 mm mini phone plug (male) for connection to a Crestron IR IN port, extendable up to 500 feet;
(Not compatible with ST-SPL or ST-MB)

Environmental

Temperature: 41° to 104°F (5° to 40°C)

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

Enclosure

Black plastic cube

Dimensions

Height: 1.0 in (2.54 cm)

Width: 1.0 in (2.54 cm)

Depth: 1.0 in (2.54 cm)

Weight

2.4 oz (68.0 g) without cable

POWER SUPPLIES

12 Volt Power Packs

Crestron 12 Volt power packs are designed to provide 12 Volts DC to power various wireless touchpanels, battery chargers, gateways, Cresnet expansion modules, and other Crestron products.

AVAILABLE MODELS

US (120 Volts AC, 60 Hz)

PW-1205

Wall-Mounted Power Pack 12VDC, 0.5A

PW-1210

Wall-Mounted Power Pack 12VDC, 1A

PW-1215

Wall-Mounted Power Pack 12VDC, 1.5A

International (230 Volts AC, 50 Hz)

PW-1210RU

Desktop Power Pack 12VDC, 1A Regulated

PWI-1215

Desktop Power Pack 12VDC, 1.5A

INTERFACE MODULES

CNRJ11 4-Wire Terminal Block to RJ11 Cresnet Converter

The CNRJ11 is a 1-to-1 converter used to adapt between a standard 4-wire Cresnet cable and a modular Cresnet cable. One 4-pin connector and one 6-pin RJ11 jack are provided, wired in parallel. A single CNRJ11 is included with each SmarTouch wired touchpanel.



SPECIFICATIONS

Connectors

NET: (1) 4-pin 5mm detachable terminal block
Connects to standard 4-wire Cresnet cables

NET: (1) 6-pin RJ11 female
Connects to RJ11 modular Cresnet cables

LED Indicators

PWR: (Green) indicates that 24VDC Cresnet power is present

Enclosure

Black metal, surface mount box with (2) integral mounting flanges

Dimensions

Height: 1.24 in (3.14 cm)

Width: 3.25 in (8.26 cm)

Depth: 2.00 in (5.08 cm)

Weight

0.3 lb (0.15 kg)

INTERFACE CABLES

ST-PK Programming Cable Kit

The ST-PK is a programming cable kit for SmarTouch™ wireless touchpanels and most Isys® touchpanels. It is used only for loading touchpanel files, updating firmware, and configuring the touchpanel prior to operation. The ST-PK may also be used to update firmware and adjust the digital audio signal processing in Crestron's 7.1 surround sound processors and room solution boxes.

SPECIFICATIONS

Cables

3.5mm to RJ11 Cable Assembly (CNSP-585)

Provides connection between a SmarTouch wireless touchpanel and the control processor via a RJ11 Cresnet port; may require an additional CNRJ11, ST-CNB, or C2N-HBLOCK accessory.

RJ11-to-RJ11 Cable plus RJ11-to-DB9F Adapter (STCP-502)

Provides connection between an Isys touchpanel, surround processor, or room solution box RS-232 port and PC COM port.



Notes
