

Isys i/O™ WiFi & Handheld Remotes overview

"Complete control in the palm of your hand!"

It's been said many times before but never been truer. Today's WiFi touchpanels and handheld remotes from Crestron represent the state-of-the-art in compact wireless control employing bright color touchpanels, alphanumeric LCD displays, electroluminescent backlighting, and a variety of tactile controls. Ergonomics are optimized to provide greater comfort and more intuitive operation, transforming the handheld device into a natural extension of the human body.

With 35+ years of control system know how, it's a given that Crestron handhelds and WiFi touchpanels are leaps and bounds beyond the common "universal learning remote". Crestron's control technology and software tools afford infinite programmability to suit any application, going beyond conventional home theater and AV system control, extending domain over lighting, climate, security, and more.

The much heralded **TPMC-8X Isys i/O WiFi Touchpanel** marries wireless touchpanel control with mobile computing in an alluring and ergonomic design that's perfect for home or office. The TPMC-8X actually runs on a Windows® XP

Embedded platform, enabling Web browsing, streaming media, and Voice-over-IP all within the Crestron touchpanel environment! The smaller **TPMC-4X Isys i/O Handheld WiFi Touchpanel** provides true 2-way touchpanel control complete with wireless video in a sleek, handheld form factor.

The **MT-1000C MiniTouch** employs a compact color touchscreen in a smart, stylish handheld package offering a choice of 1-way RF or IR communications. The ergonomic **ML-600 MiniLCD** features an intuitive button layout specialized for AV/Home Theater control and display of custom menus containing input sources, TV channels, radio stations, or even lighting and climate control functions.

Leave it to Crestron to create the **WPR-48 Waterproof Handheld Remote**. The "remote on a rope" is completely immersible, providing control where no remote has gone before. And, Crestron's offering is rounded out by the straightforward **CNRFHTR RF Handheld Remote**, employing a variable layout of up to 30 multi-colored pushbuttons and engravable faceplate.

Isys i/O WiFi Touchpanels and Handheld Remotes



Isys i/O™ WiFi & Handheld Remotes cross reference

	Isys i/O WiFi		MiniTouch	Handheld Remotes		
	TPMC-8X 8.4" WiFi Touchpanel	TPMC-4X Handheld WiFi Touchpanel	MT-1000C MiniTouch	ML-600 MiniLCD	WPR-48 Waterproof Remote	CNRFHT RF Handheld Remote
Display						
Display Type	TFT Active Matrix Color Touchscreen	TFT Active Matrix Color Touchscreen	TFT Active Matrix Color Touchscreen	Backlit LCD		
Display Size	8.4"	3.5"	3.8"	2.1" H x 1.4"W		
Resolution	800 x 600 SVGA	240 x 320 QVGA (portrait)	320 x 240 QVGA	5 characters per 10 labels +4char. each for group/page		
Color Depth	18-bit 262k Colors	16-bit 64k Colors	16-bit 64k Colors	Monochrome		
Buttons & Controls						
Programmable Hard Buttons	2	9	11	32	9 Rocker Type Up to 48 functions	CNRFHT-15: Up to 15 CNRFHT-30: Up to 30
Softkey Pushbuttons	4	4		10		
Thumb Pad	5-Way	5-Way	5-Way	5-Way		
3-Way Toggle Wheel		•				
Biometric Fingerprint Scanner	•					
Button Backlighting		•	•	•	Backlit Label Inlay	
Touchpanel Graphics						
Color Depth	16-bit 64k	16-bit 64k	16-bit 64k			
Synapse Image Rendering	•	•	•			
Multimode Objects	•	•				
True Feedback, Dynamic Text, & Animation	•	•				
Dynamic Graphics & PNG Translucency	•	•				
Dynamic Menu Objects	•					
Memory						
Ram	512MB	64MB	16MB			
Flash	1GB	32MB				
Memory Card Slot	Up to 4GB					
Maximum Project Size	190MB	12MB	16MB			
Embedded PC						
Operating System	Windows XP Embedded	Windows CE .NET 4.2				
Web Browser, Media Player, Remote Desktop, VoIP, NetMeeting, Yahoo! Widgets, MS Office Document Viewers, & Adobe Acrobat Reader ¹	•					
Keyboard/Mouse	USB, Bluetooth, onscreen	onscreen				
Video						
Streaming via Media Player	•					
Streaming MJPEG	•	•				
Audio						
Integrated Speakers & Microphone	•					
WAV Sound File Audio Feedback	•		•			
Wireless						
2-Way Wi-Fi RF via 3rd-party 802.11x WAP	802.11a/b/g	802.11b				
1-Way RF 418 MHz via CNRFGWA-418 or MC2W			•	•	•	
1-Way RF 434 MHz via CNRFGWA or MC2W					•	•
1-Way IR 38 kHz RC5 via C2N-IRGW or CNXRMIIRD			•	•	•	
1-Way IR 455 kHz via CN-TVAV					•	
Batteries						
Lithium-Polymer Rechargeable						
Lithium-Ion Rechargeable	•	•	•		•	
External Battery Option	•					
Disposable				AAA (x4)		9 Volt (x1)
Docking Station						
Desktop Docking Station	• ²	•	•		•	

¹ See product spec for a complete list of embedded applications

² Accessory sold separately

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

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