

## ▶▶ PMC2 Prodigy™ Media Controller



## Specifications

The Prodigy PMC2 is a powerful and cost-effective control processor, designed by Crestron to provide a very easy solution for controlling a complete home theater system and enabling sophisticated home automation capabilities. Watch movies, listen to music, adjust lights and thermostats; the PMC2 integrates the controls and equipment together, providing intuitive features to make it easy to use and enjoy every day.

### Control at Home or Away

Crestron pioneered the world's first Ethernet control system, and Prodigy takes full advantage of that expertise to deliver remote control, monitoring, and programming over the home LAN, the Internet—even a wireless phone network!

- ▶ From any Web browser, or using the Apple® iPhone™ or iPod touch®, Prodigy lets you turn off the kitchen lights from your office desktop, check the security system or temperature from your favorite café, and receive an email alert when the kids get home from school
- ▶ Connect multiple touchpanels and remotes for convenient in-house control

### Quick Install

Whole-house automation can be easily enabled without having to run new control wire.

- ▶ With the simple connection of a Prodigy Wireless Gateway, the PMC2 can support numerous remotes, dimmers, switches and thermostats
- ▶ Other home automation features such as interfacing to a security system can be managed right through the home LAN

### Fast, Easy Setup

Setting up a Prodigy system is incredibly fast and easy using Prodigy Composer software.

- ▶ Without any special knowledge, a fully functioning home theater with whole-house lighting and climate control can be configured in mere minutes
- ▶ Prodigy third-party device drivers are impeccably written and tested to ensure a problem-free user experience without any tweaking
- ▶ Prodigy Composer makes it easy to customize functionality and personalize touchpanels through intuitive drag-and-drop programming

### Beyond the Universal Remote

Prodigy Handheld Remotes provide stylish devices for controlling the entire home theater and automation system.

- ▶ Dynamic menus and scrolling lists of channels, media titles, radio stations, source selection, room lighting and temperature appear right on the remote
- ▶ Remotes can be used with the PMC2 at distances of up to 100' away, even through walls; add P-RFEXP to extend range

### The Elegant Touch Made Affordable

Prodigy touchpanels provide the ultimate in customizable touchscreen control for the home theater and entire house at a remarkably affordable cost.

- ▶ Complete control over lighting, security, audio, temperature and other functions, all through a single compact device that fits in the space of a light switch

### A Control Solution for Every Budget

Now the innovation, flexibility and reliability of Crestron automation is available in an economical package.

- ▶ Replace a table full of remotes with one integrated package
- ▶ Control lights, temperature, media and more

### Key features

- ▶ Supports touchpanels, remotes, keypads, thermostats, dimmers and switches
- ▶ Supports Web based control from PCs, laptops and mobile device

### Wireless

**RF Transceiver:** 2-way RF, 2.4 GHz ISM channels 11-26 (2400 to 2483.5 MHz), default channel 15; IEEE 802.15.4 compliant

**Range (typical):** 100' indoor, subject to site-specific conditions

**RF Transmit Power:** 3.84 mW

### Ethernet

10BaseT/100BaseTX, auto-negotiating, full/half duplex, static IP or DHCP/DNS, SSL, TCP/IP, CIP, SMTP; built-in e-Control® Web server and email client

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### Connectors

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**Relay 1-2:** Detachable terminal block with (2) relay control outputs for screen, lift, shades, fireplace, etc.

Rated 1 Amp, 30 Volts AC/DC  
MOV arc suppression across contacts

**Input 1 - 2:** Detachable terminal block with (2) digital or analog control inputs for sensing logic signals, contact closures, occupancy sensors or photocells:

Digital Logic Threshold: 1.25 Volts DC  
Analog Input Range: 0-10 Volts DC  
Rated 0-24 Volts DC

**IR 1 - 5:** (5) Mini phone jack IR/serial control outputs for STIRP IR Emitter probes (included): IR frequency: up to 1.2 MHz; 1-way TTL/RS-232 (0-5 Volts) up to 115.2k baud

**IR IN:** (Future)

**COM 1 - 2:** (2) Detachable terminal block bidirectional RS-232 control ports Supports up to 115.2k baud with software handshaking

**LAN:** RJ45 10BaseT/100BaseTX Ethernet port  
Green LED indicates link status  
Yellow LED indicates Ethernet activity

**Computer:** USB Type B computer console port (cable included)  
Connects to computer for setup and programming

**NET:** Detachable terminal block (communications port) for external RF gateway

**24VDC 0.7A:** DC power input for PW-2407W power supply (included)

**Antenna (front):** Connection for supplied antenna (included)

### Control and Indicators

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**PWR:** Green power LED indicates operating power supplied from external power pack

**HW-R:** Hardware reset button reboots the system

**SW-R:** Software reset button restarts the program

**Acquire:** Pushbutton with red LED for setting up wireless connections

**Activity:** Red LED indicates wireless communications

### Power Requirements

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**PMC2:** 18 Watts (0.75 Amps) @ 24 Volts DC from PW-2407W power supply (included)

**PW-2407W (included):** 100-240 Volts AC, 50/60 Hz

### Environmental

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

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

### Dimensions

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**Height:** 2.04 in (5.17 cm)

**Width:** 8.00 in (20.32 cm)

**Depth:** 6.65 in (16.87 cm) including antenna

### Weight

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31.54 oz (0.89 kg)

### Included Accessories

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**PLX2:** Wireless Handheld Remote

**PW-2407W:** Power Pack

**STIRP:** (5) IR Emitter Probes

\* Only compatible Prodigy equipment is supported on the Prodigy control network.