



## Key Features

- Supports Virtual Panel and RTIPanel Apps.
- Supports same two-way drivers used by XP6/XP8.
- Powerful 32bit, 533MHz CPU.
- 128Mb of non-volatile Flash memory stores your system configuration even when power is not present.
- One multi-purpose I/O port supports optional RTI power sensing and communications modules.
- Two IR output ports with variable output.
- Two assignable voltage sense inputs.
- Two programmable relay outputs.
- One two-way RS-232 port for bi-directional communication with supported devices.
- Integrated 10/100Base-T Ethernet port for programming, control and two-way communication with compatible devices.
- Integrated 10/100Base-T Ethernet port supports Power-over-Ethernet (POE) Class 3.
- Built-in astronomical clock for time-based events and sleep timers.
- Built-in 2.4GHz ZigBee® RF transceiver module and removable antenna.
- Compatible with industry standard IR emitters and blasters.
- Configurable for communication with non-Ethernet enabled RTI in-wall products and 433MHz wireless controllers.\*
- Programmed using the RTI Integration Designer Software.
- USB 2.0 and Ethernet programming.
- Field upgradable firmware.

## XP-3 Control Processor

The XP-3 is a powerful remote control processor designed to automate and enhance the operation of electronics in smaller scale residential and commercial installations. With a blazing fast CPU and non-volatile flash memory, the XP-3 improves the whole user experience, providing a much higher degree of control and automation than using a stand-alone remote control. The processor offers a remarkable value with an impressive feature set that is unmatched in its class – including a built-in astronomical time clock for time-based events and support for ZigBee® wireless transmission bi-directional communications with compatible RTI remote controls. The XP-3 delivers rock-solid control and automation of today's sophisticated electronic environments.

## Description

When the XP-3 is incorporated into an RTI control solution, the result is nothing short of exceptional. Boasting a powerful 533MHz CPU and 128MB of non-volatile flash memory, the processor packs a big punch. With a built-in RF transceiver and support for wireless bi-directional communications utilizing robust ZigBee® technology, the XP-3 can provide the user with real-time feedback from supported third-party devices such as music servers, lighting, security, and much more. Now, important data from these devices is available to the user with a simple touch – from current song information to the status of a security system - even the weather forecast!

Unlike simple IR-to-RF converters, the XP-3 stores commands and macros centrally in the processor for more reliable delivery. The XP-3 is loaded with additional features normally reserved for higher-priced processors, such as a built-in astronomical time-clock, Ethernet, RS-232, and relay control. The XP-3 can also be configured to support one-way control via non-Ethernet enabled RTI in-wall products (Ex. RK1/RKM-1/RK2) and 433MHz remote controls.\* The multi-purpose I/O port will accept a standard IR emitter input or can be used with RTI accessory devices to sense equipment power status or communicate via one-way RS-232. Sense inputs can be used to trigger macros or events from other sub-systems in the environment, such as a garage door opener, security system, or any low-voltage trigger. The XP-3 is the ultimate choice for powerful bi-directional control and automation at a moderate price!

Call 952-253-3100

[www.rticorp.com](http://www.rticorp.com)



It's Under Control®

## Specifications

|   |  |
|---|--|
| Power Supply .....                          | +12V DC, 1A  |
| Wireless Networking.....                    | IEEE802.15.4 Zigbee® network compliant                             |
| RF Frequency Range .....                    | 2.4GHz - 2.5GHz  |
| Multi-Purpose Output Port (Port 1).....     | One custom 3.5mm 4-conductor jacks                                 |
| .....                                       | Designed for RTI modules as well as industry-standard IR emitters. |
| IR Output Ports (Ports 2 & 3).....          | Two, 3.5mm jacks   |
| .....                                       | Compatible with industry standard IR emitters                      |
| IR Output Drive.....                        | 100mA maximum (per port, adjustable)                               |
| Infrared Frequency Transmission Range ..... | 15kHz - 460kHz   |
| RS-232 Port.....                            | One, Bi-directional, RJ45 Connection                               |
| Ethernet Port .....                         | One, 10/100Base-T with Power-over-Ethernet (Class 3)               |
| Relays.....                                 | Two, 5 Amps @ 30 VDC or 12V/100mA Trigger                          |
| Sense Inputs.....                           | Two, 3-24VDC   |
| USB Ports.....                              | One, Programming   |
| Mounting.....                               | Wall-mount or free standing  |
| Dimensions (W x H x D).....                 | 7.0" (177mm) x 3.0" (76mm) x 1.0" (25mm)                           |
| Weight .....                                | 6.4 oz. (100g)   |
| Warranty .....                              | One Year (Parts & Labor)   |

\*NOTE: Using a 433MHz RTI remote control requires a separate RM-433 Antenna. Also, while this configuration is possible, it's use should be limited to secondary zones that aren't heavily used (guest rooms, outdoor areas etc). Installations requiring primary control via both Zigbee and 433MHz controllers should use an XP-6 or XP-8 control processor.

All specifications subject to change without notice



## Accessories

|                    |  |
|--------------------|--|
| <b>RM-433</b>      | <b>RF Receiver</b>                       |
| <b>ZM-24</b>       | <b>2.4GHz Zigbee® Transceiver Module</b> |
| <b>CB-8</b>        | <b>Touchpanel Connecting Block</b>       |
| <b>RCM-12</b>      | <b>Relay Control Module</b>              |
| <b>ECB-5</b>       | <b>IR Emitter Connecting Block</b>       |
| <b>vIRsa Mouse</b> | <b>IR Emitter</b>                        |
| <b>CM-232</b>      | <b>RS-232 Communication Module</b>       |
| <b>VPS-1</b>       | <b>Voltage Power Sensor</b>              |



## Other RTI Products

|               |  |
|---------------|--|
| <b>T1-B</b>   | <b>Universal System Controller</b>     |
| <b>M2</b>     | <b>Universal System Controller</b>     |
| <b>T2-B</b>   | <b>Universal System Controller</b>     |
| <b>T2-Cs+</b> | <b>Universal System Controller</b>     |
| <b>T2-C+</b>  | <b>Universal System Controller</b>     |
| <b>T3-V+</b>  | <b>Universal System Controller</b>     |
| <b>T4</b>     | <b>Universal System Controller</b>     |
| <b>U1</b>     | <b>Weather Resistant Controller</b>    |
| <b>U2</b>     | <b>Weather Resistant Controller</b>    |
| <b>RKM-1</b>  | <b>In-Wall Multi-Room Audio Keypad</b> |
| <b>RK1</b>    | <b>In-Wall Keypad Controller</b>       |
| <b>RK2</b>    | <b>In-Wall Touchscreen Controller</b>  |
| <b>RK3-V</b>  | <b>In-Wall Touchscreen Controller</b>  |
| <b>K4</b>     | <b>In-Wall Touchscreen Controller</b>  |
| <b>RK-10</b>  | <b>In-Wall Touchscreen Controller</b>  |
| <b>RP-1</b>   | <b>Remote Control Processor</b>        |
| <b>XP-6</b>   | <b>Remote Control Processor</b>        |
| <b>XP-8</b>   | <b>Advanced Control Processor</b>      |



Integration Designer® Programming Software