# XP-3

Remote Technologies Incorporated


## Accessories

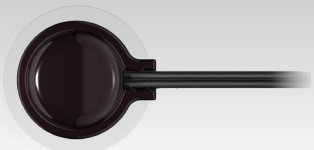
**ESC-2**
*Ethernet to Serial Converter*

**PCM-4**
*Port Control Module*

**RCM-4**
*Relay Control Module*

**IPE-4**
*4-Port IR Port Expander*

**ZM-24**
*2.4GHz Zigbee® Transceiver*



**vIRsa Mouse®**
*Infrared Emitter*

## XP-3
### Control Processor

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 and easy expansion capabilities. 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! The XP-3 is loaded with features normally reserved for higher-priced processors, such as a built-in astronomical clock and control via Ethernet, RS-232, and relays. The XP-3 is the ultimate choice for powerful bi-directional control and automation at a moderate price!

## Key Features

- Supports Virtual Panel and RTiPanel Apps.
- Supports same two-way drivers used by XP6/XP8.
- Powerful 32bit, 533MHz CPU128Mb of non-volatile Flash memory
- 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.
- Configurable for communication with non-Ethernet enabled RTI in-wall products and 433MHz wireless controllers.*
- USB 2.0 and Ethernet programming.
- Field upgradable firmware.

## 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)

*All specifications subject to change without noticeAll Specifications subject to change without notice.*

*NOTE: Using a 433MHz RTI remote control with the XP-3 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-8s control processor.

*XP-3 Control Processor*

## RTI User Interfaces

| | |
|---|---|
| **RTiPanel** | **Mobile Software Interface (App)** |
| **Virtual Panel** | **PC Software Interface (App)** |
| **SURFiR** | **Companion Remote Control** |
| **T1-B+** | **Remote Control** |
| **T2i** | **Remote Control** |
| **T2x** | **Remote Control** |
| **T3x** | **Remote Control** |
| **RKM-1+** | **In-Wall Audio Distribution Keypad** |
| **RK1+** | **2-4-8 Button In-Wall Keypad** |
| **KX2** | **2.8 inch In-Wall Touchpanel Keypad** |
| **KX3** | **3.5 inch In-Wall Touchpanel Keypad** |
| **KX7** | **7 inch In-Wall Touchpanel** |
| **CX7** | **Countertop/Under-Cabinet Touchpanel** |

## RTI Control Accessories

| | |
|---|---|
| **RP-4** | **RF Control Processor** |
| **XP-3** | **Advanced Control Processor** |
| **XP-6** | **Advanced Control Processor** |
| **XP-8s** | **Advanced Control Processor** |
| **RM433** | **433MHz RF Antenna** |
| **ZM24** | **2.4GHz Zigbee Transceiver** |
| **CB-8** | **Touchpanel Connecting Block** |
| **CM-232** | **RS-232 Communication Module** |
| **CPB-1** | **Control Port Connecting Block** |
| **ECB-5** | **IR Connecting Block** |
| **ESC-2** | **Ethernet to Serial Converter** |
| **IPE-4** | **IR Port Expander** |
| **PCM-4** | **Port Control Module** |
| **RCM-4** | **Relay Control Module** |
| **vIRsa Mouse** | **IR Emitter** |

## RTI Audio Distribution

| | |
|---|---|
| **AD-4x** | **Distributed Audio System** |
| **AD-8x** | **Distributed Audio System** |
| **CP-450** | **4 Channel Amplifier** |
| **CP-1650** | **16 Channel Amplifier** |

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