

# Řídící systém RTI XP-8 Remote Control Processor



The XP-8 is a high-end remote control processor for automating the operation of electronic systems in homes and office buildings. The combination of a blazing fast MPU, real-time/multitasking operating system, and tremendous expandability make the XP-8 the perfect solution for large-scale and complex projects.

## Description

Like other RTI processors, the XP-8 has been designed to interface seamlessly with all RTI remote controls and touchpanels. In addition to an abundance of basic control ports such as infrared, contact closures, and power sensors - the XP-8 provides advanced control interface options such as two-way RS-232, USB, and Ethernet. An internet connection to the XP-8 allows convenient services such as off-site control (Utilizing Virtual Panel technology - Available 2010).

## Key Features

- Powerful 32-bit, 200MHz XScale® processor.
- 32MByte of non-volatile Flash memory.
- Front panel controls/display (11 Buttons for Front panel Control).
- Two USB ports.
- Eight multi-purpose I/O ports.
- Eight programmable relay outputs.
- Eight two-way RS-232 ports.
- Eight sense inputs.
- I/O ports are compatible with industry-standard IR emitters, blasters and repeater systems.
- All output ports incorporate both short-circuit and overload protection.
- Variable IR output on all ports.
- I/O ports support all optional RTI power sensing and communications modules.
- Programmed using the Integration Designer® Software\*.

- Non-volatile Flash memory stores your system configuration even when power is not present.
- Field upgradeable firmware.
- USB and Ethernet programming.
- Input for connection of multiple RF receiver modules.
- RS-485 communications port for future expansion.
- System clock built in.
- Rack mountable or free standing.

\* Integration Designer software only available to authorized RTI dealers.

## Specifications

<b>Power</b>	+12VDC, 1.25A
<b>Multi-Purpose Output Ports</b>	Eight custom 3.5mm 4-conductor jacks Designed for RTI modules as well as industry-standard IR emitters
<b>IR Output Drive</b>	100mA maximum (per port, adjustable) 200mA maximum (high IR output port)
<b>Infrared Frequency Range</b>	15 KHz - 460 KHz
<b>Infrared Input</b>	Compatible with industry-standard repeaters and receivers
<b>Relays</b>	Eight, 3 amps @ 30VDC or 12V/100mA Trigger
<b>Sense Inputs</b>	Eight, Analog/Digital/Closure
<b>RS232 Ports</b>	Eight RJ45 Connections
<b>Ethernet Port</b>	10/100Base-T
<b>USB Ports</b>	Two Host, One Programming
<b>Expansion Port</b>	RS-485/IR/PWR
<b>Memory Expansion</b>	SD/MM Card Slot
<b>Display</b>	High-contrast STS LCD
<b>Display Size(HxD)</b>	.7 in x 2.8 in (18mm x 60mm) 32h x 122w pixels
<b>Backlights</b>	Blue LED (Display/Keypad)
<b>Mounting</b>	Rack-mount or free standing
<b>Dimensions (W x H x D)</b>	17 in (432mm) x 1.7 in (43mm) x 6.4 in (162mm)
<b>Weight</b>	4 lbs (1814g)