



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 TheaterTouch Designer™ Software.
- Non-volatile Flash memory stores your system configuration even when power is not present.
- Field upgradable 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.

XP-8 Advanced 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 monitoring, control, and updating.

Call 952-253-3100

www.rticorp.com



It's Under Control®

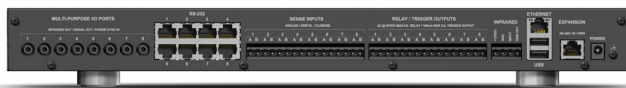
Specifications

Power Supply	+12VDC, 1.25A
Multi-Purpose Output Ports	Eight custom 3.5mm 4-conductor jacks
.....	Designed for RTI modules as well as industry-standard IR emitters.
IR Output Drive.....	100mA maximum (per port, adjustable)
.....	200mA maximum (high IR output port)
Infrared Frequency Transmission Range	15kHz - 460kHz
Infrared Input	Compatible with industry-standard repeaters and receivers
Relays.....	Eight, 3 Amps @ 30 VDC or 12V/100mA Trigger
Sense Inputs.....	Eight, Analog/Digital/Closure
RS-232 Ports.....	Eight, RJ45 Connections
Ethernet Port	10/100Base-T
USB Ports.....	Two Host, 1 Programming
Expansion Port.....	RS-485 / IR / PWR
Memory Expansion.....	SD/MM Card Slot
Display.....	High-contrast STN LCD
Display Size (H x W).....	0.7 in x 2.8 in (18mm x 60mm)
.....	32h x 122w pixels
Backlights	Blue LED (Display/Keypad)
Mounting.....	Rack-mount or free standing
Dimensions (W x H x D).....	17 in (432mm) x 1.7 in (43mm) x 6.4 in (162mm)
Weight	4 lb. (1814g)
Warranty.....	One Year (Parts & Labor)

All specifications subject to change without notice



Front view - cover removed



Rear view

Accessories

RM-433	RF Receiver
ECB-5	IR Emitter Connecting Block
CB-4	Touchpanel Connecting Block
CM-232	RS-232 Communication Module
VPS-1	Voltage Power Sensor
SPS-1	Video Sync Power Sensor



Other RTI Products

T1	Universal System Controller
M2	Universal System Controller
T2+	Universal System Controller
T2-C	Universal System Controller
T3	Universal System Controller
T4	Universal System Controller
U1	Waterproof Controller
RK1	In Wall Keypad Controller
RK2	In Wall Touchscreen Controller
RK3	In Wall Touchscreen Controller
K4	In Wall Touchscreen Controller
RP-1	Remote Control Processor
RP-6	Remote Control Processor
IR-PRO	Infrared Capture System



TheaterTouch Designer™ Programming Software