



XP-6s Advanced Control Processor

The second generation of the popular XP-6, the redesigned XP-6s control processor is the perfect centerpiece of any professionally installed control system. With a rack-mountable design, faster internal CPU and bolstered with eight times more RAM memory than its predecessor, the powerhouse processor automates and enhances the operation of A/V, security, lighting, HVAC, and more.

Serving as the system communication backbone in a commercial or residential installation, the processor utilizes a massive database of drivers to facilitate integration of third-party devices into one cohesive system. Advanced control options include IP, RS-232, infrared, relays and sensing. Designed to meet the evolving needs of any project, the XP-6s has the support of the entire RTI ecosystem, allowing for easy expansion using multiple processors and a complete line of accessory devices.

Accessories



ESC-2
Ethernet to Serial Converter



ZW-9
Z-Wave® Interface Module



PCM-4
Port Control Module



ZM-24
2.4GHz Zigbee® Transceiver



RCM-4
Relay Control Module



RM-433
433MHz RF Antenna

Key Features

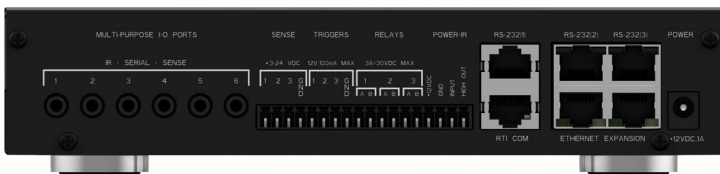
- Powerful 32bit, 1GHz CPU.
- 512MB of non-volatile Flash and 512MB of internal RAM memory.
- Compatible with all RTI wired, wireless (requires RTI RF antennas/ Zigbee® transceivers), and app-based user interfaces.
- Six multi-purpose I/O ports are compatible with industry standard IR emitters, blasters, and repeater systems.
- Multi-purpose I/O ports also support optional RTI power sensing and communications modules.
- Three programmable 12VDC trigger outputs.
- Three assignable voltage sense inputs.
- Three programmable relay outputs.
- Three RS-232 ports for bi-directional communication.
- Built-in astronomical clock for time-based events and sleep timers.
- Input for connection of multiple RM-433 RF receiver modules.
- Variable IR output on all IR ports.
- Non-volatile Flash memory stores your system configuration even when power is not present.
- Fast USB 2.0 and Ethernet programming.
- Field upgradable firmware.
- Rack mountable or free standing.

Specifications

Power Supply+12V DC, 1A
 IR Output Ports..... Six 3.5mm jacks
 Compatible with 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
 Trigger Outputs..... Three, 12 VDC, 100mA max each
 Relays..... Three, 3 Amps @ 30 VDC
 Sense Inputs..... Three, 3-24VDC
 RS-232 Ports..... Three, Bi-directional RJ45 Connections
 Ethernet Port 10/100Base-T, RJ45 Connection
 USB Ports..... One, Programming
 RTI Com Port..... Zigbee® Communication Port, RJ45 Connection
 Mounting..... Rack-mount or free standing
 Operating Temperature..... +32°F to +122°F (0°C to +50°C)
 Operating Humidity..... 5% to 95% Non-Condensing
 Dimensions (W x H x D) 8.5" (215.9mm) x 1.72" (43.7mm) x 6" (152.4mm)
 Weight 2 lb. (907g)
 Warranty..... Three Years (Parts & Labor)
 All specifications subject to change without notice



Front view - cover removed



Rear view

RTI User Interfaces

Remote Controls
 Keypads
 Audio Control Keypads
 In-Wall Touchpanels
 Tabletop Touchpanels
 Mobile Apps



RTI Control Accessories

Control Processors
 System Kits
 RS-232 Modules
 IR Modules
 Relay Modules
 Z-Wave Modules



RTI Audio/Video Distribution

HDMI Splitters & Switches
 HDMI Matrix Switches
 HDBaseT Matrix Switches
 HDBaseT Extenders
 Presentation Switches
 Video over IP Transceivers



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RTI
 It's Under Control®