



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 it's 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.

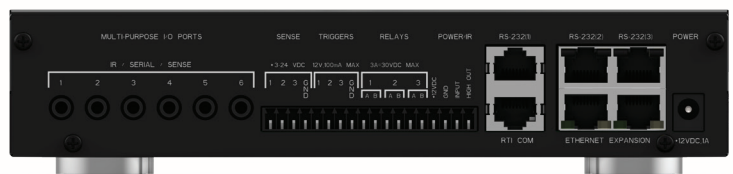
Specifications

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.....	Wall-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

RTIPanel	Mobile & 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
KX1	1.2" Audio Distribution Keypad
KX2	2.8" In-Wall Touchpanel Keypad
KX3	3.5" In-Wall Touchpanel Keypad
KX7	7" In-Wall Touchpanel
KX10	10" In-Wall Touchpanel
CX7	7" Countertop/Under-Cabinet Touchpanel
CX10	10" Countertop/Under-Cabinet Touchpanel

RTI Control Accessories

RP-4	RF Control Processor
XP-3	Advanced Control Processor
XP-6	Advanced Control Processor
XP-8v	Advanced Control Processor
RM433	433MHz RF Antenna
ZM24	2.4GHz Zigbee Transceiver
ZW-9	Z-Wave® Interface Module
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/Video Distribution

AD-4x	4x4 Audio Distribution System
AD-8x	8x8 Audio Distribution System
AD-16x	16x16 Audio Distribution Matrix Switch
CP-450	4 Channel Cool Power® Amplifier
CP-1650	16 Channel Cool Power® Amplifier
VHD-4	4x4 HDBT Video Matrix Switch
VHD-8	8x8 HDBT Video Matrix Switch
VHT-1	HDBT Video Transmitter
VHR-1	HDBT Video Receiver

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RTI
 It's Under Control®