



XP-6 Control Processor

The XP-6 is the powerful centerpiece of any professionally installed control system, designed to automate and enhance the operation of A/V, security, lighting, HVAC, and countless other devices in a commercial or residential environment. The XP-6 is packed with features to facilitate integration of third-party devices into one seamless and cohesive system, with a variety of communication options such as RS-232, relay, IP, and routable IR control. Additional RTI accessories can be incorporated to allow wireless communication between an RTI remote control and the XP-6, even through walls or cabinets. The processor features built-in support for the RTI 433-MHz receivers for one-way RF communication, or powerful ZigBee® 2.4-GHz transceivers can be incorporated for more sophisticated bi-directional communication between the RTI controller and central processor and supported devices.

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



RM-433
433MHz RF Antenna

Key Features

- Powerful 32bit, 533MHz CPU.
- 128Mb of non-volatile Flash memory.
- Six multi-purpose I/O ports.
- Three programmable 12VDC trigger outputs.
- Three assignable voltage sense inputs.
- Three programmable relay outputs.
- Two RS-232 ports for bi-directional communication.
- Built-in astronomical clock for time-based events and sleep timers.
- Compatible with all RTI wireless remote controls (when used with RTI RF antennas/Zigbee® transceivers) and In-wall controllers.
- Multi-purpose I/O ports are compatible with industry standard IR emitters, blasters, and repeater systems.
- Input for connection of multiple RF receiver modules.
- Variable IR output on all ports.
- Multi-purpose 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.
- 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	Two, 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
Dimensions (W x H x D)	10.3" (262mm) x 5.25" (134mm) x 1.5" (38mm)
Weight	1 lb. 3 oz. (543g)
Warranty	One Year (Parts & Labor)

All specifications subject to change without notice



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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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RTI
 It's Under Control®