## RP-4 RF Control Processor
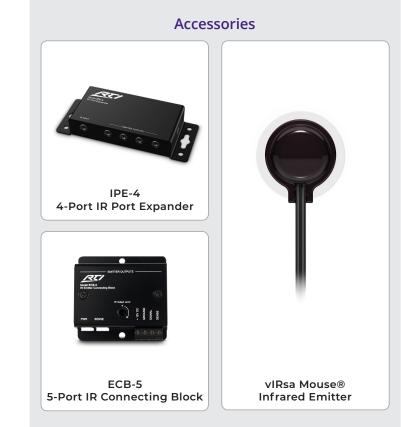
The RP-4 is a excellent solution for cost-effective control o A/V and other electronic systems in single room installations such as home theaters, media centers, and bedrooms. With the RP-4, A/V components and other equipment can be hidden away in a closet for a clean, professional look.

The RP-4 features an integrated 433-MHz RF receiver, IR control, voltage sense inputs, and relays, all in one compact package. Perfect for use with any RTI 433-MHz wireless interface, the processor also supports one-way control via the RTiPanel app, allowing users to incorporate their iPhones and iPads easily into the control system. The processor stores all system commands and macros for rock-solid reliability, providing a powerful alternative to IR repeater systems which can suffer from inconsistent performance.

## Key Features

- Stores all system commands and macros for reliable control.
- Integrated 433MHz RF antenna.
- Supports RTiPanel App for one-way control via smart phones and tablets.*
- Four infrared ports with routing and output strength adjustment.
- Infrared ports compatible with industry standard IR emitters and IR expansion devices.
- Two voltage sensing inputs for monitoring equipment power status.
- Two programmable relays provide contact closure for TV lifts, shades, projection screens etc.
- Works with all RTI 433MHz wireless remotes.**
- RF signal reception and Ethernet activity LEDs.
- Simple, efficient programming using Integration Designer® software.
- Install free-standing or wall mount using included mounting bracket.
- Non-volatile Flash memory stores your system configuration even when power is not present.
- USB and Ethernet programming.

## Included in the Box

RP-4, power supply (12V, 1A), antenna, mounting plate, screws and drywall anchors (4)

## Accessories

**IPE-4**
**4-Port IR Port Expander**

**ECB-5**
**5-Port IR Connecting Block**

**vIRsa Mouse®**
**Infrared Emitter**

## Specifications

Power Supply ................................................................. +12VDC, 1A

RF Receiver Carrier Frequency .......................................... 433 MHz

Infrared Transmission Bandwidth ...................... 15kHz - 460kHz

IR Output Ports .............................................. Four (4), 3.5mm jacks

IR Output Drive ..............100mA maximum (per port, adjustable)

Ethernet Port....................... One, RJ45 Connection, 10/100Base-T

Relays .......................................................... Two, +30VDC, 5A max

Sense Inputs................................................... Two, 3-24VDC

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) .........................................7.0" x 3.0" x 1.0"
.............................................................. 175 mm x 76 mm x 25 mm
.................. (Dimension does not include antenna or connectors)

Weight ..........................................................................6.7 oz. (190 g)

Warranty.............................................. Three Years (Parts & Labor)

All Specifications subject to change without notice.

## Features

RF 433 MHZ  |  RELAY  |  INFRA RED  |  SENSE INPUT  |  ETHERNET



* IMPORTANT INSTALLATION NOTES:
    The RP-4 is programmed and operates similar to an RP-1. If more robust capabilities are required, then an XP processor should be used.

RP-4 does NOT support:
  > RTI wired interfaces (In-wall touchpanels, keypads, etc).
  > RTI Ethernet expansion modules (ESC2, PCM4, RCM4).
  > Additional RM-433 433MHz RF antennas and ZM-24 Zigbee® transceivers.
  > Two-way drivers, event programming and master/slave mode.

RP-4 supports one-way control via the RTiPanel App on Apple iOS® devices only (Android devices and Virtual Panel are NOT supported).

## Do more with Integration Designer 11

Integration Designer 11 elevates the experience for all RTI systems, from residential to commercial. Its stunning new template - complete with custom slider support, one-click background swapping and more - makes it faster than ever to deliver a beautiful finish to every installation. Drivers are directly accessible from within the software, with notifications to keep you always up to date. The integrated system manager lets you track rooms, room status, and source status to save time on every installation. All this and more in Integration Designer 11.