



# RP124

A10, 120 VAC, 15A, Plug-in Relay Receiver

## FEATURES

- Plugs into any grounded wall outlet
- Provides remote control of 15A general purpose/resistive load
- Easy Push-Button set-up for Unit Address
- A10 and X10 Standard Code (256 Addresses)
- Push button manual override
  - Load Sense - when load is plugged in Receiver turns on
  - Holds last state on power loss.
- Advanced A10 circuitry, X10 signal compatible



## APPLICATIONS

- Provides remote ON/OFF control of high current loads (15A max.)

## PRODUCT DESCRIPTION

The RP124 is an A10 enhanced powerline carrier plug-in receiver capable of switching a 15 amp load.

The RP124 may be individually remote controlled by a transmitter in another location or by the command ALL UNITS OFF. It can be locally controlled on and off using a push button located on the front of the unit.

A load, such as a lamp, connected to the RP124 verifies power and also guides the user while setting the address. Manufactured under Advanced Control Technologies, Inc.'s U.S. Patent No. 6,229,432.

## ORDERING INFORMATION

Specify: **RP124 - 120 VAC**

## SPECIFICATIONS

### Electrical Requirements

#### Power

|                    |  |
|--------------------|--|
| Supply Voltage     | 120 VAC, +/-10%  |
| Frequency          | 60 Hz  |
| Circuit Protection | Over-current protected with non-field replaceable fuses and surge protected with an MOV. Load is not protected by any internal fusing. |

#### Signal

|              |   |
|--------------|---|
| Signal Input | X10 Powerline Carrier, sensitive to 50 millivolts, peak to peak |
|--------------|---|

#### Controlled Output

|  |           |
|--|-----------|
| Maximum switching power                    | 1800VA    |
| Maximum switching voltage                  | 120 VAC   |
| Maximum switch current/resistive/gen. load | 15 Amps   |
| Motor                                      | 1/2 H.P.  |
| Incandescent                               | 600 Watts |

## Mechanical Requirements

|            |   |
|------------|---|
| Dimensions | 4.76" H (121cm) x 2.42" W (6.15cm) x 1.55" D (3.94cm) |
| Weight     | .32 pounds (0.15kg)                                   |

## Environmental Requirements

|                       |  |
|-----------------------|--|
| Operating Temperature | 32 to 120 degrees F (0-49 degrees C)     |
| Storage Temperature   | 0 to 150 degrees F (-18 to 66 degrees C) |
| Operating Humidity    | 5% to 95% non-condensing                 |

Specifications may change without notice to improve product performance.

## ABOUT CERTIFICATION

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This product has been thoroughly tested by the ETL SEMKO division of Intertek, a nationally recognized testing laboratory. This product was found to be in compliance with safety standards ANSI/UL STD 244A and CAN/CSA C22.2 No. 177.

