

Installation Manual: PC-RA Remote Indicator

NOTICE TO THE INSTALLER

This manual provides an overview and the installation instructions for the PC-RA remote indicator. This product is designed for 2-wire conventional fire alarm system, and it shall only be installed with listed control panels. For system compatibility, please refer to the control panel instruction manual.

1. Description

The PC-RA remote indicator is designed for conventional fire alarm system applications. It provides a polarized LED that uses an active current regulator with current limiting to less than 3 mA at 24 VDC. It is designed to mount on a standard single gang electrical backbox. Each remote indicator includes one (1) LED to indicate the device status. The LED status is synchronized with the connected conventional detector.

2. Technical Specifications

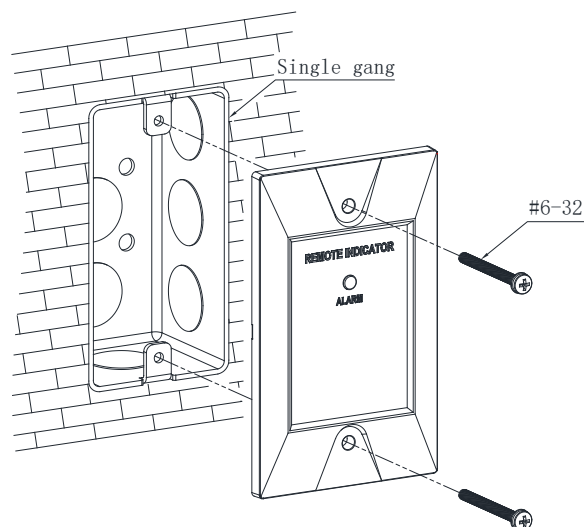
	PC-RA
Operating Voltage	12 or 24 VDC
Standby Current	60 μ A
Alarm Indicator Current	Max. 3 mA
Max. Number Allowed on a Circuit	25
Installation Temp Range	32°F -120°F
Operating Humidity Range	0% - 95% (Non-condensing)
Dimension	2.8×4.5×1.1 in
Weight	1.78 oz

3. Mounting

PC-RA can be mounted on a single gang electrical backbox.

Mounting Instructions:

- Loosen screws on junction box or leave screws in place.
- Align keyholes on the front cover with screw heads.
- Tighten screws to secure the product.



4. Wiring

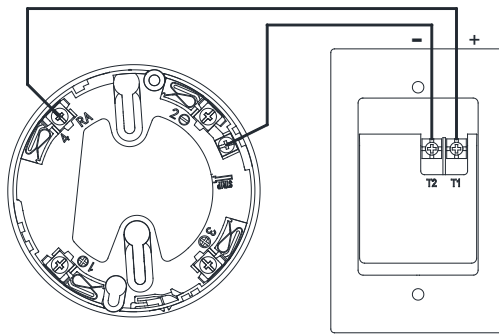
Before connecting a device to the detector, take the following precautions to prevent potential damage to the device.

- Power is removed.
- Beware of the polarity marked next to the terminals.
- Use wires between size 22 AWG to 12 AWG.
- Strip all wires 1/4 inch from their edges shown here:



- Field wiring has no open or short circuit.

Connect PC-RA to the detector base following wiring diagram shown below:



⚠ CAUTION :DO NOT LOOP WIRE AROUND TERMINAL. SEPARATE WIRES TO ALLOW FOR CONNECTION SUPERVISION.

5. Maintenance

Consult your local code and AHJ requirements for required maintenance schedules.

These instructions do not cover all the details or variations in the equipment described, nor provide for every possible contingency to be met in connection with installation, operation, and maintenance. Specifications subject to change without prior notification.

6. Warranty

POTTER warrants that the equipment herein shall conform to said descriptions as to all affirmation of fact and shall be free from defects of manufacture, labeling, and packaging for a period of five (5) years from the invoice date to the original purchaser, provided that representative samples are returned to POTTER for inspection. The product warranty period is stated on the exterior of the product package. Upon a determination by POTTER that a product is not as warranted, POTTER shall, at its exclusive option, replace or repair said defective product or parts thereof at its own expense, except that Purchaser shall pay all shipping, insurance, and similar charges incurred in connection with the replacement of the defective product or parts thereof. This Warranty is void in the case of abuse, misuse, abnormal usage, faulty installation, repair by unauthorized persons, or if for any other reason POTTER determines that said product is not operating properly as a result of causes other than defective manufacture, labeling, or packaging.