

Model SRAN Remote Annunciator Installation Instructions

Model SRAN Remote Annunciator

Congratulations, and thank you for purchasing Setra's Remote Annunciator (SRAN). Setra's Remote Annunciator (SRAN) provides remote indication of room pressure status.

Mounting

The SRAN is the same size as a standard electrical wall plate (2.75" W x 4.5" H) and fits flush to the wall. It can be mounted to the wall using a standard electrical box.



Specifications

Enclosure

2.75" W x 4.5" H H stainless steel wall cover plate

External Supply

15 VDC, 50 mA Max.

Display Panel

Green and Red LED indicators, and Acknowledge Switch

Audible Alarm

0 to 85 dBA measured 4 inches from annunciator

Acknowledge Switch

Momentarily turns off the audible alarm

Operation

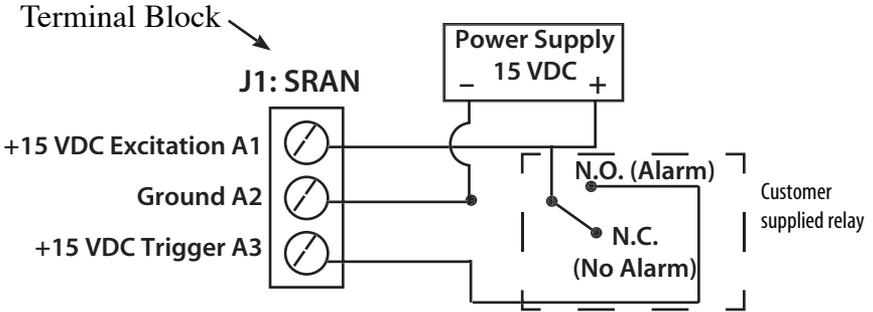
Under normal conditions the Green LED remains on. When an alarmed condition occurs (i.e., room pressure falls outside preset range), a signal is triggered by the room pressure monitor, the Green LED shuts off, the Red LED flashes and the Audible Alarm sounds. The acknowledge button can be pressed to momentarily turn-off the Audible Alarm, and the Red LED will continue to flash until the alarmed condition is corrected. When the alarmed condition is corrected the annunciator will reset itself. The Green LED will turn-on, the Red LED and Audible alarm will shut-off.

Alarm Relay Output

The Single Pole Double Throw (SPDT) relay output can be used for remote signaling of alarm condition. A form "C" contact rated at 1A is available.

Model SRAN Wiring

(When used with a Remote Relay Output)



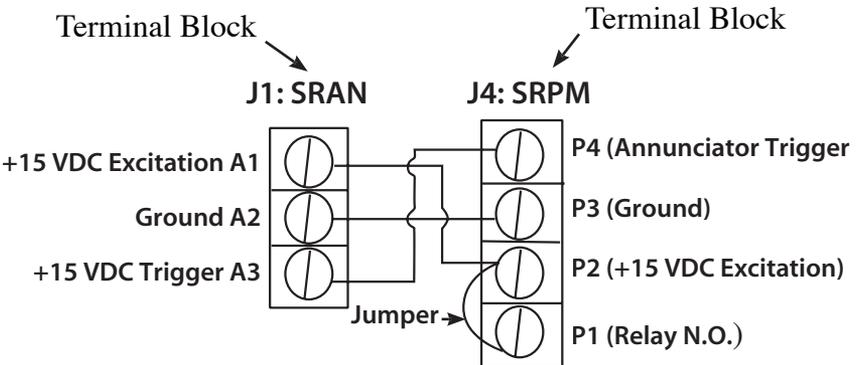
Remote Annunciator Wiring

Model SRAN Wiring

(When Used with Setra's Model SRPM - Room Pressure Monitor)

Remote Annunciator Connector (J1), SRPM Connector J4:

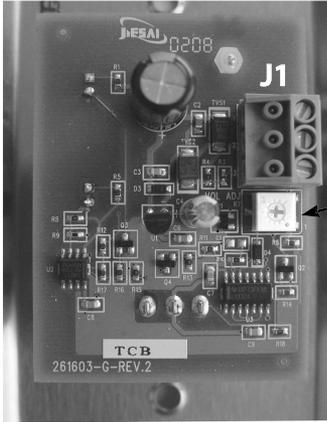
Connect pins 1 & 2 (short) and then connect pin 2 (+15 V Exc.), pin 3 (Ground), pin 4 (Annunciator Trigger).



Remote Annunciator Wiring

Audible Alarm

Alarm potentiometer adjusts from 0 to 85 dBA. Using a screwdriver, rotate potentiometer clockwise to increase volume and counterclockwise to decrease volume.



*Audible Alarm
Potentiometer*

*Model SRAN
PC Board View*

RETURNING PRODUCTS FOR REPAIR

Before returning the unit for repair, please contact a Setra application engineer (800-257-3872, 978-263-1400) to review information relative to your application . Many times only minor field adjustments may be necessary. When returning a product to Setra, the unit should be carefully packaged and shipped prepaid to:

Setra Systems, Inc.
159 Swanson Road
Boxborough, MA 01719-1304
Attn: Repair Department

To assure prompt handling, please refer to return instructions on our Web site at http://www.setra.com/tra/repairs/cal_rep.htm.

Allow approximately 3 weeks after receipt at Setra for the repair and return of the unit. Non-warranty repairs will not be made without customer approval and a purchase order to cover repair charges.

Calibration Services

Setra maintains a complete calibration facility that is traceable to the National Institute of Standards & Technology (NIST). If you would like to recalibrate or recertify your Setra pressure transducers or transmitters, please call our Repair Department at 800-257-3872 (978-263-1400) for scheduling.

WARRANTY AND LIMITATIONS OF LIABILITY

Setra warrants its products to be free from defects in materials and workmanship, subject to the following terms and conditions: Without charge, Setra will repair or replace products to be found to be defective in materials or workmanship within the warranty period; provided that:

- a.) the product has not been subjected to abuse, neglect, accident, incorrect wiring not our own, improper installation or servicing, or use in violation of instructions furnished by Setra;
- b.) the product has not been repaired or altered by anyone except SETRA or its authorized service agencies;
- c.) the serial number or product code has not been removed, defaced, or otherwise changed; and
- d.) examination discloses, in the judgement of SETRA, the defect in materials or workmanship developed under normal installation, use and service;
- e.) SETRA is notified in advance of and the product is returned to SETRA transportation prepaid.

Unless otherwise specified in a manual or warranty card, or agreed to in a writing signed by a SETRA officer, SETRA pressure and acceleration products shall be warranted for one year from date of sale.

The foregoing warranty is in lieu of all warranties, express, implied or statutory, including but not limited to, any implied warranty of merchantability for a particular purpose.

SETRA's liability for breach of warranty is limited to repair or replacement, or if the goods cannot be repaired or replaced, to a refund of the purchase price. SETRA's liability for all other breaches is limited to a refund of the purchase price. In no instance shall SETRA be liable for incidental or consequential damages arising from a breach of warranty, or from the use or installation of its products.

No representative or person is authorized to give any warranty other than as set out above or to assume for SETRA any other liability in connection with the sale of its products.

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