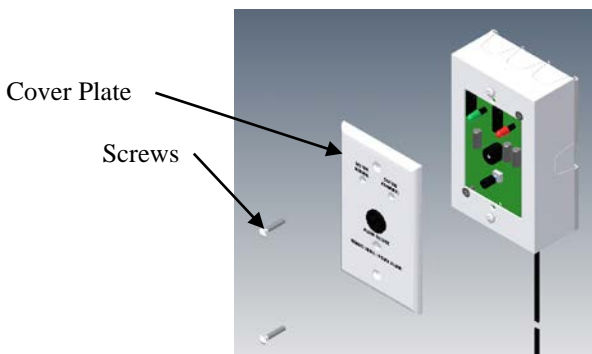


TAV-1 Remote Audio/Visual Alarm Installation Instructions

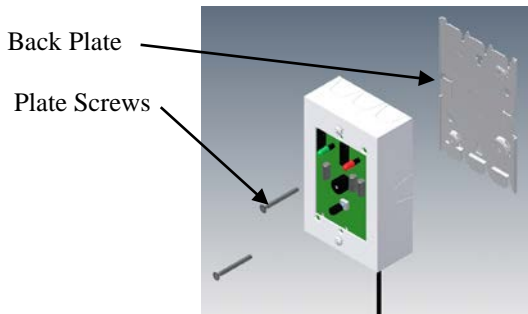
Note: Signal wire used for this alarm should be 16 to 22 AWG stranded wire.

Warning: Do not wire any AC voltage to the TAV-1. The maximum output voltage of any device wired to the TAV-1 cannot exceed 24 VDC.

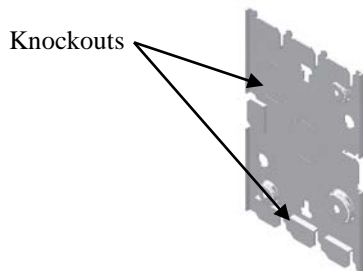
1. Remove the 2 screws holding the cover plate to the electrical box and remove the cover plate.



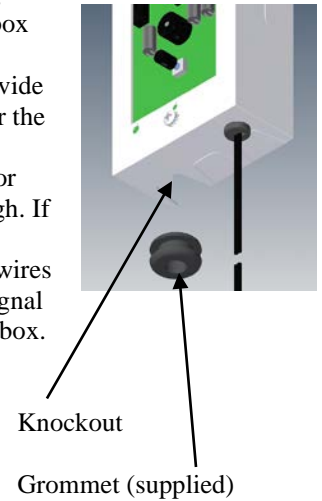
2. Remove the 2 diagonally opposite screws holding the electrical box to the back plate and separate the back plate from the box.



3. Mount the back plate securely to a wall surface or other building structure within 4 1/2 feet of an electrical outlet. If signal wires will be coming through the back plate, remove one of the electrical knockouts before mounting.

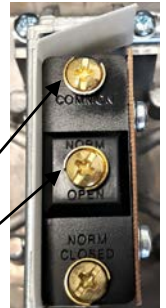


4. If signal wires will be coming through one of the electrical box walls, remove one of the rectangular knock-outs or provide some other entry provision for the signal wires. An insulating grommet has been provided for the signal wires to pass through. If not used, some other method should be used to protect the wires from the sharp edges of the signal wire opening in the electrical box.



5. Signal wires most commonly originate from the following equipment and should be wired as indicated below:

- a. In a Tri-Tech PS-100-1000 Pressure Switch, the Common screw terminals is (-) and the NORMALLY OPEN screw terminal is (+).



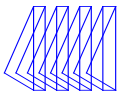
- b. In a Tri-Tech Digital Manifold, the SECONDARY IN USE (MB-5) plug terminals COMMON is (-) and NORMALLY CLOSED is (+).



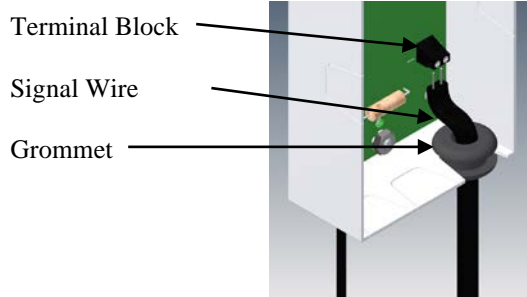
- c. In a Tri-Tech Analog Manifold, the Secondary in Use terminal strip A1 and A2 connection points, the polarity does not matter.



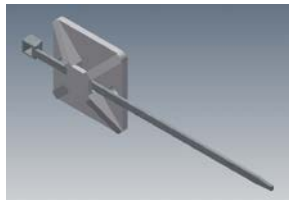
- d. Other devices that are wired to the TAV-1 must have no more the 24VDC output and must be wired with the proper (+/-) polarity maintained. If there is no DC voltage output from the device then polarity does not matter.



Route the wire from the equipment to the Remote Alarm. Secure the two wires to the terminal block with the (-) and (+) symbols on either side, on the back of the circuit board inside the electrical box. Connect the wire from the signal devices common terminal to (-) and the other wire to (+).

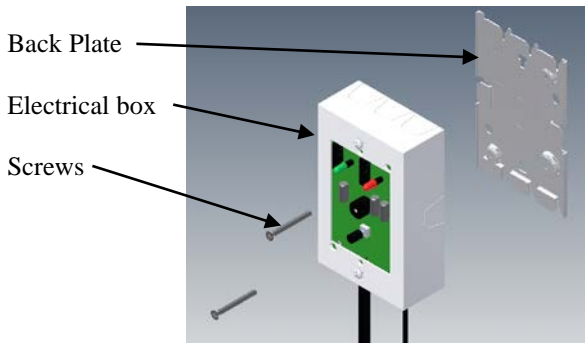


6. An adhesive pad and strain relief tie is supplied to secure the signal wires inside the electrical box.

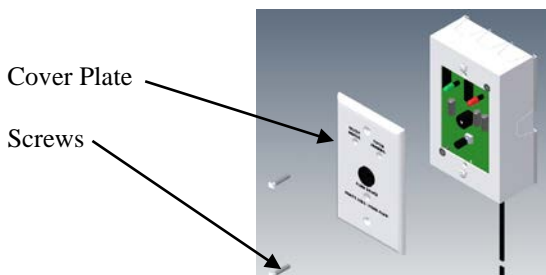


This can be placed on the back plate or inside wall of the electrical box.

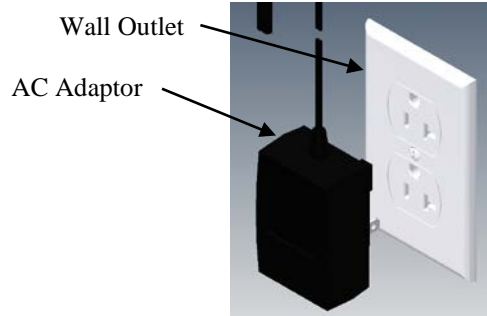
7. Re-attach the electrical box to the back plate using the 2 diagonally opposite long screws.



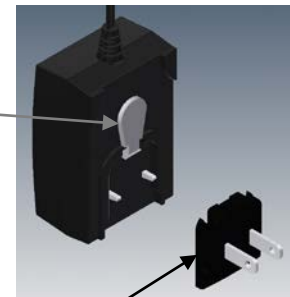
8. Re-Attach the cover plate to the electrical box using the 2 shorter screws provided.



9. Plug the AC adaptor box into the wall outlet.



(Highlighted)
Press Button to
Release



Prong Configuration

A variety of AC plugs adaptors have been provided. To change, press the button on the AC Adaptor Box and slide off the prong plate.

10. Test the alarm as follows:

- The green light only should illuminate and the horn silent with a closed circuit (System Normal).
- The green light should be extinguished, the red light should illuminate and the horn should sound with an open circuit (System Abnormal). Pressing the Alarm Silence button should silence the horn, the red light should stay illuminated until the alarm condition goes back to Normal.

Note: There will be a 2 -3 second delay for the alarm to react to a change in circuit condition.

Green Light
(System Normal)

Red Light
(System Abnormal)

