BA6 INSTRUCTIONS

Use enclosed mounting kit with installation instructions to install. The footprint of the BA6 is identical to the BA12. There are 2 options for cabling inlet, a pair of 13/16" holes in the middle of the chassis and a pair to the left (preferred) of the pc board. These holes will accept standard 1/2" conduit fittings, if you desire. One hole for 120VAC, the other for control cable.

CABLE

Use standard control cable to interface closures to the BA6. All inputs are opto-isolated, so shielding is not necessary. The BA6 requires 120vac at 45 watts (worst case) currrent consumption. It is suggessted that you interface the TRIGGER and RESET connectors to an external punch block or barrier strip.

MODE

Each channel of the BA6 alert monitor can be set up in one of two modes, AUTO or MANUAL reset. Close the jumper for the appropriate channel for AUTO reset or leave it open for MANUAL reset. "Time on" can be adjusted from 1 second (maximum CCW) to approximately 30 minutes (maximum CW) in AUTO reset mode by adjusting the appropriate trimmer. MANUAL reset is provided for at the manual reset connector.

LATCHING CLOSURES

Use the AUTO reset mode and set trimmer to maximum CCW. When the latch lets up, the alert will turn off immediately.

TELEPHONE CALLS

Monitor incoming telephone calls with the included FN2 ring detect module. Each FN2 will monitor 2 phone lines and provide a closure for the BA6 TRIGGER input. (90vac, 20hz ringing voltage required). When using the FN2, set the trimmer maximum CCW for the appropriate channel. Additional FN2 modules are available, if you need to monitor more than 2 lines.

TRIGGER

To trigger the BA6 connect closure between COMMON and the appropriate input (1 through 6). Use contact closure (relay, switch, etc.) or npn open collector output of transistor or optoisolator.

MANUAL RESET

To reset the BA6 manually, connect closure between COMMON and the appropriate input (1 through 6). Use contact closure (relay, switch, etc.) or npn open collector output of transistor or optoisolator.

CHANNEL 1 ALERT

The first channel of the BA6 (OFF AIR or ?), will supply a +5v output for an additional audible alert, (piezoalarm, etc.) Use the 3 pin connector at the center of the PC board. Connect between
the ground pin and the "CH1" pin. Do not draw more than 15ma.

ANY ALERT

If ANY alert is triggered on the BA6, you can also pick up a +5v output between the ground pin and the "ANY" pin on the same connector. Do not draw more than 15ma.

FREE LABELS

Don't forget, labels are easy to order (use the email form) and always free.