

# Fire Burglary Instruments, Inc.

50 Engineers Road, Hauppauge, New York 11788



# INSTALLATION INSTRUCTIONS

516-582-6161 · 800-645-5430

The Model XL1222 is a supervised fire, low battery module to be used with the XL1215, XL1213, and XL1216 control panels.

WIRES	DESCRIPTION
Violet Blue White	Common } Form C relay Normally closed } Contacts which will change Normally open } State if the battery voltage drops below 10.4V D.C.
Red (+) Green (-)	12V D.C. to power the module is applied here from control panel regulated output.
Brown	Supervised fire input.
Grey	Maintained Fire trouble output. This wire will drop (-) negative on fire trouble.
Black	Maintained fire trouble output: This wire will also drop (-) negative on fire trouble for Sonalert annunciation.

## TERMINAL CONNECTIONS

XL1222	XL1215	XL1213	XL1216
Red	7	7	7
Green	6	6	6
Brown	18	18	18
Black	21	21	21

CONNECT AN 8.2K  $\Omega$  Eol Resistor at the end of the smoke lines on terminals 18 and 19, and a N.C. reset button across 17 and 19 on the control panels.

## SUPERVISED FIRE CIRCUIT

If the smoke detector lines or the Eol Resistor on terminals 18 and 19 break, or open up, the Sonalert which should be installed across terminals 9(+) & 21(-) on the control panels will sound off. If the GREY wire is connected to terminal 13 on the XL1215 (auxiliary channel), a transmission will occur on fire trouble.

NOTE: The auxiliary channel must be programmed for maintained activation.

## LOW BATTERY CIRCUIT

If AC power is lost and the battery voltage on the control panels drops below 10.4V D.C. the form C contacts will activate. (Violet-common, Blue-N.C., White-N.O.). These contacts may be used to trip the auxiliary or silent panic circuit on the XL1215. On Revision E and later XL1215's, if open/close transmissions are not used, program the low battery code in the 5th digit of the AL field, and make the following connections:

Splice the Violet and Green wires on the XL1222 together.

Connect the White wire to the low battery post (P1) on the top of the XL1215, and cut CR20 located just to the left of the crystal on the XL1215.

The normally open set of contacts can be used to trip the silent panic or the fire circuit on the XL1213 & XL1216

IF ANY FURTHER ASSISTANCE IS NEEDED TO INSTALL THIS MODULE  
PLEASE CONTACT TECHNICAL SERVICE AT 800-645-5430 OR 516-582-6161.