



Pyro-Comm Systems, Inc.
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 C10-612153



1.0 Operating Information

NORMAL STANDBY OPERATION

1. Green A.C. POWER indicator lit steadily.
2. Red ALARM indicator off.
3. Yellow TROUBLE indicator off.

ALARM CONDITION

1. Red ALARM indicator lit.
2. Alarm signaling devices activated.
3. Option module (remote station or supplementary alarm relay) activated.
4. Alarm information visible on LCD display.

ALARM RESET

After locating and correcting the alarm condition, reset the control panel by pressing the SYSTEM RESET switch.

TROUBLE CONDITIONS

Activation of trouble signal under normal operating indicates a condition that requires **immediate** attention. Contact your local service representative. Silence the audible signal by pressing the ACKNOWLEDGE/STEP switch. The Trouble indicator will remain illuminated.

2.0 Switch Functions

ACKNOWLEDGE/STEP

This silences the piezo sounder and changes all flashing conditions to steady. Only one press is necessary, regardless of the number of new alarms, troubles or supervisory signals. If the piezo is silenced, it sends an ACKNOWLEDGE message to the printer and history file.

ACKNOWLEDGE also automatically sends a special command to silence piezo sounders on the LCD-80 and ACS Annunciators. If more than one event exists, it advances the display to the next item and displays it for 3 seconds, or until the ACKNOWLEDGE/STEP key is pressed again (Step function).

ALARM SILENCE

Alarm Silence performs all the functions of ACKNOWLEDGE. In addition, if an alarm exists, it turns off all silenceable circuits and illuminates ALARM SILENCE indicator. It also sends an ALARM SILENCED message to the printer and history file. A subsequent alarm will then resound the system.

Notes:

1. This unit has been programmed to inhibit signal silence for ____ seconds.
2. This unit has been programmed to automatically silence alarm signal after ____ minutes.

ALARM ACTIVATE

The AFP-400 waits for the **ALARM ACTIVATE** switch to be pressed for 2 seconds (to prevent accidental activations), then turns on all silenceable circuits (all CMX-1 modules/bell circuits that are programmed silenceable), and turns off the ALARM SILENCE LED. It sends a Manual Evacuate message to the LCD display, LDC-80, printer, and History file.

SYSTEM RESET

Resets the control panel.

LAMP TEST

Press and hold the switch to lamp-test the LEDs.

3.0 LED Indicators (6)

AC POWER

Green LED which illuminates when primary power is applied to the control panel.

FIRE ALARM

Red LED that flashes when one or more alarms occur. Illuminates steadily after alarms are acknowledged, and turns off when RESET is pressed after alarm clears

PRE-ALARM WARNING

Yellow LED that flashes when a pre-alarm threshold is reached. The 80 character LCD display indicates whether it is an ALERT or ACTION pre-alarm.

SECURITY (Optional)

Blue LED that illuminates for a security alarm, LED turns off after the alarm clears and RESET is pressed.

SUPERVISORY (optional)

Yellow LED that flashes when a Supervisory, Hazard Alert or Tamper condition occurs, such as a sprinkler valve tamper condition. The LED turns off when the Supervisory condition clears. The Hazard Alert or Tamper indication will latch until rest.

SYSTEM TROUBLE

Yellow LED that flashes when one or more troubles occur. Goes on steadily when ACKNOWLEDGE is pressed, and turns off when all trouble conditions are cleared. Will illuminate if the microprocessor watchdog timer fails (CPU FAIL).

DISABLED POINTS

Yellow LED that illuminates when one or more points are disabled. The 80 Character LCD will indicate which points have been disabled. Turns off when points are re-enabled.

ALARM SILENCED

Yellow LED that illuminates after ALARM SILENCE has been pressed. Turns off when ALARM ACTIVATE or SYSTEM RESET is pressed.

4.0 Audible Tone Indicator

ALARM

A continuous sounding tone.

TROUBLE / SECURITY

A slow, pulsating tone signal having an equal on and off time.

SUPERVISORY

A fast, pulsating tone signal having an equal on and off time.

5.0 Periodic Testing and Maintenance

To ensure proper and reliable operation, system inspection and testing should be scheduled monthly, or as required by NFPA 72H or local fire codes. A qualified Service Representative should perform testing.

BEFORE TESTING

Notify fire department and/or central alarm receiving station if alarm condition is transmitted Notify facility personnel of the test so alarm sounding devices are ignored during the test period.

AFTER TESTING

Notify all fire, central station, and/or building personnel when testing is complete.

LOCAL SERVICE REPRESENTATIVE

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