



OPERATING INSTRUCTIONS

Cheetah Xi™ 50 Control System

(P/N 10-071)

Commercial Protected Premises Control Unit

Local, Remote Station (PPU), Central Station (PPU), and Releasing Service



These instructions must be framed and displayed next to the panel in accordance with NFPA 72, National Fire Alarm Code for Local Fire Alarm System.

The key to open the panel can be found at this location:

1.0 OPERATING INFORMATION

Normal Standby

1. Green AC Power LED lit steady.
2. All audibles off.

System Alarm

1. Red Alarm LED flashes.
2. Local panel sounder/piezo emits slow pulse pattern.
3. Alarm audible(s) on.
4. Alarm information visible on LCD (liquid crystal display).
5. DO NOT press the RESET key at this time.
6. Press the ACKNOWLEDGE key to turn off the local piezo. Flashing LEDs will illuminate steady after key press.
7. Press the SILENCE key to turn off the local piezo and silence active audibles programmed for silence. Yellow silence LED will illuminate steady after button press.
8. Press the F1 key to display the source of the event on the top line of the LCD (liquid crystal display).
9. Investigate the source of the alarm condition and take appropriate actions.
10. After correcting the Alarm condition, press the RESET key to restore the system to normal operation.

System Trouble/Supervisory

1. Yellow Trouble and/or Supervisory LED flashes.
2. Local piezo emits steady tone for System Trouble.
3. Local piezo emits fast pulse pattern for Supervisory events.
4. Trouble and/or Supervisory audible(s) on.
5. Trouble and/or Supervisory information visible on LCD (liquid crystal display).
6. DO NOT press the RESET key at this time.
7. Press the ACKNOWLEDGE key to turn off the local piezo. Flashing LEDs will illuminate steady after key press.
8. Press the SILENCE key to turn off the local piezo and silence active audibles programmed for silence. Yellow silence LED will illuminate steady after button press.
9. Press the F1 key to display the source of the event on the top line of the LCD (liquid crystal display).
10. Investigate the source of the Trouble/Supervisory condition and take appropriate actions.
11. After correcting the Trouble/Supervisory condition, press the RESET key to restore the system to normal operation.

Trouble Condition – Activation of a trouble signal under normal operation indicates a problem with the system (not an alarm) that requires immediate attention. Contact your local service representative. In most trouble conditions, the fire suppression system continues to provide protection to the building and its occupants; however, trouble conditions should not be allowed to remain and should be investigated and remedied as soon as possible to insure proper system operation.

Memory Fault – If panel experiences memory failure, local piezo emits a steady tone, onboard trouble relay transfers, and panel buttons do not respond to user input. Under this condition, the panel no longer provides protection to the building and its occupants. Panel is to be replaced immediately.

2.0 HISTORY AND CONTROL BUTTONS

Step Alarm – Steps through the current ALARM events stored in the panel's Alarm history buffer. Available only if there are active alarm events present on the system.

Step Super – Steps through the current SUPERVISORY events stored in the panel's Supervisory history buffer. Available only if there are active supervisory events present on the system.

Step All – Steps through ALL events stored in the panel's current event history buffer. Press the F5 key to toggle between current events and the panel's entire 3,200 event history buffer.

Drill – Manually activates all outputs and notification appliances circuits assigned for drill operation in the configuration. Press the RESET key to clear the drill activation. Displays drill activation on LCD (liquid crystal display).

Acknowledge – Silences the local piezo sounder and changes all flashing LEDs to steady. All outputs remain active. Creates an acknowledge event in the panel history buffer.

Silence – Silences the local piezo sounder and all silenceable circuits. Illuminates the Yellow SILENCE LED steady and creates a silence event in the panel history buffer.

Reset – Resets the control panel to normal operation. All active control functions (relays and NACs) will deactivate. All display LEDs will illuminate steady until reset is complete. If events are still present on the system, control functions will immediately activate.

Enter – Saves and enters the current configuration settings. Use navigation buttons to change variables at the blinking cursor position.

Escape – Toggles event display from OFF-NORMAL (events present) to SYSTEM NORMAL (no events present) to TOP LEVEL menu.

Function Keys (F1 – F6) – Used to navigate through the control panel's menu system during system operation, maintenance and configuration.

3.0 LED INDICATORS

AC Power – Green LED which illuminates when AC power is applied to the control panel. Turns off when the AC power is removed or is too low for proper operation.

Alarm – Red LED that flashes when the panel enters the Alarm state. Illuminates steady after you acknowledge or silence the event. Turns off after the event is cleared and the control panel is reset.

Trouble – Yellow LED that flashes when the panel enters the Trouble state or if a zone or device is disabled. Illuminates steady after you acknowledge or silence the event. Turns off when all trouble conditions are cleared.

Supervisory – Yellow LED that flashes when the panel enters the Supervisory state or if a zone or device is disabled. Illuminates steady after you acknowledge or silence the event. Turns off when all supervisory conditions are cleared.

Silence – Yellow LED that illuminates steady after a SILENCE switch is pressed (local or remote). Turns off when DRILL or RESET key is pressed.

Pre-Discharge – Red LED that flashes when the panel enters the Pre-discharge state. Illuminates steady after you acknowledge or silence the event. Turns off when the panel is reset.

Release – Red LED that flashes when the panel enters the Release state. Illuminates steady after you acknowledge or silence the event. Turns off when the panel is reset.

Abort – Yellow LED that flashes when the panel enters the Abort state. Illuminates steady after you acknowledge or silence the event. Turns off if the abort condition clears and no other abort events are present.

Ground Fault – Yellow LED that illuminates steady when a ground fault condition is present on the system. Turns off when the ground fault is cleared or the panel is reset.

4.0 MAINTENANCE AND TESTING

To ensure proper and reliable operation of the system, system inspection and testing should be scheduled as required by NFPA 72 and local codes and standards. Only a qualified Service Representative should perform testing or system maintenance.

Before Testing: Notify the fire department and/or central alarm receiving station if alarm conditions are transmitted off-site. Notify facility personnel of the test so alarm sounding devices are ignored during the test period. Physically disconnect all releasing devices.

Before Servicing: Remove AC and battery power before performing any repair or service work on the control panel. Refer to Fike document 06-369-2, "Cheetah Xi™ 50 Operation and Maintenance Manual" for maintenance instructions.

5.0 IN CASE OF TROUBLE CONTACT:

Name: _____

Address: _____

Phone #: _____

or Fike Protection Systems
Customer Service Department
(800) 979-FIKE (3453) or
(816) 229-3405

Refer to Fike document 06-369-2, "Cheetah Xi™ 50 Operation and Maintenance Manual" for additional information.