



## FCC DIGITAL PAGING SYSTEM OPERATING INSTRUCTIONS

CyberCat™ Control System  
Emergency Communication System/Mass Notification System



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

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

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### 1.0 OPERATION

#### Normal Standby

1. Green Power LED on the Paging Control Card will be lit steady.
2. All audibles off.

#### System Event (Voice or MNS)

1. LEDs that correspond to the event will turn on to indicate the status of the system.
2. Notify the monitoring service and/or the Fire Department immediately. Tell them briefly what happened and what your current status is.
3. If the Fire Department is responding, be prepared to provide directions to arriving firefighters.
4. Refer to the fire alarm panel operational posting for operating instructions.
5. Utilize the control buttons and/or paging microphone to communicate information about the event to building occupants.

#### System Trouble/Supervisory

1. Press the Local Audible Silence button to silence the local audible on the remote paging card.
2. Notify the monitoring service and/or Fire Department if the host fire alarm panel is connected to either one, and tell them what is happening.
3. Refer to the fire alarm panel operational posting for operating instructions.
4. Utilize the control buttons and/or paging microphone to communicate information about the event to building occupants.

### 2.0 PAGE IN STANDBY OR ALARM

1. Select the Paging Source (Microphone or Fire-Phone):
  - a. Press the Microphone button to select the MIC as the paging source. Red LED will illuminate steady to indicate source selection.
  - b. Press the Fire-Phone button to select the fire-phone as the paging source. Red LED will illuminate steady to indicate source selection.

**Note:** Resetting the panel or digital paging card will automatically set the microphone as the paging source for the system (default).

2. Press the corresponding page button to initiate the selected paging function (See Section 5.0 for description).
  - a. If the buttons red LED is off (inactive), it will flash to indicate the switch selection; then will illuminate steady to indicate the system is page ready. The green Local Page Active LED will illuminate.
  - b. If the buttons red LED is already on (active) and the red Remote Page Active LED is illuminated, the selected page command has been initiated from a remote location. If the selected button is set to a lower priority than the currently active page button, transfer of page control will be denied. The red LED will flash and then return to its current operational state (active or inactive). If the selected button is set to a higher or equal priority than the currently active page button, paging control will be transferred to this location causing the green Local Page Active LED to illuminate and the red Remote Page Active LED to turn off.
3. Lift the microphone from its holder; then press the push-to-talk button on the side of the MIC.
4. Speak clearly into the microphone to deliver your message.
5. Once finished, press the selected push button again to deactivate the paging function. The red LED will flash and then turn off and the green Local Page Active LED will turn off to indicate restoration to normal operation.

### 3.0 MANUAL MESSAGE ACTIVATION

To initiate a manual message (EVAC, Alert, Play message ID Voice, Play message ID MNS):

1. Press the corresponding button to initiate the selected function (See Section 5.0 for description).
  - a. If the buttons red LED is off (inactive), it will flash to indicate the switch selection; then will illuminate steady to indicate the state is active.
  - b. If the buttons red LED is already on (active), the selected function has been initiated from a remote location. If the selected button is set to a lower priority than the currently active button, cancelation of function will be denied. The red LED will flash and then return to its current operational state (active or inactive). If the selected button is set to a higher or equal priority than the currently active button, the function will cancel and the red LED will flash and then turn off upon confirmation.

## 4.0 LEDS

**Local Page Active** – Green LED which illuminates solid when the control panel has transferred paging control to this LOC. Turns off when the page is cancelled via switch press or a page with a higher priority is initiated from another paging location.

**Remote Page Active** – Red LED which illuminates solid when the control panel has transferred paging control to a remote paging location. Turns off when the page is cancelled via switch press or a page with higher priority is initiated at this location.

**Power** – Green LED which illuminates solid to indicate the presence of DC power on the remote paging card. Turns off when the DC power is removed or is too low for proper operation.

**Trouble** – Yellow LED which blinks to indicate the presence of a trouble event associated with the remote paging card. Illuminates solid when the event is acknowledged by the associated control panel or the local Audible Silence button is pressed. Turns off when the trouble event is cleared.

**MNS/ECS Active** – Red LED which illuminates solid when the control panel has acknowledged activation of the system's MNS operation. Turns off when the MNS system is reset or the MNS state clears.

## 5.0 CONTROL BUTTONS

The paging control card is equipped with ten control buttons. Four are hard coded to perform a specific voice operation. The remaining six can be individually configured to perform any of the operational functions listed below:

**VOICE PAGE TO ALERT (hard coded)** – Press this button to initiate a page to all active Alert areas. Red LED will flash to indicate switch selection; then will illuminate steady once the system is page ready.

**VOICE PAGE TO EVAC (hard coded)** – Press this button to initiate a page to all active EVAC areas. Red LED will flash to indicate switch selection; then will illuminate steady once the system is page ready.

**VOICE PAGE TO ALL (hard coded)** – Press this button to initiate a page to all zones regardless of their active state. Red LED will flash to indicate switch selection; then will illuminate steady once the system is page ready.

**VOICE PAGE TO ALL RECORD & REPEAT (hard coded)** – Press this button to initiate a page to all zones regardless of their active state. Page message (max. 30 seconds long) will be recorded and repeatedly played to all areas. Red LED will flash to indicate switch selection; then will illuminate steady once the system is page ready.

**VOICE ALERT (Zone #)** – Press this button to place the selected zone(s) in the alert state. The assigned Alert message will be played in the selected zone(s). Red LED will flash to indicate switch selection; then will illuminate steady to indicate the zone(s) is in the alert state.

**VOICE EVAC (Zone #)** – Press this button to place the selected zone(s) in the evacuation state. The assigned EVAC message will be played in the selected zone(s). Red LED will flash to indicate switch selection; then will illuminate steady to indicate the zone(s) is in the evacuation state.

**VOICE PAGE (Zone #)** – Press this button to initiate a page to selected zone(s). Red LED will flash to indicate switch selection; then will illuminate steady once the system is page ready.

**VOICE PAGE RECORD & REPEAT** – Press this button to initiate a page to selected zone(s). Page message (max. 30 seconds long) will be recorded and repeatedly played to all areas. Red LED will flash to indicate switch selection; then will illuminate steady once the system is page ready.

**VOICE PLAY MESSAGE ID (Zone #)** – Press this button to play the selected message ID to the selected zone(s). Red LED will flash to indicate switch selection; then will illuminate steady to indicate the zone(s) active state.

**MNS RESET** – Press this button to reset the MNS system. Red LED will flash to indicate switch selection; then will turn off when reset sequence is complete. MNS reset has no effect on the fire alarm system operation, if active.

**MNS SILENCE** – Press this button to silence the MNS system audibles. Red LED will flash to indicate switch selection; then will illuminate steady to indicate that the silence sequence is complete. Additional MNS activations will cause the system to unsilence.

**MNS PAGE (Zone #)** – Press this button to initiate an MNS page to selected zone(s). Red LED will flash to indicate switch selection; then will illuminate steady once the system is page ready. Fire alarm audible and visual devices (if active) will silence as long as the MNS page is active.

**MNS PAGE RECORD & REPEAT** – Press this button to initiate an MNS page to selected zone(s). Page message (max. 30 seconds long) will be recorded and repeatedly played to all areas. Red LED will flash to indicate switch selection; then will illuminate steady once the system is page ready.

**MNS PLAY MESSAGE ID (Zone #)** – Press this button to play the selected MNS message ID to the selected zone(s). Red LED will flash to indicate switch selection; then will illuminate steady to indicate the zone(s) active state.

## 6.0 CONTROL BUTTON PRIORITIES

Fike's VOICE/MNS system utilizes control priority levels to resolve which switch has operational priority over another switch that is programmed for the same operation. Switch functions can only be overridden by switches with same or higher priority.

## 7.0 MAINTENANCE AND TESTING

To ensure proper and reliable operation of the system, system inspection and testing should be scheduled as required by NFPA 72, NFPA 16 or local codes. 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 06-326-2, "CyberCat Operation and Maintenance Manual" for maintenance instructions.

## 8.0 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 06-564, "*Digital Paging Assembly Manual*" for additional information.