10-2741 Paging Control Card
Installation Instructions

DESCRIPTION

The 10-2741, Paging Control Card (See Exhibit 3), is used in conjunction with Digital Paging Module to provide a means for the system operator to manually change the input source for live paging from the integral system microphone to the firefighter's telephone handset. The card must be used on all systems that incorporate firefighter's phones. The card is designed to be mounted to the CyberCat's dead-front door panel.

The card communicates with and receives its operating power directly from the voice systems Digital Paging Card via a ribbon cable connection (P/N 10-2764), sold separately.

COMPATIBILITY

The paging control card is compatible with Fike's CyberCat 254 and CyberCat 1016 panels with firmware version 5.XX.

SPECIFICATIONS

Operating Voltage:	3.3 VDC[1]
Maximum Current:	Alarm = 6 mA (three LEDs on) Standby = 4 mA (one LED on)
Operating Temperature:	0° to 49° C (32°to 120° F) 93% RH

Connections are Non Supervised and Power-Limited
Card Dims: 3.75" (9.53 cm) W x 5.75" (14.6 cm) H

MOUNTING HARDWARE

02-12195	Hardware Kit	
	4153-142	#6 lock washer (qty. 6)
	02-1361	#6-32 hex nut (qty. 6)
	02-12263	Low profile screw mount

LISTINGS AND APPROVALS

UL	S3217
FM	Pending
CSFM	Planned
MEA	Planned
City of Denver	Planned

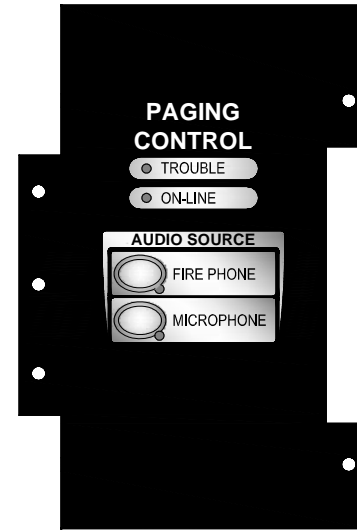[1] Power for the card is provided via a ribbon cable connection to the digital paging module.

Exhibit 1: Paging Control Card

OPERATION

The paging control card allows the system operator to select whether the system microphone or fire-fighter's phone will be used for live paging. By default, the paging control card is set to use the system microphone for live paging. The function of the controls and indicators provided on the card are described as follows:

Fire Phone Switch
Selects the Fire Phone as the live paging source. The fire phone is constantly active. The associated red LED will illuminate solid to indicate the active state of the switch.

Microphone Switch (default)
Selects the Microphone as the live paging source. The associated red LED will illuminate solid to indicate the active state of the switch.

Trouble LED
Yellow LED will illuminate to indicate the presence of a trouble condition on the digital paging module.

On-Line LED
Red LED will illuminate to indicate the active status of the selected paging source. Turns on immediately when Fire Phone is selected.

ⓘ**Note:** When active, the microphone and fire phone switch can be used to silence the audible on the digital paging card, simply by pressing the active switch once. Pressing the active switch three times within 1.5 seconds will reset the card.

INSTALLATION

The following installation instructions must be strictly adhered to when installing the card to prevent potential damage to the card and the associated control panel. A dead-front enclosure must be used in order to properly mount the card inside the control panel. Refer to the associated control panel manual for system enclosure information.

⚠️**Caution**
The card and associated control panel contains static sensitive components. Always ground yourself with a proper wrist strap before handling any circuits so that static charges are removed from the body. Use anti-static packaging to protect electronic assemblies removed from the unit.

⚠️**Caution**
Never remove or install boards, internal cables or components with power applied. Failure to follow the instructions provided in this section can result in irreparable damage to the system components. This damage may adversely affect the operation of the control unit but its effect may not be readily apparent.

1. Carefully unpack the card and check for shipping damage.

2. The paging control card must be installed in the card opening directly adjacent to the CyberCat's extended display. Install the paging control card onto the four threaded standoffs (See Exhibit 2).

3. Secure the card to the dead-front panel using the four hex nuts provided with the panel enclosure.

4. Route the interface cable from the paging control card behind the CyberCat control board and digital paging module (See Exhibit 3).

5. Connect cable to terminal J1 on the digital paging module.
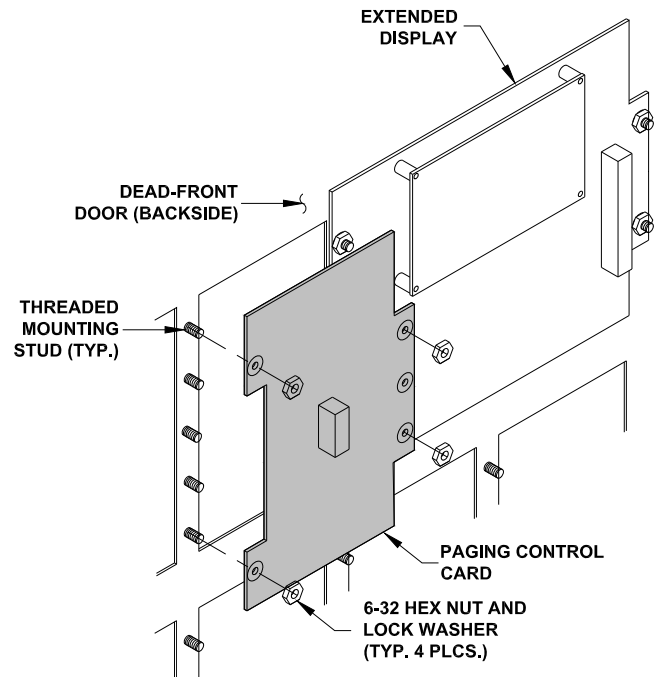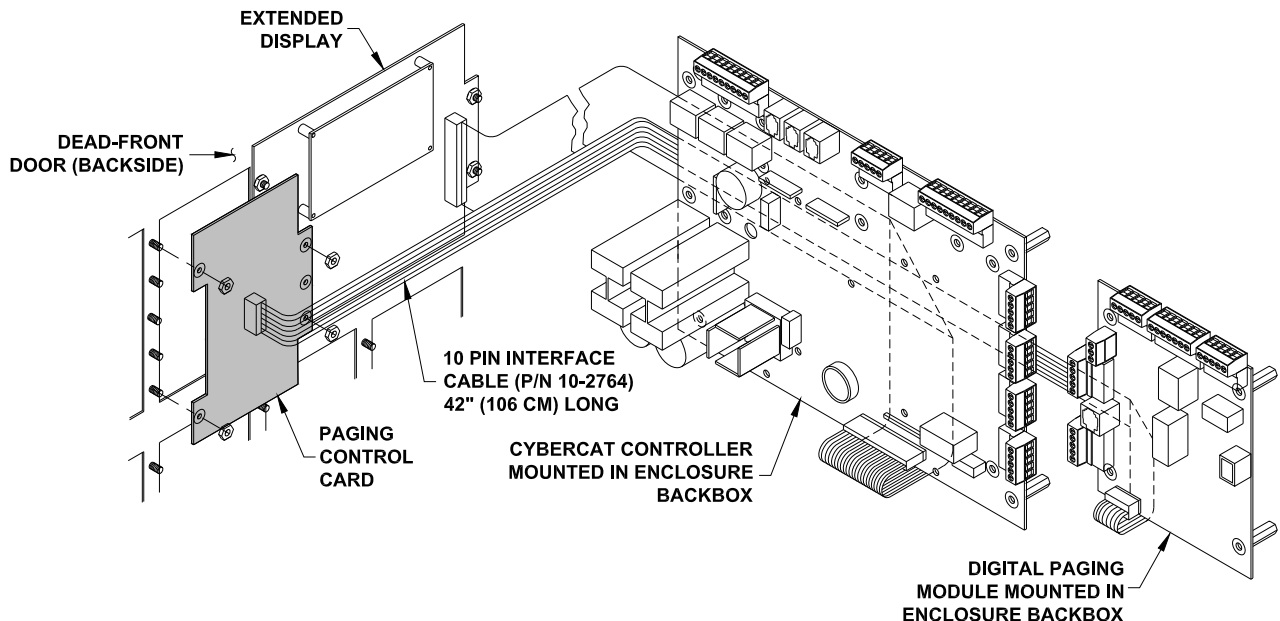

Exhibit 2: Mount Card to Deadfront Panel

Exhibit 3: Interface Cable Connection to Digital Paging Module