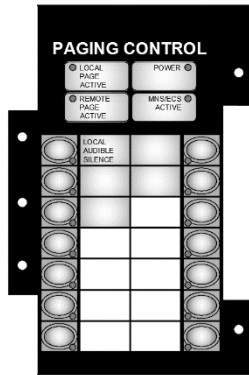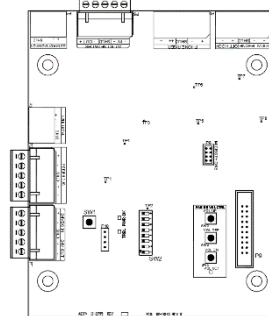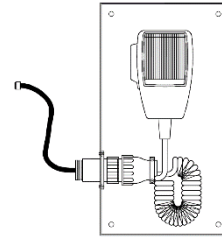## LOCAL OPERATING CONSOLE DIGITAL PAGING ASSEMBLY

LOC Paging Control Card
P/N 10-2798

LOC Digital Paging Card
P/N 10-2816

LOC Microphone Housing
P/N 10-2813

Features

- Provides remote paging and voice control capabilities for the Fike Emergency Communication System (ECS).
- Delivers optimum sound quality through a Class A audio network riser.
- Compatible with CyberCat® 50, 254, and 1016 panels (firmware v6.xx and higher).

General

This assembly is the primary component of the Fike Local Operating Console (LOC) and includes a Digital Paging Card, Paging Control Card, and Microphone Housing. The assembly connects to the ECS audio network riser to distribute live audio signals (paging) to system amplifiers; the assembly can also distribute custom stored voice messages to specific zones when needed. LED lights provide system status indications when an event is acknowledged by a control panel, when there is a trouble event associated with the paging system, and when an event is cancelled.

Approvals

Underwriters Laboratories (UL) • Factory Mutual (FM)
Calif. State Fire Marshal (CSFM) • New York Cert. of Approval (COA)

For exact certification listings, please see the respective agency web site.

Specifications

Mounting	
Ambient Temp.	0 - 49°C (32 - 120°F)
Ambient Humidity	93% Non-condensing @ 32°C
Power Input	15-30 VDC
Current Rating	103 mA standby (power LED on) 140 mA alarm (all LEDs on)
Peripheral Bus	
Configuration	Class A or B (no T-tapping)
Format	RS485
Circuit Length	4000 ft. (1,219 M) max panel to last device
Circuit Resistance	96 ohms max
Circuit Termination	100 ohm termination resistor (P/N 02-2519), Class B only
Wire Type	Belden 9841 or equal
Audio Network	
Configuration	Class A
Format	RS485
Circuit Length	4000 ft. (1,219 M) max between devices
Wire Type	Belden 9841 or equal
Devices	128 maximum number of connected components

This document is only intended to be a guideline and is not applicable to all situations.
Information is subject to Fike's full disclaimer at http://www.fike.com/disclaimer.

Paging Control Card

Switch/Component	Color	Function
Local Page Active	Green	• Illuminates solid when control panel acknowledges switch press. • Turns off when page is cancelled via switch press or when a remote page with same or higher priority is initiated.
Remote Page Active	Red	• Illuminates solid when control panel acknowledges switch press. • Turns off when page is cancelled via switch press or when a local page with same or higher priority is initiated.
Power	Green	• Illuminates solid to indicate presence of power on LOC digital paging card.
Trouble	Yellow	• Blinks to indicate a trouble event associated with the LOC digital paging card. • Illuminates solid if event is acknowledged at associated control panel. • Turns off when trouble event is cleared.
MNS/ECS Active	Red	• Illuminates solid when control panel acknowledges activation of MNS contact input on the FCC digital paging card (P4), or when a switch assigned to an MNS function is pressed. • Turns off when contact monitor input is no longer active (non-latching), MNS reset is pressed, or MNS button is pressed a second time to cancel function.

Local Audible Silence	Red	• Illuminates solid to indicate local piezo silenced on LOC digital paging card, if active.
		• Turns off when trouble event is cleared.
		• Initiates programmed voice/MNS command to assigned zone(s) at switch press. (See Custom Command Options below for details.)
		   o Associated LED flashes until control panel acknowledges button press, based on switch priority level.
		   o Associated LED illuminates solid to indicate zone(s) in active state.
		   o Associated LED flashes and then returns to current operational state (on or off) if command is not received by control panel, or if a switch/input of higher priority is active.
		• Sends cancel command to control panel when switch is pushed a second time.
		   o Associated LED flashes until control panel acknowledges button press, based on switch priority level.
		   o Associated LED turns off.

Custom Command Options		
Voice Alert	Red	• Places selected zone(s) into "alert" state, assigned alert message plays.
Voice Evac	Red	• Places selected zone(s) into "evacuation" state, assigned EVAC message plays.
Voice or MNS Page	Red	• Initiates page to selected zone(s) via system microphone or fire-phone.
Voice or MNS Play Message ID (by zone)	Red	• Places message ID(s) in selected zone(s).
Voice Page to Alert	Red	• Initiates page to all active alert zone(s).
MNS Reset	Red	• Resets MNS system (voice events not affected).
MNS Silence	Red	• Silences active MNS events (voice events not affected).

Ordering Information

Fike P/N	Description
10-2814-1-0-01-0-1-01	Local Operating Console Digital Paging Assembly
Assembly includes:	- LOC Paging Card - LOC Digital Paging Control Card - LOC Microphone Housing - LOC Interface Cable Assembly
Spare Parts	
10-2798	LOC Paging Control Card
10-2813	LOC Microphone Housing
10-2816	LOC Digital Paging Card