

## CONVENTIONAL FIRE ALARM CONTROL UNIT FA-1008KADS



### Description

Mircom's FA-1008KADS Fire Alarm Control Unit is a microprocessor based unit designed for maximum flexibility and easy installation. Fully configurable from the front panel using the push buttons and DIP switches, it enables the user to configure the system to meet their specific requirements.

The FA-1008KADS consists of one MCC-1024-6ADS Main Chassis in a UB-1024DS back box with a DOX-1024DS door. The MCC-1024-6ADS Main Chassis comes complete with 8 Class B (Style B) Initiating Circuits which may be configured as 4 Class A (Style D) Circuits. It can be expanded up to 24 Class B or 12 Class A circuits with the addition of the DM-1008A Initiating Circuit Module. In addition it comes equipped with 4 Class A/B (Style Z/Y) Indicating circuits which are each rated at 1.7 Amps. The Main Chassis also includes a 6 Amp Power Supply which powers the system and supplies two 4-wire resettable regulated smoke power supply of 24 VDC 200mA maximum each.

The MCC-1024-6ADS also allows for the addition of two SGM-1004A Signal Modules or two RM-1008A Relay modules in place of the DM-1008A Initiating Circuit Adder Modules. (Maximum of 3 Adder modules) The backbox provides space for up to 18 AH Gel Cell batteries.

### Features

- Listed to UL 864, 9th edition
- 8 Class B (Style B) Initiating Circuits which may be configured as 4 Class A (Style D) Circuits. Expandable up to 24 Class B or 12 Class A Initiating Circuits
- 4 Class A/B (Style Z/Y) Indicating Circuits with individual trouble indicators (1.7 Amps max. per circuit)
- Each Indicating Circuit can be configured as Silenceable or Non-Silenceable. Audibles may be configured as Steady, Temporal Code, California Code or March Time
- Each Initiating Circuit can be configured as Alarm, Supervisory, Waterflow or Trouble
- Two LEDs per Initiating circuit; one for Trouble and one for Status
- Initiating and Indicating Circuits may be individually disconnected by a DIP switch
- Configurable Signal Silence Inhibit, Auto Signal Silence, Two-Stage Operation and One Man Walk Test
- Alarm Verification on Initiating Circuits
- Subsequent Alarm, Supervisory and Trouble operation
- Two outputs for 4 wire resettable smoke power supply (200 mA Max. each)
- Auxiliary relay contacts for Common Alarm and Common Supervisory as well as a Common Trouble Relay (Each relay contact Form C, 28 VDC @ 1 Amp (resistive))
- RS-485 Interface for RA-1000 Remote Multiplex Annunciators
- Interface for Remote Trouble Indicator
- Easy configuration via push buttons and DIP switches on the front panel
- Extensive Transient Protection
- 6 Amp Power Supply

### Optional Modules

- UDACT-300A Digital Communicator
- PR-300 Polarity Reversal and City Tie Module



CATALOG NUMBER **5627**

NOT TO BE USED FOR INSTALLATION PURPOSES.

Mircom reserves the right to make changes at any time without notice in prices, colours, materials, components, equipment, specifications and models and also to discontinue models.

## Application

The Mircom FA-1008KADS is designed as an economical Microprocessor Based Fire Alarm Control Unit which is expandable up to 24 display points. Its modular design suits various applications. Ideal for applications such as small institutional and commercial buildings, shopping malls, offices and public establishments, the FA-1008KADS is configurable to meet virtually all requirements. The unit is designed to be easy in its installation, operation and maintenance. This makes the system cost effective and very reliable for its intended applications.

## Dimensions

(minus built-in trim ring): 26"H x 14.5"W x 4.2"D

## Electrical Ratings

<b>AC Line Voltage</b>	120V 60Hz / 240V 50 Hz, 2A / 1A primary	
<b>Power Supply Ratings</b>	6 Amps. max. (secondary)	
<b>For Indicating Circuits</b>	24VDC unfiltered, 5 Amps maximum	
<b>Charging Capability</b>	10-24 AH batteries	
<b>Current Consumption</b>	Standby	200 mA
	Alarm	350 mA

## Ordering Information

Model	Description
<b>Fire Alarm Control Unit</b>	
FA-1008KADS	Microprocessor Based Fire Alarm Control Unit expandable up to 24 display points. Includes MCC-1024-6ADS Main Chassis, UB-1024DS back box and DOX-1024DS white door.
<b>Adder Modules</b>	
DM-1008A	Eight Class B (Style B) or 4 Class A (Style D) Initiating Circuit Module
SGM-1004A	Four Class A/B (Style Z/Y) Notification Appliance Circuit Module (Rated at 1.7 Amps per circuit)
RM-1008A	Eight Relay Circuit Module c/w eight Form C relays (Rated for 28 VDC @ 1 Amp. max. per relay)
<b>Auxiliary Modules</b>	
UDACT-300A	Digital Alarm Communication Transmitter/Dialer Module
PR-300	Polarity Reversal and City Tie Module
<b>Remote Annunciators</b>	
RAM-1016TZDS	Main Remote LED Annunciator c/w 16 Bi-Colored LEDs and 16 Trouble LEDs
RAM-1032TZDS	Main Remote LED Annunciator c/w 32 Bi-Colored LEDs and 32 Trouble LEDs
RAX-1048TZDS	Programmable LED Annunciator Module c/w 48 Bi-Coloured LEDs and 48 Trouble LEDs
RTI-1	Remote Trouble Indicator
BB-1001	Remote Enclosure. Houses one module. Add suffix "R" for red door.
BB-1002	Remote Enclosure. Houses two modules. Add suffix "R" for red door.
BB-1003	Remote Enclosure. Houses three modules. Add suffix "R" for red door.
<b>End of Line Resistors</b>	
MP-300	EOL Resistor Plate
MP-300R	EOL Resistor Plate, Red

NOT TO BE USED FOR INSTALLATION PURPOSES.



**Canada**

25 Interchange Way  
Vaughan, Ontario L4K 5W3  
Telephone: (905) 660-4655  
Fax: (905) 660-4113

**U.S.A.**

4575 Witmer Industrial Estates  
Niagara Falls, NY 14305  
Toll Free: (888) 660-4655  
Fax Toll Free: (888) 660-4113

Distributed by:

Web page: <http://www.mircom.com> Email: [mail@mircom.com](mailto:mail@mircom.com)

ISO 9001:2008  
REGISTERED



CAT. 5627  
Rev. 0