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# FMM-7045 Series Multiplex Addressable Manual Stations



- ▶ Easy addressing with rotary switches
- ▶ Low current draw
- ▶ Key-lock reset
- ▶ Replaceable scored acrylic breakrod option
- ▶ Terminal connections
- ▶ ADA compliant
- ▶ UL Listed

The FMM-7045 Series Multiplex Manual Stations are UL Listed fire alarm initiating devices that can be connected along with other multiplex devices on the D7039 Multiplex Expansion Module. The D7024 Addressable Fire Alarm Control Panel (FACP) supervises the entire multiplex loop, including the FMM-7045 or FMM-7045-D manual stations, for troubles, alarms, and ground fault conditions. Because each manual station occupies only one address on the multiplex bus, it can be addressed for any point within the 9 to 255 range allowed by the multiplex expansion module.

These manual stations are generally installed near building exits such as stairways and doors, allowing persons evacuating the building to activate the fire alarm. They have optional scored acrylic breakrods and a pull handle that locks in the activated position, to allow easy identification of alarm activation points.

These manual stations are high-quality units constructed entirely of non-toxic materials. They have a low profile and rounded edges to fit most design applications. All components are painted or have plated surfaces to inhibit corrosion. Non-corroding screw terminals are provided for wire connections. They are manufactured in conformance with the standards set forth in the Americans with Disabilities Act (ADA).

## Functions

### Alarm Action

The single-action FMM-7045 has a white pull-down lever in its center; while the dual-action FMM-7045-D has a white push lever above the white pull-down lever in its center. Pulling down the pull-down lever latches it into place and sends an alarm signal to the control panel over the multiplex bus. The pull-down lever cannot be reset unless the correct key is inserted into the manual station's lock and the unit opened. The latching lever can then be restored to its normal position.

## Certifications and Approvals

Listings and Approvals:	UL UNIU: Boxes, Non-Coded (UL38)
Approvals:	CSFM: 7150-1615: 122
Complies with:	Americans with Disabilities Act (ADA 4.28.3) National Fire Protection Association (NFPA 72)

## Installation/Configuration Notes

### Compatibility Information

The FMM-7045 Series Multiplex Manual Stations are compatible with a D7024 FACP with firmware revision 2.0 or greater with a D7039 Multiplex Expansion Module

### Addressing

Addresses are set using three rotary switches. Refer to the *D7024 Installation Manual* (P/N: 31499 ) and the *FMM-7045 Series Multiplex Manual Stations* (P/N: F01U001402) for programming information.

### Mounting

The FMM-7045 manual stations are for indoor use only. The FMM-7045 manual stations flush mount on a standard four-inch square back box with a single-gang mud ring at least 0.625 in. (1.6 cm) deep. For surface mounting, use an FMM-100BB-R Surface-mount Back Box.

### Wiring

The terminal block accepts wiring up to 12 AWG (2.3 mm) in diameter. Refer to the *D7039 Installation Instructions* (P/N: 38685) for multiplex wiring information.

## Parts Included

Quant.	Component
1	Manual station
1	FMM-100GR Scored Acrylic Breakrod
1	D102 Key (1358)
1	Literature pack

## Technical Specifications

### Environmental Considerations

Radio Frequency Interference (RFI) Immunity:	No alarm on critical frequencies in the range from 26 MHz to 950 MHz at field strengths less than 30 V/m.
Temperature (Operating):	+32°F to +120°F (0°C to +49°C)

### Mechanical Properties

Dimensions (H x W x D):	4.75 in. x 3.75 in. x 3.25 in. (12 cm x 9.5 cm x 8.2 cm)
Material:	Die cast zinc alloy and steel

### Power Requirements

Current Draw (Mux Bus Average):	Alarm: 0.55 mA Standby: 0.55 mA
Voltage (Operating):	12 VDC nominal (provided by the MUX bus)

## Ordering Information

FMM-7045 Single-Action Manual Station	FMM-7045
FMM-7045-D Double-Action Manual Station	FMM-7045-D

### Hardware Accessories

D102 Replacement Key	D102
FMM-100BB-R Surface-mount Back Box (red)	FMM-100BB-R
FMM-100GR Scored Acrylic Breakrods	FMM-100GR

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