FMM-325A Analog Manual Stations

www.boschsecurity.com







- Digital data communications and power provided over two-wire circuit
- ▶ EEPROM addressing in module unit
- Rugged die-cast housing and corrosion resistant construction
- ▶ Single-gang mounting
- ► Latching alarm lever

These manual stations are used in the polling circuit of the Bosch Security Systems, Inc.'s FPA-1000 Analog Addressable Fire Panels, and the D9024, D8024, and D10024A Fire Alarm Control Panels (FACP). They communicate with the control panel (both power and data) over a two-wire polling circuit.

The manual station's address on the polling circuit is set by programming an EEPROM microchip. The D5070 Analog Device Programmer is required to set the address.

All commercial buildings use manual stations. These manual stations allow people evacuating a building to initiate an alarm. The FACP identifies the alarm point on the polling circuit and the alarm lever latches in the pulled position.

Certifications and approvals

ADA	Complies with Americans with Disabilities Act ADA 4.28.3
NFPA	Complies with National Fire Protection Association NFPA 72

Region	Certification	
USA	UL	UNIU: Boxes, Non-Coded (UL38)
	CSFM	see our website

Installation/configuration notes

Compatibility Information

The following table lists products compatible with these manual stations:

Active products:	
FPA-1000 Analog Addressable Control Panel	
D5070 Programmer	
Legacy products:	
Legacy products: FPA-1000-UL Compact Fire Panel	

Mounting Considerations

These manual stations are for indoor use only. They have die-cast housings that flush mount on a single-gang back box. For surface mounting, use an FMM-100BB-R Surface-mount Back Box.

Parts included

Component
Manual station
FLM-325-IM Point Contact Module
FMM-100GR Scored Acrylic Breakrod
D102 Key (#1358)
Literature pack

Technical specifications

Electrical

Current		
Alarm:	28 mA	
Polling:	22 mA ± 20%	
Standby:	0.35 mA typical	
Voltage		
Input:	24 VDC nominal	
Operating:	17 VDC to 41 VDC	

Environmental

Temperature	+14°F to +120°F (-10°C to +49°C)
(operating):	

Mechanical

Activation Force:	5 lb (2.3 kg)
Dimensions (H x W x D):	4.75 in. x 3.2 in. x 0.875 in. (12.1 cm x 8.1 cm x 2.2 cm)
Material:	Painted die-cast metal

Ordering information

FMM-325A Single-action Manual Station

The single-action manual station is UL listed for commercial fire applications and meets Americans with Disabilities Act (ADA) requirements. Its address on the polling circuit is set by programming an EEPROM microchip with the D5070 Analog Device Programmer.

Order number FMM-325A

FMM-325A-D Double-action Manual Station

The double-action manual station is UL listed for commercial fire applications and meets Americans with Disabilities Act (ADA) requirements. Its address on the polling circuit is set by programming an EEPROM microchip with the D5070 Analog Device Programmer.

Order number FMM-325A-D

Accessories

D102 Replacement Key

Replacement key (#1358) for LOCK-1358 and the D101 lock.

Order number **D102**

FMM-100BB-R Surface-mount Back Box (red)

Red cast-metal back box Order number FMM-100BB-R

FMM-100GR Scored Acrylic Break Rods

Scored acrylic rods (12 per package)

Order number FMM-100GR

Represented by:

Americas:

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180 security.sales@us.bosch.com www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V. P.O. Box 80002 P.O. Box 80002 5617 BA Eindhoven, The Netherlands Phone: + 31 40 2577 284 Fax: +31 40 2577 330 emea.securitysystems@bosch.com www.boschsecurity.com

Asia-Pacific:

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security
Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

China:
Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398 www.boschsecurity.com.cn

America Latina:

America Latina:
Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com