D1255RB Fire Keypad

www.boschsecurity.com

BOSCH
Invented for life

- Compatible with Bosch GV4 control panels, GV3 control panels, and GV2 control panels (firmware version 7.04 and higher)
- Built-in multi-tone sounder
- Easy to read vacuum fluorescent display (VFD) shows complete system status in English
- Easy system control with menu keys
- User controlled brightness and volume

The D1255RB Fire Keypad is a full-function system controller and annunciator. This SDI bus compatible device works with the Bosch Security Systems, Inc. GV4 control panels, GV3 control panels, and GV2 control panels (firmware version 7.04 and higher). The illuminated keypad has a 16-character vacuum fluorescent display (VFD) with each character a 14-segment unit and a sounder that emits distinct condition tones.

Functions

Display
The display uses words, numbers, and symbols to show the status of the fire system. When several events occur, each event is shown in order of priority followed by the time of occurrence. In conjunction with the 16-character VFD, four LEDs provide the following system status indications:

- Fire
- Silenced
- Supervisory
- Trouble

Keys
The keypad has ten numeric keys and five function keys. Use the [COMMAND] key with the numeric keys to perform a function. Use the [ENT] key or [YES] key to enter your passcode. When pressed, each key emits light and a muted beep.

Audible Tones
The sounder emits distinct warning tones. You can adjust the volume or use a passcode to silence the tone. The tones include:

- Fire signal: pulsed high-pitched bell tone during fire alarm
- Invalid key buzz: buzz tone when invalid key is pressed
- Keypad encoding tone: muted beep tone as each key is pressed
- Trouble buzz: two-tone warble during a trouble event

Certifications and approvals

Region	Certification	
USA	FM	
	UL	UOXX: Control Unit Accessories, System (ANSI/UL 864)

Region	Certification	
	FDNY-CoA	6059
	CSFM	7167-1615:0243
	CSFM	7165-1615:0242
	CSFM	7165-1615:0238
	CSFM	7165-1615:0119

Installation/configuration notes

Compatible Control Panels

The D1255RB Fire Keypad is compatible with the GV4 control panels[1], GV3 control panels[1] and the GV2 control panels[1] with firmware version 7.04 or higher. The keypad will work with G Series Control Panels prior to GV2 v7.04; however the LEDs will not operate.

[1] The D7212GV4, D7212GV3, and D7212GV2 are not listed for commercial fire applications.

Mounting Considerations

The keypad is a low profile, surface-mounted unit molded in durable red plastic with three mounting holes in the base that allow secure, correct positioning during installation. Protect the surface-mounted keypad by mounting it to a D56 or D56R Conduit Back Box. For desktop applications, the keypad can be mounted to a D55 Desk Stand.

Notice

Do not install the keypad in direct sunlight. This damages the module components and makes the display less visible. Do not mount in wet or moist locations.

Wiring Considerations

The keypad connects to the control panel for data and power through a standard four-wire flying lead cable. For field wiring use 0.8 mm (22 AWG) or 1.2 mm (18 AWG) wires. Resistance cannot exceed 25 Ω. The field wiring connects to a four-wire harness supplied with the unit.

Notice

Use shielded cable where excessive electromagnetic interference is a problem.

Parts included

Quantity	Component
1	Keypad
1	Hardware pack
1	Literature pack

Technical specifications

Environmental Considerations

Relative Humidity:	5% to 85% non-condensing at +30°C (+86°F)
Temperature (operating):	0°C to +50°C (+32°F to +122°F)

Mechanical Properties

Color:	Red and gray
Dimensions:	11.7 cm x 21 cm x 2 cm (4.6 in. x 8.2 in. x 0.8 in.)
Material:	CHI MEI POLYLAC PA757 ABS with UV Stabilizer. UL94-HB Fire Rated

Power Requirements

Current:	104 mA minimum, 225 mA maximum
Voltage:	12 VDC nominal supplied by the control panel

Trademarks

Due to the nature of this material, this document refers to hardware and software products by their trade names. In most, if not all cases, these designations are claimed as trademarks or registered trademarks by their respective companies in one or more countries. It is not Bosch's intent to use any of these names generically. The reader is therefore cautioned to investigate all claimed trademark rights before using any of these names other than to refer to the product described.

POLYLAC is a registered trademark of CHI MEI Industrial Corporation, LTD.

Plexiglas is a registered trademark of Arkema.

Ordering information

D1255RB Fire Keypad
Red and gray case.
Order number **D1255RB**

D55 Keypad Desk Stand
Portable desk stand in smoke colored Plexiglas.
Order number **D55**

D56 Surface Mount Conduit Box
White surface mount box.
Order number **D56**

D56R Red Surface Mount Conduit Box
Red surface mount box.
Order number **D56R**

Represented by:

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
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

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:
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:
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
al.securitysystems@bosch.com
www.boschsecurity.com

© Bosch Security Systems 2013 | Data subject to change without notice
2528969995 | en, V5, 04. Jan 2013