

D1255RB Keypad, fluorescent, red/grey, SDI

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The D1255RB Fire Keypad is a full-function system controller and annunciator. This SDI bus device works with several combined intrusion/fire control panels by Bosch. 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.

- ▶ Compatible with several combined intrusion/fire control panels by Bosch
- ▶ 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

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	Regulatory compliance/quality marks	
USA	UL	UOXX: Control Unit Accessories, System (ANSI/UL 864)
	UL	UL 864 - Standard for Control Units and Accessories for Fire Alarm Systems (10th edition)
	FM	
	CSFM	California State Fire Marshal
	FDNY-CoA	6286 D7412GV4 D9412GV4 NYC COA 6286 2018-2021

Region	Regulatory compliance/quality marks	
	FDNY-CoA	6059 [D9412GV3 & D7412GV3]
	FDNY-CoA	6196

Installation/configuration notes

Compatible Control Panels

- B9512G/B9512G-E
- B8512G/B8512G-E
- D9412GV4/D7412GV4/D7212GV4¹
- D9412GV3/D7412GV3/D7212GV3¹
- D9412GV2/D7412GV2/D7212GV2¹

¹The 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.

Trademarks

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Parts included

Quantity	Component
1	Keypad
1	Hardware pack
1	Literature pack

Technical specifications

Environmental Considerations

Relative humidity	5% to 93% at +32°C (+90°F)
Temperature (operating)	0°C to +49°C (+32°F to +120°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

Ordering information

D1255RB Keypad, fluorescent, red/grey, SDI

Red and gray case.

Order number **D1255RB**

Accessories

D55 Keypad desk stand

Portable desk stand in smoke colored Plexiglas.

Order number **D55**

D56 Conduit box, surface-mount, white

White surface mount box.

Order number **D56**

D56R Conduit box, surface-mount, red

Red surface mount box.

Order number **D56R**