

D1255 Series Keypads



Security Systems



- Compatible with Bosch G Series Control Panels
- Compatible with D9124 Addressable Fire Alarm Panel
- Easy to read vacuum fluorescent display
- Easy system control with menu keys
- User controlled brightness and volume
- Installer configured menus, text, and custom functions
- Multiple or single area configurations

The D1255 Series includes the following keypad models:

Classic Design	Modern Design
D1255: off-white	D1255B: white and gray
D1255W: white	
D1255R: red	

Each D1255 Series Keypad model is an SDI bus compatible device that works with the Bosch G Series Control Panels and the Bosch D9124 Addressable Fire Alarm Panel. Each keypad model has an illuminated keypad, 16-character English language vacuum fluorescent display, and a sounder that emits eight tones.

System Overview

Use D1255 Series Keypad models in applications for system controllers and annunciators:

- For commercial use, install the keypad in building entrances and areas with unrestricted access. Mounting a keypad near exterior doors in hotel or business lobbies allows people to identify the type and location of the emergency.
- For residential use, install the keypad near the front and rear entrances to the home. Install additional keypads in a kitchen or in a bedroom.
- Use multiple keypads in a large building with many separate areas of security. Program multiple keypads to control multiple areas.
- Install the keypad in locations that are hidden from view. Audible tones from the keypad sounder alert personnel to fire events and assist fire fighters in locating the keypad.

Functions

Display

Every D1255 Series Keypad model uses words, numbers, and symbols to show the status of the security system. When several events occur, each model shows each event in order of priority.

Keys

Each D1255 Series Keypad model 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 eight distinct warning tones. You can adjust the volume or use a passcode to silence the tone. The tones include:

- Burglary Signal: steady high-pitched bell tone during alarm.
- Fire Signal: pulsed high-pitched bell tone during fire alarm.
- Entrance Warning: intermittent beep tones during entry delay periods.
- Exit Warning: intermittent beep tones during exit delay periods.
- Invalid Key Buzz: buzz tone when an invalid key is pressed.
- Keypad Encoding Tone: muted beep tone as each key is pressed.
- Trouble Buzzer: two-tone warble during a trouble event.
- Watch Tone: intermittent beep tone when a watch point is faulted.

Certifications and Approvals

Keypad Model	Certifications and Approvals
All Models	UL365, Police Station Burglar Alarm Units and Systems UL609, Local Burglar Alarm Units and Systems UL864, Control Units for Fire-Protective Signaling Systems UL985, Household Fire Warning System Units UL1023, Household Burglar Alarm System UL1076, Proprietary Alarm Units Units UL1610, Central-Station Burglar-Alarm Units Units UL1635, Digital Alarm Communicator System Units
D1255, D1255R, and D1255W	CSFM
D1255 Only	FM, MEA

Installation/Configuration Notes

Compatibility Information

Control Panels with SDI bus	D9412G, D7412G, D9412, D7412, D7212, D9112, and D9124 D7212G with firmware version 6.41 or higher
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Mounting Considerations

- Do not mount any of the D1255 Series Keypad models in a location exposed to direct sunlight. Direct sunlight can interfere with screen visibility and damage internal components.
- Do not mount any of the D1255 Series Keypad models in damp locations.

Power Supplies

A compatible Bosch Control Panel supplies the power and data requirements to a D1255 Series Keypad model through a four-wire connection.

Wiring Considerations

Use 22 AWG (0.8 mm) or 18 AWG (1.2 mm) wire. Resistance cannot exceed 25 Ω . Each D1255 Series Keypad model includes a wiring assembly of four color-coded flying leads and one female four-pin connector.

Technical Specifications

Connections

Connections:	Four-wire flying lead for data and power
Resistance:	25 Ω maximum

Display Window	16-character vacuum fluorescent display Each character is a 14-segment unit
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Environmental Considerations

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

Indicators	Illuminated keys Warning and indicating tones
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Keypad

Dimensions (H x W x D) for D1255, D1255W, and D1255R:	4.6 in. x 8.2 in. x 0.8 in. (11.7 cm x 21 cm x 2 cm)
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Dimensions (H x W x D) for D1255B:	5 in. x 7.9 in. x 1.3 in. (12.6 cm x 20 cm x 3.2 cm)
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Weight for All Models:	15.5 oz (439 g)
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Material for All Models:	CHI MEI POLYLAC® PA757 ABS with UV Stabilizer. UL94-HB Fire Rated
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Number of...

D1255 Series Keypad	8 supervised 32 unsupervised
Models per Control Panel:	

Power Requirements

Voltage:	Nominal 12 VDC
Current:	Idle 104 mA, armed or disarmed Maximum 206 mA, with keypad lit and warning tone on

Trademarks

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

Ordering Information

D1255 Keypad (Off-White Classic Case)	D1255
D1255W Keypad (White Classic Case)	D1255W
D1255R Keypad (Red Classic Case)	D1255R
D1255B Keypad (White and Gray Modern Case)	D1255B

Hardware Accessories for D1255, D1255R, and D1255W

D54B Brass Flush Mount Kit	D54B
D54C Stainless Steel Flush Mount Kit	D54C

Hardware Accessories for All Models

D55 Keypad Desk Stand	D55
D56 Surface Mount Conduit Box	D56
D56R Red Surface Mount Conduit Box	D56R

Bosch Security Systems

For more information please visit
www.boschsecuritysystems.com

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