

D1255 Series VFD Keypads

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Invented for life



- ▶ Easy to read vacuum fluorescent display (VFD)
- ▶ Easy system control with menu keys
- ▶ User controlled brightness and volume
- ▶ Installer configured menus, text, and custom functions
- ▶ Multiple or single area configurations

Each D1255 Series VFD Keypad model is an SDI bus compatible device that works with the G Series Control Panels and the D9124 Addressable Fire Alarm Panel. Each keypad model has an illuminated keypad, 16-character English language vacuum fluorescent display (VFD), 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 10 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

Region	Regulatory compliance/quality marks
USA	UL D1255: AMCX: Central Station Alarm Units (UL1610, UL1635), AMCX7: Central Station Alarm Units Certified for Canada (cULus), AMTB: Control Panels, SIA False Alarm Reduction, AOTX: Local Alarm Units (UL464, UL609), AOTX7: Local Alarm Units Certified for Canada (cULus), APAW: Police Station Alarm Units (UL365, UL464), APAW7: Police Station Alarm Units Certified for Canada (cULus), APOU: Proprietary Alarm Units (UL1076), APOU7: Proprietary Alarm Units Certified for Canada (cULus), NBSX: Household Burglar Alarm System Units (UL1023), NBSX7: Household Burglar Alarm System Units Certified for Canada (cULus), UTOU: Control Units and Accessories - Household System Type (UL985), UTOU7: Control Units and Accessories - Household System Type Certified for Canada (cULus)
	UL D1255W: AMCX: Central Station Alarm Units (UL1610, UL1635), AMTB: Control Panels, SIA False Alarm Reduction, AOTX: Local Alarm Units (UL464, UL609), APAW: Police Station Alarm Units (UL365, UL464), APOU: Proprietary Alarm Units (UL1076), NBSX: Household Burglar Alarm System Units (UL1023), UTOU: Control Units and Accessories - Household System Type (UL985)
	FM D1255
	CSFM see our website
	NYC-MEA D1255: 12-92-E, Vol. IV 12-92-E, Vol. IV
	NYC-MEA D1255: 12-92-E, Vol. 12 12-92-E, Vol. 12
	NYC-MEA D1255: 12-92-E, Vol. 15 12-92-E, Vol. 15
Canada	ULC D1255B: AMCX7: Central Station Alarm Units Certified for Canada (cUL), AOTX7: Local Alarm Units Certified for Canada (cUL), APAW7: Police Station Alarm Units Certified for Canada (cUL), APOU7: Proprietary Alarm Units Certified for Canada (cUL), NBSX7: Household Burglar Alarm System Units Certified for Canada (cUL), UTOU7: Control Units and Accessories - Household System Type Certified for Canada (cUL)
	ULC CAN/ULC S304 - Standard for Signal Receiving Center and Premise Burglar Alarm
	ULC APOU7.S1871 Proprietary Alarm Units Certified for Canada

Region	Regulatory compliance/quality marks
	ULC S303 - Local Burglar Alarm Units and Systems
	ULC ULC 365 - Police Station Connected Burglar Alarm Units
	ULC ULC-ORD C1023 - Household Burglar Alarm System Units
	ULC AMCX.S1871, AMCX7.S1871, AMTB.S1871, AOTX.S1871, AOTX7.S1871, APAW.S1871, APAW7.S1871, APOU.S1871, APOU7.S1871, NBSX.S1871, NBSX7.S1871, UTOU.S1871, [D1255 VFD]

Installation/configuration notes

Compatible Control Panels

- B9512G/B9512G-E
- B8512G/B8512G-E
- D9412GV4/D7412GV4/D7212GV4¹
- D9412GV3/D7412GV3/D7212GV3¹
- D9412GV2/D7412GV2/D7212GV2¹
- D9412G/D7412G/D7212G
- D9412, D7412, D7212, and D9112 with firmware versions 6.40 or higher
- D9124

¹The D7212GV4, D7212GV3, D7212GV2, D7212G are not listed for commercial fire applications.

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 control panel supplies the power and data requirements to a D1255 Series Keypad model through a four-wire connection.

Wiring Considerations

Use 0.8 mm (22 AWG) or 1.2 mm (18 AWG) 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.

Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Technical specifications

Connections

Connections:	4-wire flying lead for data and power
Resistance:	25 Ω maximum

Environmental Considerations

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

Keypad

Dimensions for D1255, D1255W, and D1255R:	11.7 cm x 21 cm x 2 cm (4.6 in. x 8.2 in. x 0.8 in.)
Dimensions for D1255B:	12.6 cm x 20 cm x 3.2 cm (5 in. x 7.9 in. x 1.3 in.)
Weight for All Models:	439 g (15.5 oz)
Material for All Models:	CHI MEI POLYLAC PA757 ABS with UV Stabilizer. UL94-HB Fire Rated
Display Window:	16-character vacuum fluorescent display Each character is a 14-segment unit
Indicators:	Illuminated keys Warning and indicating tones

Number of...

D1255 Series Keypad Models per Control Panel:	Eight supervised 32 unsupervised
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Power Requirements

Voltage:	Nominal 12 VDC
Current:	Idle 104 mA, armed or disarmed;

Maximum 206 mA, with keypad lit and warning tone on

Ordering information**D1255 Keypad, fluorescent, off-white, SDI**

Off-white classic case.
Order number **D1255**

D1255W Text keypad, fluorescent, white, SDI

White classic case.
Order number **D1255W**

D1255B Keypad, fluorescent, white/grey, SDI

White and gray modern case.
Order number **D1255B**

Accessories**D54C Flush mount kit, stainless steel**

Back box and stainless steel faceplate.
Order number **D54C**

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**

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