

D720 Series LED Keypads

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Invented for life



- ▶ Easy to read LED display
- ▶ Easy system control from function keys

Each D720 Series LED Keypad model is low-profile, surface-mountable, four-wire, and compatible with the G Series control panels. Each keypad model annunciates up to eight protective points on its light emitting diode (LED) display. Each keypad model has indicators, three programmable function keys, and a sounder that emits seven tones.

Functions

Status Indicators

Group	LED Indicators
Armed Status	Perimeter, Interior, and Instant
Point Status	Point Fault, Point Alarm Memory, and Bypassed Point
Command Mode	Cmd
Power	Pwr

Every D720 Series Keypad model has four groups of LED indicators.

Keys

Each D720 Series Keypad model has 10 numeric keys and three programmable function keys [A], [B], and [C]. Use the [COMMAND] key with the numeric keys to

perform a function. Use the [ENT] key to enter your passcode. Program the [A], [B], and [C] function keys with specific commands. When pressed, each key emits light and a muted beep.

Audible Tones

The sounder emits seven distinct warning tones. You can 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.
- 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

Australia

C-tick

Region	Certification	
USA	UL	D720: AMCX: Central Station Alarm Units (UL1610, UL1635), AMCX7: Central Station Alarm Units Certified for Canada (cULus), 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), UOXX: Control Unit Accessories, System (UL864, 9th edition), UTOU: Control Units and Accessories - Household System Type (UL985), UTOU7: Control Units and Accessories - Household System Type Certified for Canada (cULus)
	UL	D720R and D720W: AMCX: Central Station Alarm Units (UL1610, UL1635), 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), UOXX: Control Unit Accessories, System (UL864, 9th edition), UTOU: Control Units and Accessories - Household System Type (UL985)
	UL	D720B: 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), Control Unit Accessories, System (UL864, 9th edition), UTOU7: Control Units and Accessories - Household System Type Certified for Canada (cUL)
	FM	D720
	NYC-MEA	D720: 12-92-E, Vol. V
	CSFM	D720, D720R, D720W: 7167-1615:0100 CONTROL UNIT (HOUSEHOLD)
	CSFM	D720, D720R, D720W: 7165-1615:0113 FIRE ALARM CONTROL UNIT (COMMERCIAL)
	CSFM	7167-1615:0243
	CSFM	7165-1615:0119

Installation/configuration notes

Compatibility Information

Control Panels	All G Series control panels, D9412, D7412, D7212, D9112 and D9124
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Notice

D7212G with firmware version 6.41 or higher

Mounting Considerations

- Do not mount any of the D720 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 D720 Series Keypad models in damp locations.

Power Supplies

A compatible control panel supplies the power and data requirements to a D720 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 D720 Series Keypad model includes a wiring assembly of four color-coded flying leads and one female four-pin connector.

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 D720, D720W, and D720R:	11.7 cm x 21 cm x 2 cm (4.6 in. x 8.2 in. x 0.8 in.)
Dimensions for D720B:	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 PA-757 ABS with UV Stabilizer. UL94-HB Fire Rated
Display Window:	8-point LED
Indicators:	Illuminated keys Warning and indicating tones Armed Status LEDs Point Status LEDs Command Mode LEDs Power LEDs

Number of...

D720 Series Keypad Models per Control Panel:	8 supervised 32 unsupervised
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Power Requirements

Voltage:	Nominal 12 VDC
Standby Current:	Idle 20 mA Maximum 100 mA

Trademarks

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Ordering information

D720 LED Keypad

Off-white classic case.
Order number **D720**

D720W LED Keypad

White classic case.
Order number **D720W**

D720R LED Keypad

Red classic case.
Order number **D720R**

D58B Fire Alarm Kit

Red overlays and reference sheets for D720R Keypads in fire alarm applications.
Order number **D58B**

D720B LED Keypad

White and gray modern case.
Order number **D720B**

D54B Brass Flush-mount Kit

Back box and polished brass faceplate.
Order number **D54B**

D54C Stainless Steel Flush-mount Kit

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

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**

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