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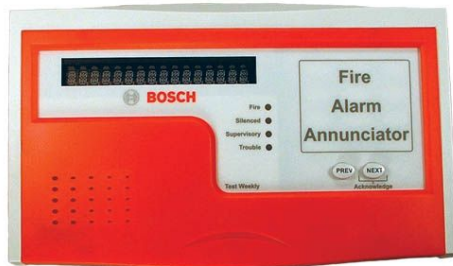
D1257RB Fire VFD Annunciator

▶ Can be remotely installed in public access areas

▶ Built-in multi-tone sounder

▶ Easy to read vacuum fluorescent display (VDF) shows complete system status in English

▶ Programmable custom text for each point

▶ Local system test display

▶ Molded red ABS plastic construction

The D1257RB Fire Annunciator is typically installed in building entrances and areas with unrestricted access because it lacks function keys. Two navigational keys allow the user to step forward or backward through a list of system events. This allows a responding agency or persons evacuating the building to quickly and safely identify the type and location of the emergency from outside the building.

The annunciator has a built-in sounder that allows it to be installed out of sight. Audible tones alert personnel to fire system events and assist fire fighters to locate the annunciator.

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 vacuum-fluorescent display (VFD), four LEDs provide the following system status indications:

- Fire
- Silenced
- Supervisory
- Trouble

Certifications and Approvals

Listings and Approvals:	UL AMCX: Central Station Alarm Units (UL1610)
	UL APAW: Police Station Alarm Units (UL365)
	UL APOU: Proprietary Alarm Units (UL1076)
	UL NBSX: Household Burglary Alarm System Units (UL1023)
	UL UOXX: Control Unit Accessories, System (UL864 9th edition)
	UL UTOU: Control Units and Accessories - Household System Type (UL985)

Installation/Configuration Notes

Compatible Control Panels

The D1257RB Fire Annunciator is compatible with the D9412GV2, D9124GV2, and D7412GV2 control panels with firmware version 7.02 or higher.

Mounting Considerations

The annunciator 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 annunciator by mounting it to a D56 or D56R Conduit Back Box. For

desktop applications, the annunciator can be mounted to a D55 Desk Stand.

Note Do not install the annunciator 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 annunciator 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) wire. Resistance cannot exceed 25 Ω. The field wiring connects to a four-wire harness supplied with the unit. This harness plugs into a four-pin connector on the circuit board through the back of the annunciator.

Note Use shielded cable where excessive electromagnetic interference is a problem.

Parts Included

Quant.	Component
1	Annunciator
1	Hardware pack
1	Literature pack

Technical Specifications

Environmental Considerations

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

Mechanical Properties

Color:	Red
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

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

Ordering Information

D1257RB Fire VFD Annunciator Red and gray modern case.	D1257RB
Hardware Accessories	
D55 Keypad Desk Stand Portable desk stand in smoke colored Plexiglas®.	D55
D56 Surface Mount Conduit Box White surface mount box.	D56
D56R Red Surface Mount Conduit Box Red surface mount box.	D56R