

Specifications

Features

- Compatible with the D9124, D9412G, D9412, D9112, D7412G, D7412 and D7212
- Attractive low profile fire annunciators
- D1256 provides system control with easy to use function keys
- D1257 can be remotely installed in public access areas
- Built-in multi-tone sounder
- Easy to read vacuum fluorescent display
- Displays complete system status in English format
- Programmable custom text for each point
- Local system test display
- Molded red ABS plastic construction

Description

Radionics' D1256 Fire Command Center and D1257 Fire Alarm Annunciator are four-wire serial devices used with the Radionics' D9124 Addressable 24 VDC Fire Alarm Control/Communicator and the D9124, D9412G, D9412, D9112, D7412G, D7412 and D7212 Control/Communicators. One D1256 is included with the D9124 panel, which can be accessed through the slide door on the front of the enclosure.

Both annunciators provide English text displays of system events with highly visible blue vacuum fluorescent displays. A built-in sounder alerts building personnel to system alarms and troubles and guides responding agencies to the annunciator location.

Both units are molded in durable red plastic and have low profile enclosures. The wording "Fire Alarm Annunciator" is clearly printed on the faceplate of the D1257. This allows inspectors, service technicians and responding fire agencies to identify the annunciator.

The **D1256 Fire Command Center** is a full-function system controller and annunciator. Four special one-touch function keys provide user-friendly control over the system. The function keys allow the user to silence the audible alarm output, silence the trouble sounder, reset the annunciator display and reset system detectors. Four additional navigational keys allow access to other programmed system functions.

The **D1257 Fire Alarm Annunciator** provides remote annunciation capabilities without system control. Similar in appearance to a D1256 Fire Command Center, yet the D1257 Fire Alarm Annunciator lacks function keys. This makes system control functions inaccessible to unauthorized persons. Thus, the D1257 can be placed in locations where the public may have access to it. Two navigational keys allow the user to step forward or backward through a list of system events.



Fire Command Center and Fire Annunciator

Application

The D1256 can be mounted in secure areas for use as both a system controller and annunciator.

The D1257 Remote Fire Annunciator is typically installed in building entrances and areas with unrestricted access. Near exterior doors in hotel or business lobbies are ideal locations. This allows a responding agency, or persons evacuating the building to quickly identify the type and location of the emergency from outside the building without being in danger.

Both devices have a built-in sounder that allows them to be installed in locations not in general view. Audible tones alert personnel to fire system events and assist fire fighters in locating the annunciator.

Installation

The D1256 and D1257 system annunciators connect to the fire control/communicator through standard four-wire cable. Shielded cable may sometimes be required where excessive EMI is a problem.

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 D1256 or D1257. Each unit has three mounting holes in the base that allow secure, correct positioning during installation.

Do not install the D1256 or D1257 in direct sunlight. This damages the module components and makes the display less visible.

Install, test and maintain these devices according to their Installation Guides, NFPA 72, Local Codes and the Authority Having Jurisdiction. Failure to follow these procedures may result in failure of the devices to operate properly. Radionics is not responsible for devices that are improperly installed, tested and maintained.

Operational Data

The D1256 and D1257 operate through the Serial Device Interface buss of the control/communicators. The D1256 and D1257 receive serial data and power through a four-wire cable.

Both devices continually show the status of the fire alarm system. Changes in the normal panel condition such as alarm or trouble events are displayed in alphanumeric English text and the appropriate sounder response tone emitted. Resetting the display and sounder can only be accomplished at the D1256 Fire Command Center by authorized persons.

Specifications

D1256/D1257 Specifications	
Operating Voltage	Nominal 12 VDC (supplied by control/communicator)
Operating Current	104 mA min.; 206 mA max.
Wiring	Four conductors supply: Serial data, +12 VDC and panel common
Display	16-character vacuum fluorescent
Operating Temperature	+32°F to 122°F (0°C to +50°C)
Non-condensing Relative Humidity	5% to 85% at 86°F (30°C)
Base Dimensions (L x W x D)	8.3 in. x 4.5 in. 0.8 in. (21 cm x 11.4 cm x 2 cm)

Wire Information

Four-Conductor from Panel	D1256 or D1257 Wiring Harness
12 VDC	12 VDC (Red)
Data-Out	Data-In (Yellow)
Data-In	Data-Out (Green)
Common	Common (Black)

Listings and Approvals

- UL Listed
- CSFM Listed
- FM Approved

Ordering Information

Model Number	Description
D1256	Fire Command Center
D1257	Remote Fire Alarm Annunciator
D54B	Brass Faceplate
D54C	Stainless Steel Faceplate
D55	Desk Stand
D56	Conduit Backbox

Specifications

The contractor shall furnish and install, where indicated on the plans, Radionics D1256 Fire Command Center and D1257 Remote Fire Alarm Annunciator. Each device shall have a 16 character vacuum fluorescent display and show all fire system events. Alarms shall be prioritized ahead of other system events and displayed in sequence. The D1257 shall have no on board system control function keys.

A built-in sounder shall indicate events with distinct tones for fire alarm and system trouble. The D1256 and D1257 shall connect to the fire control/communicator through a four-wire cable.

The D1256 and 1257 shall be constructed of high impact red plastic. The D1257 shall have the text "Fire Alarm Annunciator" clearly printed in bold letters to the right of the event display.

The D9124, with the D9112LTB, D9112B1 and D7212B1, have a 500 event non-volatile event memory log. The D9124 with the D9112LTB-EX or D9412GLTB, 9000/7000 Series panels have a 1000 event non-volatile memory log. All system events are displayed on system annunciators, printed locally or retrieved from off premises via the Remote Account Manager (RAM) software package.



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