

GENERAL

The Fire-Lite 911AC Fire Control/Communicator is a three-zone Digital Alarm Communicator Transmitter (DACT). The 911AC can be used in limited stand-alone applications or in slave applications for off-premises monitoring of an existing Fire Alarm Control Panel (FACP).



California
State Fire
Marshal
7165-0075:152

FEATURES

- Three-zone Digital Alarm Communicator Transmitter.
- UL listed for NFPA 72 applications as a control unit or control unit subassembly for digital fire signaling systems.
- Can be used as a stand-alone communicator for sprinkler systems or as a slave communicator for existing fire systems.
- UL listed as power-limited.
- Optional Telephone Trouble Relay for connection to an external annunciation device.
- Optional Alarm Relay for annunciation of Zone 1 Alarm Initiating Circuit.
- Dual telephone lines for Central Station reporting.
- Primary and alternate telephone numbers.
- Built-in telephone trouble LED and buzzer.
- Compact size and easy to install.
- Communicates using BFSK or pulsed single-round fast format (accepts 2,300 Hz acknowledgment tone).
- Automatic test reports every 24 hours.



NOTIFIRE 911AC



NOTIFIRE D5050

CONSTRUCTION & OPERATION

Zone 1 is a four-wire class "A" Alarm Initiating Circuit. In a stand alone application, this zone can be used to monitor up to five waterflow alarm switches, or up to 100 mechanically operated devices such as heat detectors and manual pull stations. In a slave application, this zone can be used to monitor an alarm output on an existing panel.

Zones 2 and 3 are class "B" Supervisory Circuits. They can be used to monitor up to 20 sprinkler supervision devices in a stand-alone application, or it can be used to monitor a trouble output on an existing panel.

The 911AC is UL-listed for NFPA 72 Central Station Fire Signaling Systems, and NFPA 72 Remote Station Signaling Systems.

Optional Relays

Two separate relay sockets are provided so that optional relays can be installed. These relays provide outputs for Telephone Trouble, and Alarm Initiating Circuit annunciation devices.

Phone Line Connections

Two modular phone connectors on the 911AC provide connections to two separate telephone lines using RJ31X or RJ38X jacks. Both telephone lines are supervised. If one of the phone lines is operational and the other is in trouble, a report is sent to the central station.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact **NOTIFIER**. Phone: (203) 484-7161 FAX: (203) 484-7118

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ISO-9001
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Quality System Certified to
International Standard ISO-9001



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Phone Trouble LED

A yellow LED provides a visual indication of trouble conditions on either of the telephone lines. The LED can be viewed through the hole in the cover.

Phone Trouble Buzzer

A buzzer provides an audible indication of telephone line trouble. The buzzer and the LED both follow the phone line trouble. The buzzer can only be silenced by correcting the telephone line trouble.

SPECIFICATIONS

Listings and Approvals:

- *NFPA 72*: Central Station Signaling Service.
- *NFPA 72*: Remote Station Signaling Service.
- *UL Standard 1635*: Digital Alarm Communicators.
- *UL Standard 864*: Control Unit Fire Signaling Systems.

FCC Registration: AJ9USA-61104-AL-E.

Ringer Equivalence: 0.0 B (AC), 1.3 B (DC).

Programming: A digital programming unit with a keypad is available for programming the communicator.

Power Input: 12 VAC, 20 VA with 12 VDC battery, or 24 VDC from existing control panel.

Minimum Panel Operation Voltage: 9.1 VDC.

Operating Current:

<i>Idle:</i>	29.5 mA (12 VAC Mode).
	30.0 mA (24 VDC Mode).
<i>Max.:</i>	157.6 mA (12 VAC Mode).
	166.8 mA (24 VDC Mode).

Batteries: (Use only when configured in the 12 VAC Mode.) Do not use diodes in cable.

- 12 V, 7.0 A.H. — required for NFPA 72 stand-alone applications.
- 12 V, 4.2 A.H. (NFPA 72 applications only).

Response Time: *Zone 1*: 0.2 to 90 seconds, depending on Retard/ Reset time. *Zones 2 & 3*: approximately 2 - 4 seconds.

Phone Voltage and Current:

Minimum: 10 VDC, 10 mA.
Normal: 48 - 52 VDC.

Operating Temperature: 32°F to 120°F (0°C to 48.8°C).

Wire Specifications: Refer to Article 760 of NEC, NFPA 70 for wire specifications.

PRODUCT LINE INFORMATION

Model 911AC

Includes 911A dual-line communicator, stand-alone enclosure, transformer, and phone cords.

D136 Alarm/Trouble Relays

D5050 Programmer

Allows 911AC programming.

PS-1270

Battery, gel-type, 12 V, 7.0 A.H.

PS-1242

Battery, gel-type, 12 V, 4.2 A.H.