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****Fire Alarm and Operating Manual**** ****Important Notes**** This document is subject to change without notice. Any reproduction or transmission of this document is prohibited unless written consent is obtained from Simplex Time Recorder Company. ****Trademarks and Warnings**** Simplex products are protected by US Patent No. 4,725,818. All logos, product names, and trademarks belong to their respective companies. When installing a Simplex product, ensure it is not damaged upon unpacking. Report any shipping damage to the carrier and notify Simplex. ****Safety Precautions**** Disconnect electrical power when making internal adjustments or repairs. Servicing should only be performed by Simplex representatives. Handle components with care to prevent static electricity damage. Use the Static Control Kit to ground yourself before opening or installing components. ****Radio Frequency Energy**** This equipment generates, uses, and radiates radio frequency energy. Failure to install and use in accordance with the instruction manual may cause interference to radios. This device has been tested and found to comply with FCC limits for Class A computing devices. ****Contents**** 1. System Overview 2. Installation 3. System Operation 4. Logs 5. Messages 6.

**Simplex**

UL, ULC, CSFM Listed, FM Approved:
MEA (NYC) Acceptance*

LifeAlarm Fire Alarm Control Panels

4006 Series Fire Alarm Control Panels
Providing up to Ten IDCs and Four NACs

Features

Control panel operator convenience features:

- Wide viewing angle 2 x 20 (40 character) alphanumeric LCD and dedicated LEDs provide convenient panel status information
- Operation is programmable using a multi-function keypad and the panel LCD or via service computer (PC)
- RS-232 service port provides optional download PC access for panel configuration and event history logs
- Software updates are via PC download
- Convenient library of standard custom label terms
- Standard on-board DACT provides: Contact ID, 3-1, 4-2, BPSK, and SIA formats
- WALKTEST silent or audible system test
- Voltage and current for both the battery charger and the battery can be displayed at the front panel LCD

Five Standard Initiating Device Circuits (IDCs):

- Five Class B IDCs with optional expansion to ten, all with individual zone disable
- Monitor 2-wire or 4-wire initiating devices including TrueAlarm smoke detectors
- Optional Class A Adapter Module

Two Standard Notification Appliance Circuits (NACs):

- Class A or Class B outputs with solid state overcurrent protection per NAC, each rated for 2 A
- Selectable for Simplex® SmartSync two-wire horn strobe control or synchronized strobe control

Standard Power Supply:


- Provides 3 A maximum @ nominal 24 DC
- Automatic input power selection operates with 120 VAC or 240 VAC, 50 or 60 Hz
- On-board temperature compensated battery charger for up to 12.7 Ah batteries in cabinet (UL and ULC) and up to 25 Ah batteries in separate cabinet (UL only)

Additional standard features:


- Programmable Active Status Reminder
- Two auxiliary relays
- IDCs, NACs, and Relay outputs are power limited (AC input, battery circuits, and City Circuit Module outputs are non-power limited)
- Available with beige or red cabinet
- UL listed to Standard 864

Available option modules:

- Door mounted 24 LED annunciator (standard on ULC models)
- 3 A Expansion Power Supply with two on-board 2 A NACs that operate the same as standard NACs



4006-9102 (Beige) Standard Control Panel



4006-9122 (Beige) Control Panel with 24 LED Annunciator

Available option modules (Continued):

- Expansion IDC module with five Class B IDCs
- Class A IDC Adapter Module, City Interface Module, and Auxiliary Relay Module
- Remote LCD and LED Switch Annunciators

Description

For areas requiring from five to ten initiating zones, the Simplex 4006 Series fire alarm control panels provide flexible initiating circuit monitoring, extensive programmable control capability, and LCD annunciator circuit-specific 20 character custom labels.

* See page 2 for additional UL and MEA information. This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 710241 of the California Health and Safety Code. See CSFM Listing T40-A008-210 for alternate alarm and/or notification signaling module approved in this document. It is subject to re-evaluation, revision, and possible cancellation. Additional listings may be applicable. Contact your local Simplex product supplier for the latest status, listings and approvals under Simplex Time Recorder Co. and the property of Tyco Fire Protection Products.

S4006-0001-B 2/2018

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