



February 19, 2004

DN-5635 • B-300

# SFP-1024 Fire Alarm Control Panel With Built-In DACT

Section: Conventional Fire Alarm Control Panels

## GENERAL

The NOTIFIER SFP-1024 is a 24-volt, ten-zone fire alarm control panel with a built-in communicator and remote-site upload/download capability. The integral communicator transmits event information (alarms, troubles, supervisories, faults, etc.) to a UL Listed central station. Selectable transmission formats allow the SFP-1024 to communicate to virtually all central stations.



**MEA**  
122-96-E  
Vol. II



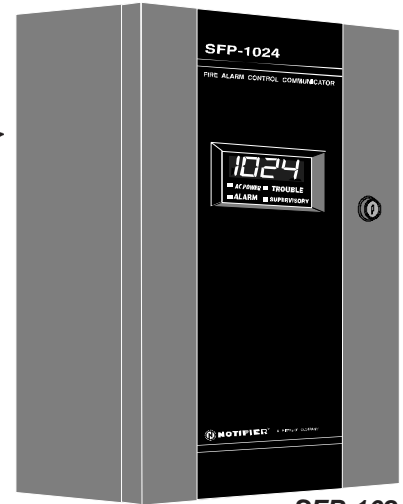
California  
State Fire  
Marshal  
7165-0028:185

## FEATURES

- Ten programmable Initiating Device Circuits (zones). Each zone may be programmed for:
  - ✓ Two-wire smoke detectors.
  - ✓ Normally open contact devices (pull, heat).
  - ✓ Four-wire smoke detectors.
  - ✓ Waterflow operation (silenceable or nonsilenceable).
  - ✓ Supervisory operation.
  - ✓ Auto-reset supervisory operation.
  - ✓ Remote switch for Reset, Drill, Silence and Acknowledge.
  - ✓ Auto-reset or latching, critical and noncritical process monitoring.
- Zones programmed for process monitoring require a contact closure for activation and can be used to monitor:
  - ✓ Temperature (high/low temp).
  - ✓ Water level.    ✓ Gas detection.    ✓ Loss of air flow.
  - ✓ Refrigeration.    ✓ Tamper (non-fire).    ✓ Open/Close.
- Two built-in, Class B (Style Y) Notification Appliance Circuits (NAC). ✓ Expandable to four. ✓ Class A option.
- Notification appliance circuits may be programmed:
  - ✓ Silenceable.
  - ✓ Non-Silenceable (a strobe circuit can keep flashing after the panel is silenced).
  - ✓ Auto-Silence (program 5 to 30 minutes).
  - ✓ Silence Inhibit (60 seconds).
  - ✓ Coding (March Time, Temporal, California).
- 6.0 amps notification appliance power meets the critical power requirements for ADA and UL 1971 devices.
- Two built-in, fully programmable, Form-A relays — expandable to four with two Form-C relays.
- Dual-line rotary- or Touch-Tone® -dial DACT interfaces to public telephone network (*leased phone lines are not required*).
- 24-volt operation.
- Built-in voltmeter measures:
  - ✓ Zone voltage.
  - ✓ Primary AC line voltage.
  - ✓ Battery voltage.
  - ✓ Notification appliance circuit(s) voltage.
  - ✓ Resettable 24 volt power.



**City and  
County of  
DENVER**



**SFP-1024**

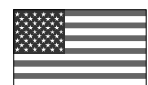
- 230 VAC, 50 Hz international version available.
- Surface Mount Technology (SMT).
- Fully programmable via built-in keypad (no costly external programmers necessary).
- Complies with NFPA 72 (Local, Central Station and Remote Station [*DACT only - not polarity reversal*] Fire Alarm Systems).
- Reporting formats include Ademco Contact ID and 14 others.
- Integral battery charger for up to 60 hours of standby power.
- Fuseless, power-limited technology meets UL Power-Limiting Requirements.
- Programmable alarm presignal timer, alarm verification timer, and optional trouble reminder.
- Single-person walk test with 256-event walk-test buffer.
- Fire drill function.
- Zone disable capability (software).
- 256-event history buffer with time-and-date stamp, stored in permanent memory.
- Accurate real-time clock/calendar.
- Electronics and operational controls fully enclosed in lockable cabinet capable of housing up to 12 AH batteries.
- Optional LED-10N Remote Annunciators operate off serial, two-wire EIA-485 interface.
- Optional printer interface for on- or off-line printing of:
  - ✓ Text alarm and trouble status with time and date.
  - ✓ History files.    ✓ Program entries.    ✓ Walk Test data.

Windows® is a registered trademark of Microsoft Corporation.

NOTIFIER® is a **Honeywell** company. 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

**NOTIFIER**® 12 Clintonville Road, Northford, Connecticut 06472

**ISO 9001  
CERTIFIED**  
ENGINEERING & MANUFACTURING  
QUALITY SYSTEMS



Made in the U.S.A.



## PRODUCT LINE INFORMATION

<b>SFP-1024</b>	Ten-zone, 24 volt, Fire Alarm Control Communicator (includes backbox, 2X transformers, 6 Amps of NAC power, technical manual, and a frame & post operating instruction sheet).	<b>PRT-24</b>	Printer Interface Module. Provides an EIA-232 printer output. Includes cable, DB9F and DB25 adapter.
<b>SFP-1024E</b>	Same as SFP-1024 with 230 VAC, 50 Hz transformer.	<b>DP-1024</b>	Internal Dress Panel ( <i>required for Canadian applications</i> ).
<b>LED-10IM</b>	LED-10N Remote Annunciator Interface Module.	<b>ABS-8R</b>	Metal enclosure for mounting ACM-8R module.
<b>NAC-REM</b>	Notification Appliance (Signal) Circuit, Relay Expander Module. Adds 2 NACs and 2 Form-C Relays.	<b>MCBL-7</b>	DACT phone cords, 7 ft./2.13 m long, ( <i>two required</i> ).
<b>CAC-10F</b>	Class A Converter Module. Converts Class B Initiating Device Circuits (zones) and standard Notification Appliance Circuits to Class A.	<b>BB-17</b>	UL listed battery backbox. Required for batteries up to 18 A.H.
<b>PK-1024</b>	Upload/download utility includes: programming software (Three 3.5" disks, IBM compatible, high density) and instruction manual.	<b>PS Series</b>	Batteries. SFP-1024 charging circuit is 7 – 17 AH. Refer to the PS Series (DN-1109) data sheet for ordering information.
		<b>BAT Series</b>	Batteries. SFP-1024 charging circuit is 7 – 17 AH. Refer to the BAT Series (DN-6933) data sheet for ordering information.

The chart below shows UL listed receivers compatible with the SFP-1024:

Format # (Addresses 16 & 42)	Osborne Radionics							
	Ademco 685 (1)	Silent Knight 9000	ITI CS-4000 (3)	FBI CP220FB	Hoffman Models 1 & 2	6000/ 6500 (5)	Sescoa 3000R (7)	Surguard MLR-2 (9)
0	4+1 Ademco Express	✓			✓			✓
1	4+2 Ademco Express	✓			✓	✓ (8)		✓
2	3+1/Standard/1800/2300	✓	✓ (2)	✓	✓ (4)	✓	✓(5,6)	✓
3	3+1/Expanded/1800/2300	✓	✓ (2)	✓	✓ (4)	✓		✓
4	3+1/Standard/1900/1400	✓	✓ (2)		✓ (4)	✓		✓
5	3+1/Expanded/1900/1400	✓	✓ (2)		✓ (4)	✓		✓
6	4+1/Standard/1800/2300	✓	✓ (2)	✓	✓ (4)	✓	✓ (5)	✓
7	4+1/Expanded/1800/2300	✓	✓ (2)		✓ (4)	✓		✓
8	4+1/Standard/1900/1400	✓	✓ (2)		✓ (4)	✓		✓
9	4+1/Expanded/1900/1400	✓	✓ (2)		✓ (4)	✓		✓
A	4+2/Standard/1800/2300	✓	✓ (2)	✓	✓ (4)	✓	✓ (5)	✓
B	4+2/Expanded/1800/2300	✓	✓ (2)		✓ (4)	✓		✓
C	4+2/Standard/1900/1400	✓	✓ (2)		✓ (4)	✓		✓
D	4+2/Expanded/1900/1400	✓	✓ (2)		✓ (4)	✓		✓
E	Ademco Contact ID	✓			✓	✓		✓

5635t1.tbl

### KEY:

- (1) With 685-8 Line Card with Rev 4.4d software.
- (2) With 9002 Line Card Rev 9035 software or 9032 Line Card with 9326A software.
- (3) Rev. 4.0 software.
- (4) FBI CP220FB Rec-11 Line Card with Rev 2.6 software and a memory card with Rev 3.8 software.
- (5) Model 6500 with Rev 600 software.
- (6) Model 6000 with Rev 204 software.
- (7) With Rev B control card at Rev 1.4 software and Rev C line card at Rev 1.5 software.
- (8) Model 2 only.
- (9) Version 1.62 software.