SFC-553-DR

378 Point Intelligent Fire Alarm Control Panel

Description

The SFC-553-DR Intelligent Fire Alarm Control Panel is a three loop addressable panel that supports up to 378 addressable points. The SFC-553-DR is equipped with a two line by 20 character backlit LCD display, numerical keypad, integrated UDACT/Digital Communicator and the provision for up to 64 zones of LED annunciation (requires optional SRAX-532 modules). The LCD display allows for 32 characters to be configured for user defined messages.

The SFC-553-DR panel is ideal for both new and retrofit applications. Designed for small to medium commercial, institutional and industrial occupancies, this panel is powerful enough to meet today's installation demands. The SFC-553-DR is configurable by the keypad for on-site programming or by a PC for both on-site and remote programming. Easy to install and simple to operate and configure, the SFC-553-DR panel enables the installer to configure the system to meet their specific requirements.

The SFC-553-DR panel is equipped with a 5.5 Amp power supply, auxiliary resettable smoke power supply (300mA max.), an interface for a Remote Trouble Indicator (SRTI-200) and an RS-485 interface for remote LCD and LED annunciators.

In addition the panel comes complete with a red door, black enclosure, durable CAT-30 lock and key and space to mount up to 12 AH batteries. An optional trim ring is available for semi-flush mounting.

Features

- Three Addressable SLC Loops that support up to 378 addressable points
- Points can be any combination of Addressable Sensors or Modules
- Supports Photoelectric Sensors, Variable Heat Sensors and Multi–Sensors (Heat/Photo)
- Equipped with 2 line by 20 character backlit LCD display, numerical keypad and an integrated UDACT/Digital Communicator
- LCD display allows for 32 characters to be configured for user defined messages
- Provision for up to 64 zones of LED annunciation with optional SRAX-532 Remote Annunciator modules
- Integrated UDACT/Digital Communicator
- Digital Communicator can be configured for DACT or UDACT mode of operation
- Configurable via the front panel, PC Configurator, or remote dial up through the built-in modem
- Sensors can be configured as Alarm, Verified Alarm, Latching or Non-Latching Supervisory, Monitor and Trouble-Only
- Modules can be configured as Alarm, Latching Supervisory, Non-Latching Supervisory, Water Flow, Monitor, Trouble, Fire Drill Switch, Signal Silence Switch, Aux Disconnect Switch and Buzzer Silence Switch
- Base panel is equipped with Four Class "B" (Style "B") indicating circuits which may be configured as Class "A" (Style "Z") using a Class "A" signal converter module
- Indicating Circuits may be configured as Silenceable or Non-Silenceable for both signals and strobes
- Built-in sync protocols for the following strobe manufacturers: Mircom, Amseco, System Sensor, Gentex, Faraday and Wheelock
- Relay contacts for Common Alarm, Auxiliary/Alarm (Disconnectable), Common Supervisory and Common Trouble
- Configurable Signal Silence Inhibit, Auto Signal Silence, Two Stage Operation and One-Man Walk Test
- Subsequent Alarm, Supervisory, and Trouble operation
- RS-485 Interface for Remote LED and LCD Annunciators
- Positive Alarm Sequence
- Interface for a Remote Trouble Indicator (SRTI-200)
- Two event history logs comprised of a 200 event alarm log for alarm related events and a 200 event general log for all other events
- 5.5 Amp Power Supply
- Optional modules for additional internal relay circuits and City Tie/Polarity Reversal
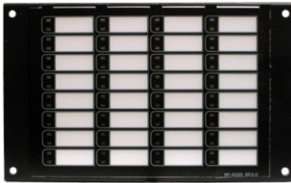- Optional trim ring for semi-flush mounting

UL S24005

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City of Chicago Approved for Class 1 Applications

NYC Fire Dept. COA# 6066

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U.S.A. 4575 Witmer Industrial Estates, Niagara Falls, NY 14305 Telephone: (866) 786-6480 Fax: (888) 660-4113 • **E-mail:** mail@summit-st.net
Catalog Number 222 • **Not to be used for installation purposes.**

Optional Adder Modules

SRAX-532 Programmable LED Annunciator
The SRAX-532 Programmable LED Annunciator provides the SFC-500 with an additional 32 Programmable Alarm/Supervisory Bi-Coloured LEDs & 32 Trouble LEDs which can be configured as: Alarm (Red), Supervisory (Amber), Trouble (Amber) or Monitor (Amber). The SRAX-532 mounts in the SFC-553-DR enclosure.

SOCA-204 Four Indicating Circuit Class "A" Converter Module
The SOCA-204 converts four Class "B" (Style "Y") output circuits on the SFC-553-DR to Class "A" (Style "Z") circuits. The SOCA-204 is equipped with wire leads to connect to the SFC-553-DR main board.

SPR-200 Polarity Reversal/City Tie Module
The SPR-200 provides outputs for city box and polarity reversal applications. As a city tie module the SPR-200 provides an interface between the control panel indicating circuits and a master box. As a polarity reversal module the SPR-200 provides an interface between the control panel and a reverse polarity receiver.

Remote Annunciators

SRAM-200LCDR Remote LCD Annunciator
The SRAM-200LCDR provides LCD remote annunciation through a 2 line by 20 character LCD display. The SRAM-200LCDR provides control switches for System Reset, Signal Silence, Fire Drill and Acknowledge as well as a numeric keypad to access the menu functions. The common control functions can be disabled on a per function basis. The SRAM-200LCDR has LED indicators for A.C. On, Alarm, Supervisory, Trouble and CPU Fail. The SRAM-200LCDR comes complete with a red enclosure and a CAT-30 Lock and key.

SRAM-300 Series Remote LED Annunciators
The SRAM-316TZ and SRAM-332TZ Remote LED Annunciators provide 16 or 32 points respectively of LED annunciation. Both models come standard with bi-colored LEDs which are automatically configured for either Alarm (Red) or Supervisory (Amber). The annunciators have indicators for A.C. On, Common Trouble and Signal Silence and controls for System Reset, Lamp Test, Fire Drill, Buzzer Silence and Signal Silence. In addition both models allow for the control switches to be disabled on a per function basis. The SRAX-348TZ connects to the SRAM-332TZ to provide an additional 48 points of LED annunciation. All models mount in an SBB-300 Series enclosure.

Dimensions

SFC-553-DR   26"H x 14½"W x 4½"D

Ordering Information

Model	Description
SFC-500 Series Intelligent Fire Alarm Control Panels	
SFC-553-DR	Three Loop 378 Point Intelligent Fire Alarm Control Panel with built-in UDACT/Digital Communicator
SFC-UNIV-TRB	Black semi-flush trim ring for SFC-553-DR enclosure
Optional Adder Modules	
SRAX-532	Programmble Remote LED Annunciator with 32 programmable LEDs. Mounts in SFC-553-DR.
SOCA-204	Four Indicating Circuit Class "A" Converter Module
SPR-200	Polarity Reversal/City Tie Module
Remote Annunciators	
SRAM-200LCDR	Remote LCD Annunciator c/w enclosure.
SRAM-316TZ	16 Zone Remote LED Annunciator with trouble LEDs. Mounts in an SBB-300 Series enclosure.
SRAM-332TZ	32 Zone Remote LED Annunciator with trouble LEDs. Mounts in an SBB-300 Series enclosure.
SRAX-348TZ	48 Zone Adder LED Annunciator with trouble LEDs. Connects to SRAM-332TZ and mounts in an SBB-300 enclosure.
SBB-301R	Red enclosure for SRAM-316TZ or SRAM-332TZ Annunciators. Houses 1 module.
SBB-302R	Red enclosure for SRAM-332TZ & SRAX-348TZ Annunciators. Houses 2 modules.
SBB-303R	Red enclosure for SRAM-332TZ & SRAX-348TZ Annunciators. Houses 3 modules
SGD-32	Master Graphic Driver Module
SGD-048	Adder Graphic Driver Module

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