

SUPREME XT

RELEASING FIRE CONTROL PANEL



**MADE IN
BRITAIN**



Ordering Codes

AS1810-10	Supreme XT - 3 Detection Zones - Red - 120VAC
AS1810-11	Supreme XT - 3 Detection Zones - Red - 240VAC
AS1810-40	Supreme XT - 3 Detection Zones - Gray - 120VAC
AS1810-41	Supreme XT - 3 Detection Zones - Gray - 240VAC

Product Overview

Designed and manufactured to the highest standards in a quality controlled environment, the Supreme XT releasing panel offers outstanding value and performance for all small to medium fixed firefighting installations.

With three detection zones as standard, release can be configured to activate from any combination of detection zone inputs to allow (among other combinations) any two from three type activations such as would be required for detection in ceiling void, room and floor void applications.

The extensive configuration options of the Supreme XT allow the functionality of the system to be extensively modified.

The panel contains a large LED display to enable easy configuration and control which also displays the time remaining until release for added user safety.

The countdown timer is duplicated on up to seven remote status units to provide local indication of the system status.

With all of the electronics mounted on a single, easily removable, steel plate Supreme XT panels are both robust and easy to install.

Supreme XT is supplied in an enclosure that matches the design and color of the Supreme CP range and is available in standard red or optional gray.

Standard Features

- UL 864 Listed
- Three detection zones as standard
- Any single zone or any combinations of zones can be configured to release
- Configurable first stage NAC delays
- Configurable detection delays
- Zero time delay upon manual release option
- Non-latching zone input option to receive signals from other systems such as aspirating equipment
- Configurable releasing delays up to 60 seconds in 5 second steps
- Configurable releasing duration up to 5 minutes in 5 second steps
- Countdown timer shows time remaining until release
- Supports up to seven, four wire status indicators
- Built in Extract Fan control
- Compatible with conventional detectors from Avenger Systems, Apollo, Hochiki America, and System Sensor

Technical Specifications

AC Supply	120V or 240V
AC Supply Fuse	3.15A (F3.15A L250V)
Finish	Epoxy powder coated
Color	Red (optional gray)
IP Rating	IP30
Power Supply Rating	3 Amps total including battery charge 28V \pm 2V
Maximum Ripple Voltage	200 millivolts
Battery Type	Two 12 Volt 7Ah sealed lead acid in series
Battery Charge Voltage	27.6VDC nominal (temperature-compensated)
Battery Charge Current	0.7A maximum
Battery Fuse	20mm, 3.15A glass Sloblow
Maximum Current Draw from Batteries	3A
Quiescent Current of Panel in Power Failure	0.095A
AUX 24V Output	Fused at 500mA with electronic fuse
NAC Outputs	24V Fused at 500mA with electronic fuse
Trouble Relay Contact Rating	30VDC 1A Amp maximum
Fire Relay Contact Rating	30VDC 1A Amp maximum
Local Fire Relay Contact Rating	30VDC 1A Amp maximum
First Stage Contact Rating	30VDC 1A Amp maximum
Second Stage Contact Rating	30VDC 1A Amp maximum
Extract Contact Rating	30VDC 1A Amp maximum
Zone Quiescent Current	2mA maximum
Terminal Capacity	12 AWG
No. of detectors per zone	Dependent on type (maximum 32)
Detection circuit end of line	6K8 5% ½ Watt resistor
Supervised input end of line	6K8 5% ½ Watt resistor
Extinguishant output EOL	1N4004 Diode
No. of detection circuits	3
No. of sounder circuits	2 x 1st Stage, 1 x 2nd Stage
Extinguishant release output	Rated at 1 Amp
Extinguishant release delay	Adjustable 0 to 60 seconds (in 5 second steps)
Extinguishant release duration	Adjustable 60 to 300 seconds (in 5 second steps)
Normal Zone Impedance (EOL)	6.8K
Detector Alarm Impedance	470 Ohms
Pull Station Alarm Impedance	270 Ohms
Short circuit threshold	Short circuit Impedance 99 Ohms
Supervised Inputs Normal Impedance (EOL)	6.8K
Supervised Inputs Alarm Impedance	470 Ohms
Supervised inputs Short circuit threshold	99 Ohms
Status unit/Ancillary board connection	Two wire RS485 connection
Status unit power output	Rated at 500mA with electronic fuse

Programmable Functions

Access Level 2

- Test Zones 1 to 3
- Disable Zones 1 to 3
- Disable 1st Stage Alarms
- Disable Pre-activated 1st Stage Relay
- Disable Pre-activated 2nd Stage Relay
- Disable Extract Fan Output
- Disable Manual Release Input
- Disable Releasing Sub System
- Activate Extract Fan Output
- Activate Alarm Delays

Access Level 3

- Sounder Delay
- Coincidence Detection
- Disable Panel Features
- Zone Alarm Delays (Detectors)
- Zone Alarm Delay (Call stations)
- Configure Zone for I.S Barrier Use
- Zone Short Circuit Alarm
- Zone Non Latching
- Zone Inputs Delay
- Extinguishant Release Time Delay
- Extinguishant Release Duration Timer
- Extinguishant Reset Delay Timer