

## Elite XT

Releasing  
Fire Control Panels



## Programable 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

## Standard Features

- UL 864 and FM approved
- 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 Apollo, Hochiki America and System Sensor

## Product Overview

- Designed and manufactured to the highest standards in a quality controlled environment and with UL and FM approvals, the Elite 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 Elite 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 Elite XT panels are both robust and easy to install.
- Elite XT is supplied in an enclosure that matches the design and color of the Elite CP range and is available in standard red or optional gray.

## Technical Specifications

<b>Mains supply:</b> 115V AC or 230V AC	<b>Terminal capacity:</b> 12 AWG
<b>Mains supply fuse:</b> 3.15 Amp (F3.15A L250V)	<b>No. of detectors per zone:</b> Dependent on type (maximum 32)
<b>Finish:</b> Epoxy powder coated	<b>Detection circuit end of line:</b> 6K8 5% ½ Watt resistor
<b>Color:</b> Red (optional gray)	<b>Supervised input end of line:</b> 6K8 5% ½ Watt resistor
<b>Power supply rating:</b> 3 Amps total including battery charge 28V +/- 2V	<b>Sounder circuit end of line:</b> 10K 5% ¼ Watt resistor
<b>Maximum ripple voltage:</b> 200 millivolts	<b>Extinguishant output EOL:</b> 1N4004 Diode
<b>Battery type:</b> Two 12 Volt 7Ah sealed lead acid in series	<b>No. of detection circuits:</b> 3
<b>Battery charge voltage:</b> 27.6VDC nominal (temperature compensated)	<b>No. of sounder circuits:</b> 2 x 1st Stage, 1 x 2nd Stage
<b>Battery charge current:</b> 0.7A maximum	<b>Extinguishant release output:</b> Rated at 1 Amp
<b>Battery fuse:</b> 20mm, 3.15A glass Sloblow	<b>Extinguishant release delay:</b> Adjustable 0 to 60 seconds (in 5 second steps)
<b>Maximum current draw from batteries:</b> 3 Amps	<b>Extinguishant release duration:</b> Adjustable 60 to 300 seconds (in 5 second steps)
<b>Quiescent current of panel in mains fall:</b> 0.095A	<b>Normal Zone Impedance (EOL):</b> 6.8K
<b>Aux 24V output:</b> Fused at 500mA with electronic fuse	<b>Detector Alarm Impedance:</b> 470 Ohm
<b>NAC outputs:</b> 24V Fused at 500mA with electronic fuse	<b>Pull Station Alarm Impedance:</b> 270 Ohm
<b>Trouble relay contact rating:</b> 30VDC 1A Amp maximum	<b>Short circuit threshold:</b> Short circuit Impedance 99 Ohms
<b>Fire relay contact rating:</b> 30VDC 1A Amp maximum	<b>Supervised Inputs Normal Impedance (EOL):</b> 6.8K
<b>Local fire relay contact rating:</b> 30VDC 1A Amp maximum	<b>Supervised Inputs Alarm Impedance:</b> 470 Ohm
<b>First stage contact rating:</b> 30VDC 1A Amp maximum	<b>Supervised inputs Short circuit threshold:</b> 99 Ohms
<b>Second stage contact rating:</b> 30VDC 1A Amp maximum	<b>Status unit/Ancillary board connection:</b> Two wire RS485 connection
<b>Extract contact rating:</b> 30VDC 1A Amp maximum	<b>Status unit power output:</b> Rated at 500mA with electronic fuse
<b>Zone quiescent current:</b> 2mA maximum	

## Ordering Codes

Part number	Description
<b>VF1810-10</b>	Elite XT - Red 115V
<b>VF1810-11</b>	Elite XT - Red 230V
<b>VF1810-40</b>	Elite XT - Gray 115V
<b>VF1810-41</b>	Elite XT - Gray 230V

