

ANALOGUE ADDRESSABLE FIRE ALARM CONTROL PANEL



Seraph UX ... the most technically advanced fire detection and alarm control system available

Seraph UX combines the attributes of the latest generation Apollo 'Discovery' detectors with advanced processing features to provide a detection and alarm system of unrivalled performance and false alarm resistance.

Seraph UX is fully compatible with its multi-loop 'big brother', the Seraph MX.

To ensure the best possible detection performance and property protection, flexible 'Day/Night' mode changes can be made. These can be based on time of day, user operation at the control panel or conditional switching (eg. BMS or intruder alarm setting).

In addition, Seraph UX is fully compatible with XP95 Analogue Addressable Detectors, Loop Powered Sounders, Beacons and all other interface devices and allows comprehensive cause-and-effect definition.

Features ...

Up to 126 addressable devices per loop -

In addition a Platform Sounder can be fitted to each detector and fully controlled by the Seraph UX

Up to 14 Full Function Remote Control Panels -

All controls, indicators and displays are duplicated on compact Remote Control Panels that can be installed at key points throughout the building

Up to 32 Seraph UX panels can be networked -

To form a high-integrity and 'seamless' peer-to-peer network. Seraph UX and Seraph MX panels can be mixed on the same network

Loop or Radial Wired Detection Circuits -

When upgrading a system, existing wiring can often be reused - saving costs and disturbance to the building fabric

Individually Programmed Outputs -

Relays and Sounders can be programmed to operate from individual detectors, zones or sectors

Delayed Outputs - Relays and Sounders can be programmed to operate after a given time to allow the cause of the alarm to be investigated before calling the fire service or evacuating the building

User Friendly - 'Plain English' messages, Context Sensitive Menus and intuitive controls make the Seraph UX one of the most user-friendly panels available

Customised Menus - Menu items can be programmed to carry out a sequence of commands in order to simplify user operations

Built-in Commissioning & Servicing Aids -

eg. 'loop-at-a-glance' displays and statistical alarm performance reporting

Daily automatic self-test of addressable devices

1000 event memory - retained even on full power failure

One person 'walk-test'

Readily available software to change

configuration data - Easy to use Windows based software with extensive online Help

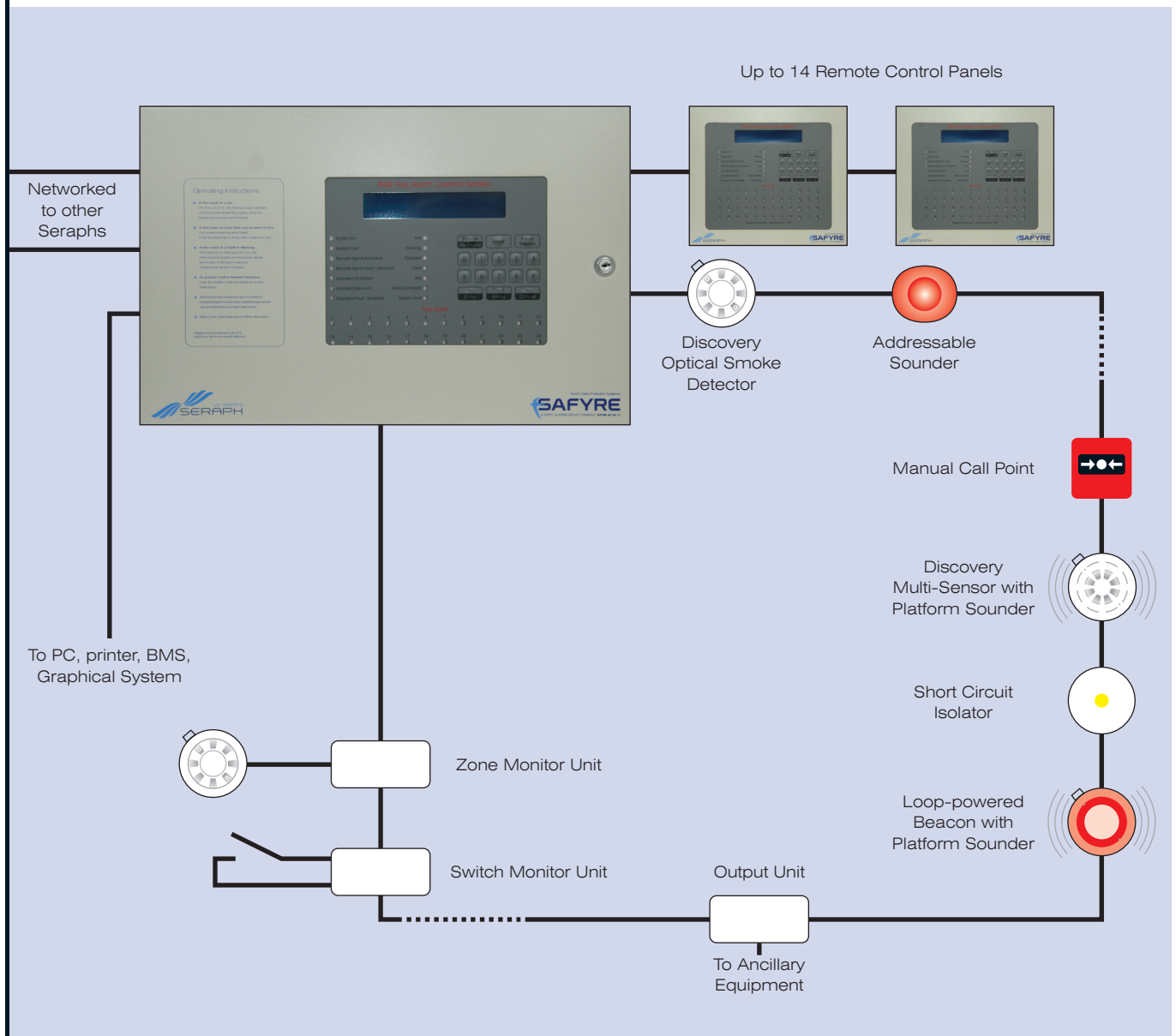
Advanced interface to building management

systems and graphical systems - Full two-way protocol

All Steel Cabinet - 1.2mm sheet steel

Optimal Built-in or Handheld Printer

Example arrangement ...



Seraph UX technical specification ...

Number of Loops - 1

Number of Zones - 24

Indicators - System On, Supply Fault, Remote Signal Activated, Remote Signal Fault/Disabled, Sounders Activated, Sounders Silenced, Sounders Fault/Disabled, Fire, Warning, Disabled, Fault, Test, Delays Enabled, System Fault, 24 Zone LEDs

Display - 4 x 40 character, back-lit LCD Display

Event Memory - Last 1000 events

Conventional Sounder Circuits - up to 4 (optional)

Conventional Auxilliary Relays - up to 2 (optional)

Interface Ports - RS232 and 2 x RS485 - ESD Protected

Dimensions - 520mm (W) x 325mm (H) x 105mm (D)

Material - 1.2mm sheet steel

Finish - Gloss White Powder Finish, RAL 9010

Weight - 5.5kg (excluding batteries)

Knockouts - 20mm, 7 x top, 6 x back

Mains Supply - 110 V to 240 V, 47 Hz to 63 Hz

Quiescent Current - 110 mA @ 24VDC (typical using std PS/C)

Alarm Current - 135 mA @ 24VDC (typical using std PS/C)

Maximum Loop Current - 1 Amp Continuous

Integral Power Supply/Charger - 1.9 Amp (5 Amp optional)

Integral Stand-by Batteries - up to 12 Ah mounted internally

Order Codes - MA-05-011 (standard) MA-05-021 (networkable)

Information in this guide is given in good faith but Swift Alarms Group cannot be held responsible for any errors or omissions. The company reserve the right to change specifications of products at any time without prior notice.