



PS1445.4

Maestro is a software package for use on a PC workstation. It has been developed to provide control and information interfaces for ZP3 fire detection and alarm systems.

Providing a range of user benefits, the primary function of Maestro is system alarm management. The package enables an operator to respond to alarm conditions, shown graphically on the workstation screen, to sound and silence alarm warnings, change control panel settings, enable and disable sensors and to view, record and printout relevant information on current system status.

Alarms are brought to the attention of the user both visually and audibly by means of an alarm banner display, prominently indicating the source of the alarm condition.

Graphically based on a system of building maps, the location and type of every device is clearly depicted by a series of icons. Icons can be custom designed and change colour or appearance to indicate the current status of all system equipment and the precise location of alarm or fault conditions. System details can be directly downloaded into Maestro from existing Planner files.

Navigation tools provide rapid and easy movement through a variety of map structures allowing the operator to handle multi alarm situations. A summary of current alarms is clearly displayed on screen at all times.

Maestro saves all events and operator actions to a comprehensive event log, categorising information into either current or archive files. All recorded events can be viewed on the screen and printed to produce a range of event reports.

A logbook memo feature makes event response records simple to maintain. Information can be entered by means of pre typed phrases. Once completed and time stamped, logbook pages cannot be amended.

All Maestro users are required to log on to the system, under password control. Passwords are task oriented and can be selected to suit individual operator responsibilities.

A security dongle device is required in order to run the Maestro programme.



Maestro

Graphics Package

- **Complete system management package - all information on one PC**
- **Clear, easily identifiable graphics - features logical map structures**
- **Zone and device icons - status and location displayed of every system component**
- **Comprehensive event logging - current and archive files**
- **Task oriented user passwords - system access by operational need**

Main Maestro features

- Graphic alarm display by map, showing site, zone and device.
- Alarm banner with alert tone.
- Alarm lists showing all current alarms and events categorised by type.
- Information and handling instructions for each alarm.
- Ability to operate fire panels direct from Maestro workstation.
- Disablement and enablement of sensors, sounders and zones, direct from the Maestro workstation.
- View and operate controls on the panel fascia from the workstation screen.
- Four access groups with user defined authority for each operator.
- Historical archive of all events, unlimited length.
- Ability to produce reports by event type, time period or other parameters.
- Event logbook allows the operator to record all actions taken.
- Built in telephone directory of emergency numbers.

PC hardware specification

The Maestro programme and its communication interfaces can be run on a variety of PC machines. However to ensure that all system features are available to the user, full map and icon preparation can be successfully completed and the system operates with appropriate speed in an emergency situation, the programme must be run on PC workstation hardware of the following minimum specification.

- Pentium 4, 1GHz (Intel microprocessor only)
- HDD 20 Gb minimum
- 17 inch Monitor, 0.2in pixel or better
- 512 Mb RAM
- CD ROM drive
- Sound card and speakers (optional)
- CD writer for Maestro backups (optional)
- 32 Mb Graphics card (must process 10 million or greater colours at a resolution of 1024 x 768)
- 1 x Parallel port or USB 2.0 port for printer and dongle
- PS2 mouse
- PCI slot to facilitate the ZPCI-DSC485 for RS485 communication (computer comms card PC mount) model Quatech DSC200/300 with driver software or USB 2.0 to RS485 converter.

PC software specification

Microsoft Windows 2000 SP4 or Windows XP Professional SP2, or Windows NT SP6

- Screen resolution 1024 x 768
- Screen colours 16bit high colour or 24bit true colour

Code No.	Description
Maestro	Maestro graphics package
Dongle-M	Dongle for Maestro