

Ziton



ZP3 System Software



GE imagination at work

Operation and configuration

TO BE EFFECTIVE AND PROVIDE MAXIMUM BENEFITS – PROJECT DESIGN AND BACK UP NEED TO MAKE FULL USE OF ALL SYSTEM FACILITIES. ZP3 SOFTWARE PACKAGES ARE DESIGNED TO DO ALL THE HARD WORK- SO THAT YOU DON'T HAVE TO.

Planner – system design

The Planner software programme has been developed to provide comprehensive off line configuration of ZP3 Fire Detection and Alarm systems. Simple to use on any suitable PC, Planner features tools for developing systems, ranging from a single stand alone panel, to the largest networked sites.

The full range of ZP3 hardware is configurable by the programme, providing the widest scope for system design. Systems featuring hardwired and wireless devices, are easily configured – once the equipment schedule has been completed, system operation is developed using step – by – step input/output mapping facilities. Planner verifies that the parameters entered into the databases are within acceptable ranges and automatically prompts the user on allowable options, greatly reducing configuration time whilst increasing system efficiency. New or upgraded versions of operating software, are also transferred to the ZP3 control panel range via the Planner programme, enabling software upgrades to be swiftly completed on site, with a minimum of system downtime.

On completion, the configured system software is simply transported to site and downloaded into the control panels via a suitable laptop PC.

Main Planner features

- Comprehensive configuration programme for all ZP3 systems and equipment, from small stand alone panels to largest networked sites
- Input/output mapping facilities allowing complex cause and effect programmes
- Automatic input verification prompts user on allowable equipment options
- Data transfer direct into control panel
- Comprehensive utilities menu provides a range of programming tools
- Security protected, access to system via coded password

Maestro – alarm management and graphic display

Maestro is a software package for use on a PC workstation – providing system control and information interfaces for ZP3 fire detection and alarm systems. Alarm conditions are displayed graphically, enabling immediate response to any event, even across the largest sites. In addition to alarm management, a wide range of functions can be remotely operated including sounding and silencing alarm warnings, changing control panel settings, enabling and disabling sensors and viewing, recording and printing relevant information on current system status.

Based on a system of building maps, the location and type of every device is clearly depicted by a series of icons – which change colour or appearance to indicate the current status of all system equipment and the precise location of alarm or fault conditions.

Providing 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.

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. All Maestro users are required to log on to the system, under password control.

Main Maestro features

- Graphic alarm display by map, showing site, zone and device
- 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 panel fascia shown on the workstation screen
- Remote disablement and enablement of sensors, sounders and zones
- Ability to produce reports from historical archive of all events

Remote – remote location diagnosis

The Remote diagnosis programme enables the user to communicate with ZP3 fire control panels from a remote PC, via a modem link.

Analogue levels and settings for each device - together with current and archive event logs for any control panel can be viewed. A simulation of the selected control panel fascia, displays current status, with main panel controls – accept, reset, sound alarms and silence alarms all able to be operated remotely.

System information – for example device analogue values can be remotely monitored over a period of time, or listed and printed out prior to site service visits – confirming in advance exactly which devices may need attention.

Control panel configuration data can be uploaded or downloaded for record or system modification. All system, zone and device messages can be recorded, amended or changed, enabling any equipment location label or zone designation to be altered remotely.

Loop load calculator

Run off line on any suitable PC, the software provides invaluable assistance for engineers, at loop configuration stages of fire detection and alarm system design.

The programme presents each loop as a simple spreadsheet, where design quantities of equipment for each loop are entered. Once the loop population has been loaded, the software calculates total current loading, standby periods and battery sizes.

The calculator verifies that the device combinations entered into the spreadsheets are numerically acceptable in quantities, compatibility and current consumption whilst automatically prompting the user on allowable options – greatly reducing configuration time whilst increasing system efficiency.



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