



# **Intelligent** Fire Alarm Panels



GST100

### Addressable Mini Fire Panel

- Single loop addressable panel
- Can connect up to 128 addressable devices
- 8 zone fire and fault indication with consumer definable label
- Self configurable via panel keyboard
- Easy commissioning making the GST100 an ideal product for electrical installers

### Technical Specifications

- Power Supply: 230VAC 50/60Hz
- Operating Environment:
  - Temperature: 0~+ 40°C
  - Relative Humidity: 95%
- Dimension: 210mm x 300mm x 91mm



GST200-2

### Intelligent Fire Alarm Control Panel

- Listed to LPCB
- Two loop addressable fire detection panel packed with features not usually associated with smaller systems, providing a high quality solution at exceptionally good value.
- Loop capacity 477 intelligent devices
- 30 logical configurable zones
- PAS and Acknowledge Function
- Dirty Detector Reporting
- One Man Test Function
- Graphical LCD Display
- Zone indication and manual intervention panel
- Net-workable with all GST intelligent fire panels
- Programmable from PC
- Built-in RS485 repeater output (Maximum 10 repeaters)
- Optional GMC system
- Optional Fireman's Control Panel
- Optional Panel Printer
- Advanced user friendly programming software including 'Fuzzy Logic'

### Technical Specifications

- Standard: EN54 Part 2/4
- Approvals: LPCB, CE
- Main Input Voltage: 220 ± 10% VAC 50/60 Hz
- Input Current Rating: 0.500A
- System Operating Voltage: 24 VDC Nominal (20-27 VDC)
- Loop Capacity: Loop 1:235 ;loop 2:242(Address)
- Sounder Circuits (3):
  - Fire Alarm Output: 500mA /24Vdc/NO-NC
  - F.P.E. Output: 500mA /24Vdc/NO-NC
  - Sounder Circuit Output: 500mA /24Vdc/NO-NC
- Dimension: (HLW)
  - Outer: 580 x 420 x 30 mm
  - Inner: 550 x 393 x 173 mm





GST-IFP8



## Intelligent Fire Alarm Control Panel

- Listed to LPCB
- 8 x Loops (242) capacity (1936) addressable points
- Maximum 10 Loops Standalone
- Modular constructed for future expansion
- 40 x15 lines Colour Graphical LCD Display.
- Up to 999 programmable zones and 140 zone indication
- Auto Programming Day and Night Mode
- Enable and Disable function
- PAS and Acknowledge Function
- Dirty Detector Reporting
- Duplicate Address Checking
- Device Mismatch
- Walk Test Function with optional silent mode
- Can edit device detailed and programmed
- Programmable form PC or Panel
- History record-999 fire incident only and 999 event capacity in non-volatile memory Fully simulation of Cause and Effect
- Advanced user friendly programming software including 'Fuzzy Logic'.
- Networked with all GST Intelligent Fire panels up to 64 Nodes, Optional Fiber Optic and LAN Network Interface.
- Optional RS 485 mimic and repeater up to 64
- Optional RS 232-USB CRT interface, including GSTGMC graphic
- Built in Fire Alarm, FPE, Fault and Alarm Router output
- Panel Printer included
- Built in Battery charger.

## Technical Specifications

- Standard: EN54 Part 2/4
- Approvals: LPCB
- Main Input Voltage: 220 ± 10% VAC 50/60 Hz
- Input Current Rating: 1Ampere
- System Operating Voltage: 24 VDC Nominal (20-27 VDC)
- Loop Capacity: Loop 1-10 :242- Address per loop
- Zone Capacity: 999 Zones programmable
- Sounder Circuits (3):
  - Fire Routing: 200mA /24Vdc/4.7KΩ EOLR
  - F.P.E. Output: 500mA /24Vdc/4.7KΩ EOLR
  - Sounder Circuit Output: 1A /24Vdc/4.7KΩ EOLR
  - Dry Contact: Optional C-9302 module
- Dimension: (HLW)
  - Outer: 850 x 484 x 185 mm
  - Inner: 804 x 440 x 150 mm

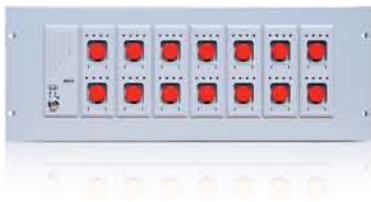


P-9910



## Handheld Programmer

- Portable programming tool for addressing and testing of intelligent devices
- Programs all loop devices (1-242)
- Programming of I<sup>2</sup>C protocol devices like Reflective Beam Detector and GST8903 Mimic Panel
- Interrogates device for Condition - Manufacturing Batch Number - Date of manufacture alarm sensitivity
- Re-program facility enables adjustment to alarm threshold of detectors
- Able to switch on or off the rate of rise function of dual heat detector (I-9103)
- Adjusts input modules to accept N/C or N/O contacts.
- Dimensions: 164mm x 64mm x 24mm



GST-FCP14

## Fireman's Control Panel

- CPU controlled switches with addressable and direct outputs
- Ideal for controlling of smoke vents, AHUs, exhaust fans, smoke curtains, etc.
- Single confirmation
- Overrides cause and effects



FCP-M01  
FCP-Z02

## Components for FCP-014

- For building fireman's switch on wall mount panels
- Ideal for controlling of AHUs, exhaust fans, smoke curtains, etc.
- Overrides cause and effects



GST852RP



### LCD Passive Repeater Panel

- Aesthetically pleasing design with large LCD display
- Compatible with all GST intelligent fire alarm panels
- Back lit LCD displaying all fire information
- Local sounder mute and scroll alarms buttons
- Two part plug-in construction with base mounted termination allows easy installation and connection
- Repeater can be plugged in to base at time of commissioning

### Technical Specifications

- Operation Voltage: 24VDC
- Standby Power: 2W
- Maximum Power: 5W
- Operation Environment:
  - Temperature: 0~+ 40°C
  - Relative Humidity: 95%
- Dimension: 234mm x 104mm x 35mm



GST-NRP01

### Network Repeater Panel

- Provides remote control of system
- Password protect access levels
- Flush-mount or Surface-mount structure
- Functional control of network panels

### Technical Specifications

- Operation Voltage: 24VDC
- Standby Power: 2W
- Maximum Power: 5W
- Operation Environment:
  - Temperature 0~+ 40°C
  - Relative Humidity 95%
- Dimension: 390mm x 270mm x 100mm



GSTGMC

### Graphic Monitor Centre

- Colour graphic control and display system, providing a complete window on the fire detection systems and ancillary equipment
- Compatible with all GST intelligent fire panels
- Multi-level password control for convenient system management
- PC not included