

## Intelligent Single and Double Loop Fire Alarm Panel GST200-2



### Description:

The GST 200 single loop twin loop addressable fire detection control panel is packed with features that are not usually associated with smaller systems. The GST 200 provides a high quality solution at exceptional value.

By utilizing advanced GST Protocol, the system is compatible with the complete range of GST intelligent detectors, Sounders, Call Points, Interfaces, including intrinsically safe and gaseous extinguishing control.

The GST 200 is manufactured and certified to EN54 parts 2 and 4 and to BS5839 Part 4. The GST programming facilities enables advanced and complex cause and effects to be programmed with ease, including phased and cascade evacuation scenario. The GST zonal indication and control facility allows the operator to manually intervene, with evacuation and control of each zone, including control of all plant equipment under an alarm condition.

Addressable security control facilities and gas release controls are built in as standard, making the system ideal for many applications such as Banks, Shops, Telecommunication Centers and GSM exchanges, industrial and commercial facilities.

By utilizing the GST protocol the GST200 can be networked with up to 32 panels, not only the GST200 single loop panel, but also with the GST5000 four Loop panel and the GST5000 modular 20 loop controller, making this the perfect solution for large decentralized systems such as Shopping Centers Military campus industrial complexes, Holiday villages etc.

### Features and Benefits

1. Loop capacity 235 addresses
2. Graphical LCD Display.
3. 30 Zone indication including manual intervention and control
4. 3 programmable alarm output
5. Networkable with all GST Intelligent Fire Alarm panels
6. Programmable form PC
7. RS485 Repeater Output (Max. 10)
8. Built-in gas extinguishing control.
9. Integrated Security alarm facilities
10. Advanced user friendly programming software including 'Fuzzy Logic'
11. Optional Colour Graphics
12. Optional Fireman's Control Panel
13. Optional Panel Printer





www.gst.uk.com  
info@gst.uk.com



Global System Technology PLC  
*The Intelligent Solution*

## Intelligent Single and Double Loop Fire Alarm Panel GST200-2

### Technical Specification

- Standard EN54 Part 2/4 ; BS5839 Part 4
- Approvals LPCB, TRL Compliance, EEC, CE
- Main Input Voltage 220 ± 10% VAC 50/60 Hz
- Input Current Rating 0.75A
- System Operating Voltage 24 VDC Nominal (17-29 VDC)
- Zone Capacity 30 Zones programmable
- Loop length 1.2 Km using 1.5mmsq cable
- Standby Batteries Twin 12 Vdc Bat; 12AH, 24 hours
- Sounder Circuits (3) Output voltage 17 to 29 VDC  
Output current: 500mA per output  
Maximum total load 1.5A  
EOL 10K resistor
- Fuses Mains 1A (20mm A/S ceramic)  
Sounders (2): 1A (20mm A/S)  
Fire alarm Output 0.5A (20mm A/S)  
Battery: 2A (20mm A/S HRC ceramic)  
0.5A at 24VDC
- (Fire alarm) Relay Output Volt-free changeover 1.0A at 24 VDC
- Common Fault Relay Output Maximum load 500mA at 17-28VDC
- 24 VDC Fused Output 600mA
- Battery Charging Current Limit

### Selection of GST200 compatible addressable devices and Panels

- ✓ GST5000/2/4 2/4 Loops Intelligent Fire Alarm Controller
- ✓ GST5000/8 4 to 8 Loops Intelligent Fire Alarm Controller
- ✓ GST5000R/C 1-20 Loops Intelligent Fire Alarm Controller
- ✓ GST852RP LCD Passive Repeater Panel
- ✓ GST852RPX LCD Active Repeater Panel
- ✓ DI-9102 Innovation Intelligent Optical
- ✓ DI-9103 Innovation Intelligent Combined Rate of Rise and Fixed Temperature.
- ✓ I-9101 Intelligent Multi detector
- ✓ I-9102 Intelligent Optical Detector
- ✓ I-9103 Intelligent Dual Heat Detector
- ✓ I-9104 Intelligent UV Flame Detector
- ✓ I-9105 Intelligent Beam Detector
- ✓ I-9201 Addressable Manual Call points
- ✓ I-9300 Addressable Series interfaces (Complete range for all requirements)
- ✓ I-9400 Addressable Series Sounders and strobes
- ✓ I-9600 Intelligent Series Combustible gas detectors

### Ordering Information:

Part No	Description	Weight/Kg	Pack Qty per Box
GST200	Intelligent 30 zone Single Loop Fire Alarm Panel	12.90	1
GST200-2	Intelligent 30 zone Twin Loop Fire Alarm Panel	12.93	1

MANUFACTURED IN ACCORDANCE WITH



Note: Specifications are subject to change without notice.

**GST England** Lion Court, Staunton Harold Hall, Melbourne Road, Ashby de la Zouch, Leicestershire, England LE65 1RT Tel: +44 1283 225 478 Fax: +44 1283 220 690

**GST Dubai** ZA04, Jebel Ali Free Zone, P.O.Box 17998, Dubai UAE  
Tel: +971 (0)4 8833 050 Fax: +971 (0)4 8833 053

**GST China** 80, Changjiang East Road, Economic & Technology Development Zone Qinhuangdao, Hebei, China Tel: +86(0)335 850 2383 Fax: +86 (0)335 850 7588