



# Conventional Fire Alarm Control Panel

GST-104



## Description

The GST104 conventional fire control panels provide two zones of fire detection. These panels have been designed to offer high standards of performance, reliability and quantity and comply fully with BS5839, Part 4, 1988 and EN 54 parts 2 and 4. Each zone can be connected with 15 conventional fire detectors. Operation of the panel are very simple. All control functions are realized through a key switch.

### Microprocessor controlled SMT Electronics

The GST104 conventional control panels are multi-wire fire alarm developed from SCM. Those with signal output interface board has a passive normally open alarm output contacts and fault output contact on each zone. They have two external control output points to control some devices such as sounder, sounder strobe or bells.

Designed with internal standby battery connection and housing. Multiple functions like isolation and test, setting day/night mode, indication of normal state, fault state, alarm state, short and open circuit alarm and identifying the location of detector zone. All control function is realized through a key switch and programming function realized through a key switch and a DIP switch.

The GST conventional panels includes an advanced range of facilities which make this the ideal panel for both standalone solutions, or integrated to larger systems in applications such as, shopping Centers and industrial complexes.

## Features and Benefits

- Microprocessor controlled SMT Electronics
- Compliant with EN54 part 2&4, & BS5839, Part 4, 1988
- Both end of line resistors and active end of line can be used.
- Programmable sounder circuits and outputs
- Zone Isolate control
- Fully monitored sounder circuits
- Key control evacuate over-ride
- Class change terminals for remote control
- Up to 15 fire detectors and infinite manual call points each zone
- Optional Relay Board, 4 Fire & 4 Fault Outputs



## Typical Wiring Connection

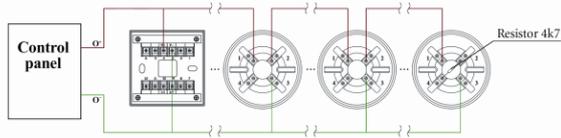


Fig.1 Using End of Line resistor, in compliance with EN/BS standard, when using EOL resistor, call points should be wired before detectors, so that the removal of any detector will not inhibit call point from operating.

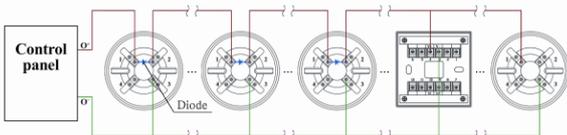


Fig.2 Using Active End of Line, enables call points to be installed in any location on zone as will not be affected by removal of detector (required base DZ-03D)

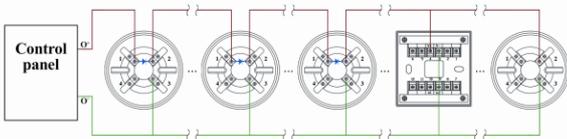


Fig.3 The same as fig.2 principle, using AEOL without detector.

## Ordering Information



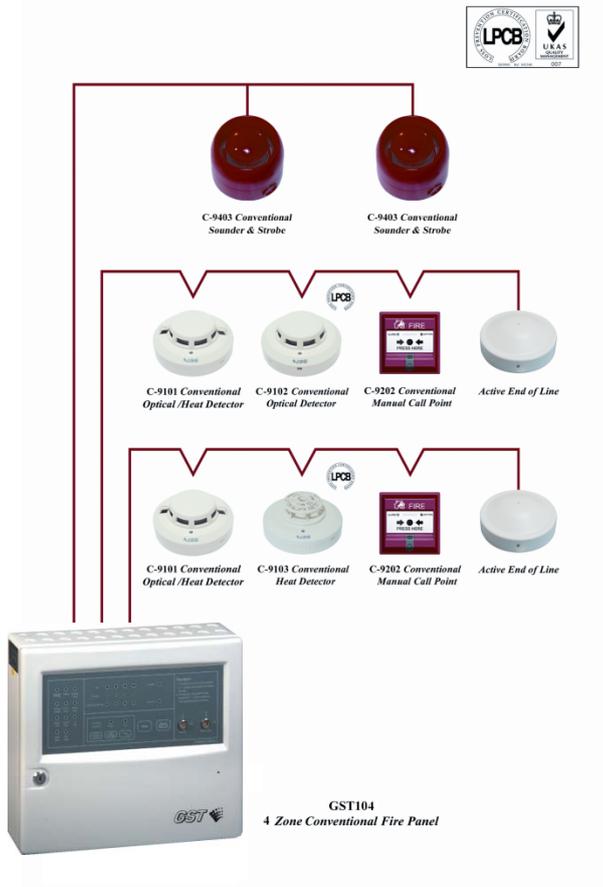
**Part Number:** GST104  
**Description:** 4 zones Conventional Fire Panel  
**Weight / Kg.:** 5.500  
**Pack Qty. per Box:** 1

## Accessories



**Part Number:** RB104  
**Description:** Relay Board  
**Weight / Kg.:**  
**Pack Qty. per Box:** 1

## Conventional Fire Alarm Systems



MANUFACTURED IN ACCORDANCE WITH

