



# Conventional Fire Alarm Control Panel

GST101

## Description

GST101 Conventional Fire Panel is a kind of multi-wire fire panel using single-chip microprocessor. It can detect 1 zone. Each zone can at most be connected with 15 conventional detectors.

It has 2 output control points through which it can control some indicators, such as sounder strobes and sounders, etc.

The panel is designed with stand-by batteries (two sealed acid storage batteries) and reserved space for installation; It has functions of operation indication, fault indication, alarm indication and cable checking for short circuit or broken circuit.

It can also identify the location of detecting zone. Installation and operation of the panel are very simple. All control functions are realized through a key switch.

## 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
- 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 zone capacity

## Technical Specifications

- Standard: EN54-2&4
- Approvals: LPCB
- Operating Voltage: DC24V±15% or AC220V 50Hz
- Stand-by batteries are configured on order. The battery capacity can be calculated according to the formula in Clause 5.6 of this manual. The maximum capacity is 4Ah (lasting for 24 hours in monitoring state).
- Output voltage: DC20V~DC28V
- Static current: 2.4mA  
(connected with 15 conventional detectors)
- Resistance when alarming fire: 150Ω~1.5kΩ  
(normally 470Ω)
- Terminal resistor: 4.7kΩ or using active end of line unit (AEOL)
- Sounder: Output voltage DC20V to DC28V,  
Output current 1A, terminal resistor 4.7kΩ.
- Fault: Passive contact output, capacity 1A DC24V
- Dimension: 380mm×95mm×320mm

## Ordering Information



**Part Number:** GST101  
**Description:** 1 zone Conventional FACP  
**Weight / Kg.:** 2.45  
**Pack Qty. per Box:** 100

MANUFACTURED IN ACCORDANCE WITH

