

GST-GP01

Addressable Fire Alarm / Gas Releasing Control Panel



Description

GST-GP01 is a typical gas extinguishing control device. It can be connected to detectors, manual release stations, release abort stations, audible and visual alarms, gas extinguishing indicators, as well as I/O modules, etc. It has both fire detection and gas extinguishing control functions, and can achieve multiple fire protection zones control.

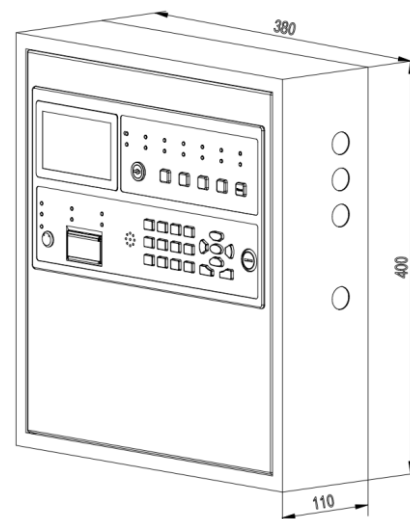
- User programmable password
- Field-programmable via panel keypad or mobile APP through Bluetooth connection
- Up to 9,999 history logs, including 1,000 fire alarms and 1,000 operation records, with full search and retrieval

Features and Benefits

- 4.3-inch color TFT LCD, 480 x 272 resolution
- 2 loops that meet Class A and Class X
- 242 addressable devices per loop mixing various types of devices
- Two Class B NAC which can also be set to AUX
- Built-in four programmable relays which can be set as Alarm, Supervisory, Trouble, Disable function. Additional one fixed trouble relay
- Walk test, silent or audible
- Automatic ground fault detection
- Password stored in nonvolatile memory

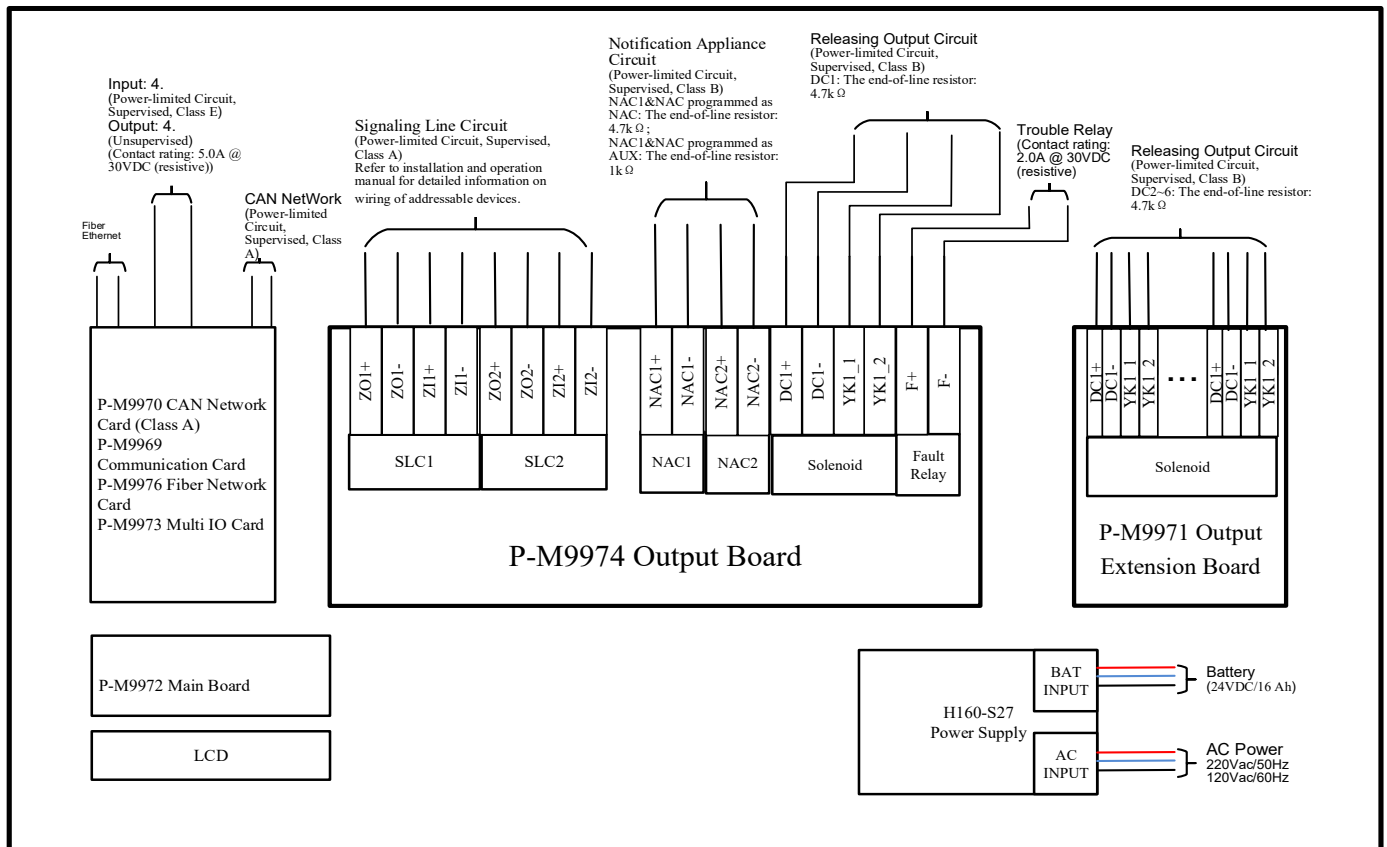
Installation

Wall-mounted. The dimensions of this panel is shown below.



IMPORTANT: This publication is a generic version in which product information is shown for informational purposes only and does not constitute a specific commitment or guarantee. We are constantly pursuing the improvement of product technology to improve product performance, for which we reserve the right to adjust the configuration and technical information of the related products without notice. In addition, the description of system performance in this publication applies only to the usual situation. As a result, there may be a variety of unpredictable special circumstances in the real world, so the realization of the relevant product performance will depend on the professional investigation and analysis and the design plan. Please contact us and we will be happy to provide you with professional advice.

Basic System Connection



Recommended Cabling

Loop: Max. 1300m with 16AWG or 2000m with 14AWG

Network: 2500m with 18AWG or 3000m with 16AWG for CAN class A

All cables should be fire rated and follow local codes

Certificates and Compliance

- Standards: UL864 / NFPA72
- Certifications: UL Listed
- RoHS compliant

Compatible Devices

Detectors	DI-M9101N, DI-M9102N, DI-M9103
Manual Call Point	DI-M9204
Modules	DI-M9300, DI-M9301, DI-M9305, DI-M9319
Sounders & Strobes	DC-M9410 Synchronization Module DC-M9413R/DC-M9413W DC-M9414R/DC-M9414W DC-M9415R/DC-M9415W DC-M9416R/DC-M9416W
Loop Isolators	DC-M9503, DC-M9504
Sounder Base	DI-M9402, DC-M9402
Gas Releasing Control Devices	DI-M9320 DI-M9320Y DI-M9321 DI-M9322 DI-M9324 DC-M9325

Technical Specification

Primary Supply	120VAC, 60Hz, 1.9A (Maximum Alarm) 220VAC, 50Hz, 1.0A (Maximum Alarm)
Battery	Two 12V / up to 16Ah sealed lead-acid batteries
Loop Capacity	2 loops
Device Capacity	242 addresses per loop
Loop Parameter	Voltage: Nominal 27.5VDC Average current: 70mA Maximum alarm current: 130mA Maximum wiring resistance: 18ohms (each line)
Fire alarm and AUX outputs	Fire alarm and AUX outputs Class B, Power-limited Output Voltage: Nominal 26.5VDC Max. Current: Totally 3A(Shared by both NAC1 and NAC2/AUX)
LCD Display	4.3" TFT LCD screen, 480x272
Networking	CAN & Optical Fiber, Ethernet, Max. 240 nodes
Protection	IP30
Operating Environment	-10°C to 50°C, ≤ 93%RH, non-condensing
Dimensions	380mm(W) x 400mm(H) x 110mm(D)
Weight	~6.3kg

Gas Releasing Devices

Product NO.	Part NO.	Item Name
10107311	DI-M9320	Addressable Manual Release Station (Red)
10107513	DI-M9320Y	Addressable Manual Release Station (Yellow)
10107307	DI-M9321	Addressable Abort Station
10107308	DI-M9322	Addressable Gas Releasing Indicator
10107309	DI-M9324	Addressable Automatic/Manual Switch
10107310	DC-M9325	Conventional Releasing Circuit Disconnect Switch
10107381	D-M93WPB	Common Water-proof Box
10107380	D-M93WPBS	Water-proof Box (for Sounder/Strobe Only)

Order Information

Part NO.	GST-GP01
Device Name	Addressable Fire Alarm/Gas Releasing Control Panel
Product NO.	10107333

Accessories and Tools

Product NO.	Part NO.	Item Name
20104353	P-M9971	Output Extension Board
20104352	P-M9970	CAN Network Card (Class A)
20104361	P-M9976	Fiber Network Card
20104358	P-M9973	Multi-IO Card
20104350	P-M9969	Communication Card