

FPC-2554 / 2558

Fire Alarm Control Panel

The **FPC-2554** and **FPC-2558** is a 4 and 8 zone microprocessor based conventional Fire Alarm Control Panel. The Panel accepts water flow devices, conventional input devices like 2 wire and 4 wire smoke detectors, Manual Call Points and other normally open contact devices. The Outputs include two notification appliance circuits (NACs), Resettable 24v D.C. output, Three Form-C relays for alarm, fault and supervisory. This panel is field programmable via the front panel keypad. It supervises all wiring, AC voltage and Battery level.



**UL 864 9th
Edition
- 4/8 Zones**

Key Features

- 4/8 Class B initiating device circuit (IDC)
 - All zones accept smoke detectors or any normally open contact devices
 - Any Zone can be configured as Alarm or supervisory Zone
- 2 Class B Notification Appliance Circuits (NAC)
- Fully complies with UL-864 and NFPA-72
- Rugged CRCA sheet with powder coated finish
- Operates on 110 - 220v 50 /60 Hz, AC Mains power supply
- Standby (battery) backup 24v DC power supply with built in charger
- 16x2 Dot Matrix LCD Display
- Error free Fire / Fault status using unambiguous colored LED indication
- System ON indication
- Main, Standby status audible and visual indication
- Battery Low visual warning with audible tone
- Form-C relays for fire, fault and supervisory
- Resettable / uninterrupted 24v D.C. Output
- RS 485 Communication facility (Optional)
- Lamp Test facility
- Walk Test facility
- Zone Isolation facility with loop voltage cut off
- Earth fault annunciation facility at 0 ohms
- All field wiring circuits are Power limited except 110 - 220v AC and Battery
- All field wiring circuits are supervised
- AC Low voltage cutoff
- Programmable NAC's
- Programmable IDC's
- Programmable Supervisory Mode
- Programmable AC lost delay
- Alarm verification facility
- Programmable Trouble reminder facility

TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	AC(120 ~ 230) V
POWER SUPPLY	DC 24 V



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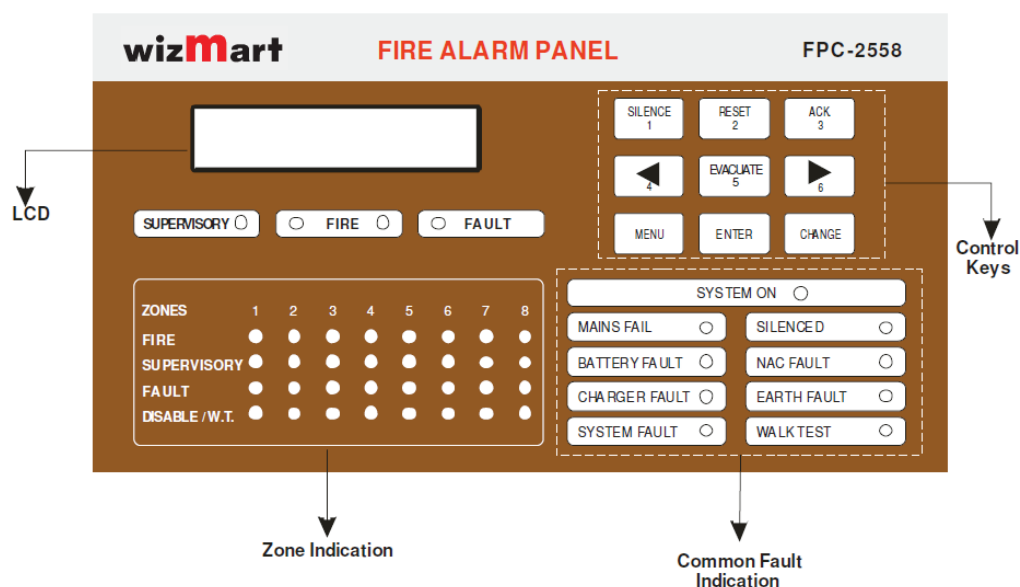
ALARM ZONES	4 or 8
INITIATING DEVICE CIRCUITS	Class B Style B/C operation (programmable)
NOTIFICATION APPLIANCE CIRCUITS	2 × Class B Style Y wiring
OPERATING TEMPERATURE	0 °C ~ +49 °C
OPERATING HUMIDITY	93 % RH, non-condensing @25 °C
DIMENSIONS (H × W × D)	(340 × 400 × 120) mm

ORDER CODE Description

FPC-2554	4-zone fire alarm control panel
FPC-2558	8-zone fire alarm control panel

^a-R for RED Colour Enclosure
-W for WHITE Colour Enclosure

Control and Indication



Master Board

