MFS-256- Amplifier Panel
FIRE ALARM CONTROL PANEL

MICROGUARD
FIRE SYSTEMS
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PRODUCT OVERVIEW :-

MFS Series 256 panel with Amplifier , it is a single wire communication panel with the zone capacity of 48 nos. The talk back unit is used for communication . This panel is generally used in residential, Commercial and Industrial area. The panel can be installed at ground floor with talk back unit on each floor.

FEATURES:-

- Using advance microprocessor technology with large memory capacity.
- Support real time visualization.
- Support interface protocol RS 485.
- 48 LED zones indication.
- Support loop powered device for extra saving on cable cost.

OPERATION:-

-Switch ON mains power supply.

- Ensure battery is connected properly.
- Normal condition indicated by green Power LED.
- In case of fire, corresponding zone Fire LED glows and sounder activates.
- Silence sounder using Silence button if required.
- Reset panel after clearing alarm condition.

MAINTENANCE:-

-Weekly test of at least one Talk back per Floor.

- Annual full system inspection by authorized service person.

SAFETY INSTRUCTIONS:-

-Installation must be carried out by qualified personnel only.

- Disconnect mains supply before servicing the panel.
- Use specified fuse ratings only.
- Do not short circuit zone or sounder terminals.
- Follow local fire and electrical safety regulations.

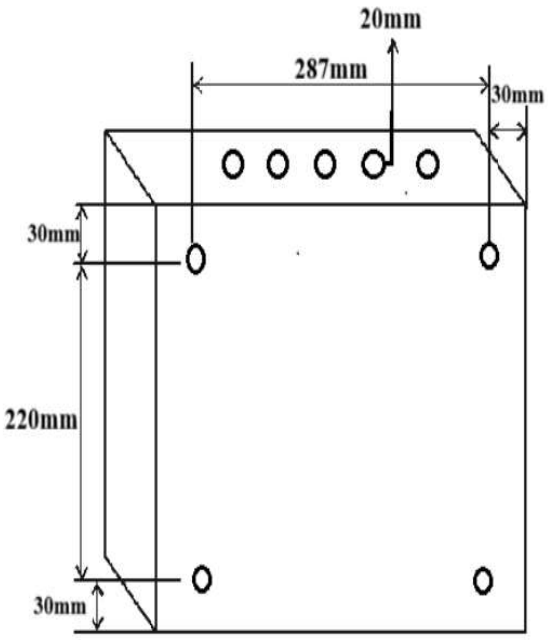
ELECTRICAL SPECIFICATIONS:-

Mains Supply	230V AC , 50Hz
Battery	1 x 12V DC ,7AH
Zone Capacity	48 zones
Maximum Charge Current	1A
Power Supply	16V DC
Interface Port	RS485
Power Rating	16V – 24V DC/ 120mA

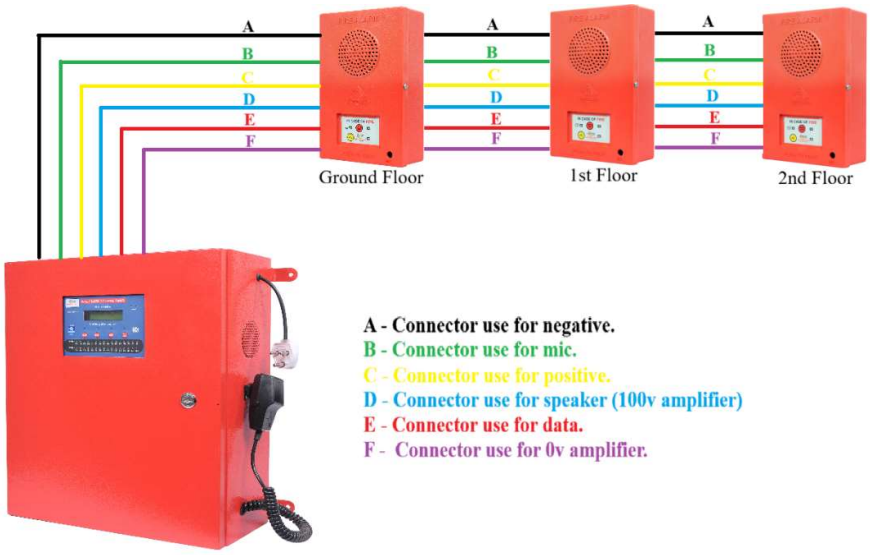
MECHANICAL SPECIFICATIONS:-

Enclosure	MS Powder Coated Metal
Colour	RED
Mounting	Wall Mounted
Dimensions	Approx. L 500 x H 400 x W 230mm
Panel Weight	23Kg

NOTIFICATION APPLIANCE CIRCUITS:-



WIRING DAIGRAM:-



A - Connector use for negative.
B - Connector use for mic.
C - Connector use for positive.
D - Connector use for speaker (100v amplifier)
E - Connector use for data.
F - Connector use for 0v amplifier.