

## Standby Mode

At the normal standby stage, if AC power supply normally, only **Mains Healthy** LED is on (green light) while all other LED are off.

Both AC power and spare power (battery) must be connected, or Panel will sound to warn.

Turn the control key to **OFF** position at the normal standby stage.

## How to Reset FIRE signal

1. Turn the control key to **ON** position.
2. Press the **SILENCE** button (mute the external sounders: alarm bell, buzzer).
3. Press the **RESET** button.

\*\*\*\*If you need to restart the external sounders (alarm bell, buzzer), press the **EVACUATE** button to start alarm again.

**Attention: Must press SILENCE button first and press RESET button, then it will work.**

## Fault Mode

The Panel will sound if any of the following occur:

1. **Detector Fault** (Detector Base loosened or without end of line resistance 5.1K $\Omega$ ).
2. **Zone Wiring Fault** (open circuit or short circuit)
3. **AC Power Fault**
4. **Spare Power (battery) Fault** (confirm the fuse)
5. **Alarm Bell Output Wiring Fault** (open circuit or short circuit or without end of line resistance 10K $\Omega$ ).

## EVACUATE (Alarm Restart)

The **EVACUATE** button can be used to activate the alarm in the event of an emergency. It can also be used to re-sound an alarm after the alarm has been silenced.

## Zone and Display

Each Zone is represented by three LED, one Red and two Orange color.

■ **FIRE** (Red LED): Fire Alarm Signal

■ **O/C FAULT** (Orange LED): Open Circuit

■ **S/C FAULT** (Orange LED): Short Circuit

## LED Test

This is testing ■ **FIRE** (Red LED) if work normally.

1. Turn the control key to **ON** position.
2. Press the **RESET** button continuously and all of the ■ **FIRE** (Red LED) should on and Panel should sound.

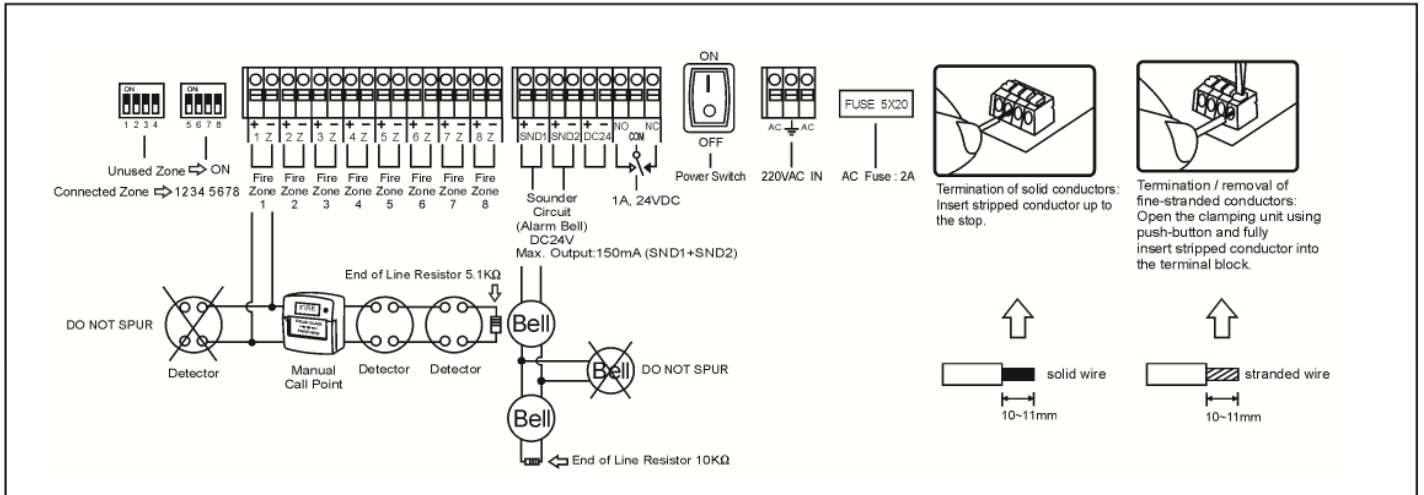
## General Specification

Mains Supply	220V AC 50/60 Hz
Spare Power (Battery)	24V DC
Charging Voltage Protection	Glass Fuse
Sounder Output	24V DC (End of Line Resistance 10K $\Omega$ ) Max. Output Current: 150mA amount
Amount of Smoke Detectors	Max. Amount of Connection: 20 / Loop
Auxiliary Contacts	Null-Voltage Contact (24VDC, 1A max. NO/NC)
Mains Supply Protection	Glass Fuse
Sounder Protection	Glass Fuse
Spare Power (Battery) Protection	Glass Fuse
Zone End of Line Resistance	5.1K $\Omega$

## Sounder Circuits

1. Two external sounder output circuits are provided.
2. Amount of two sounder outputs is 150mA.
3. Each sounder circuit is protected by fuse (1A).
4. Each sounder circuit should be with End of Line Resistance (10K $\Omega$ ) to check if open circuit or short circuit.
5. Press **EVACUATE** button can re-sound the external alarm (alarm bell, buzzer).
6. Press the **SILENCE** button to mute the external sounders (alarm bell, buzzer).

# Circuit Connection Diagram



# Fuse Illustration

