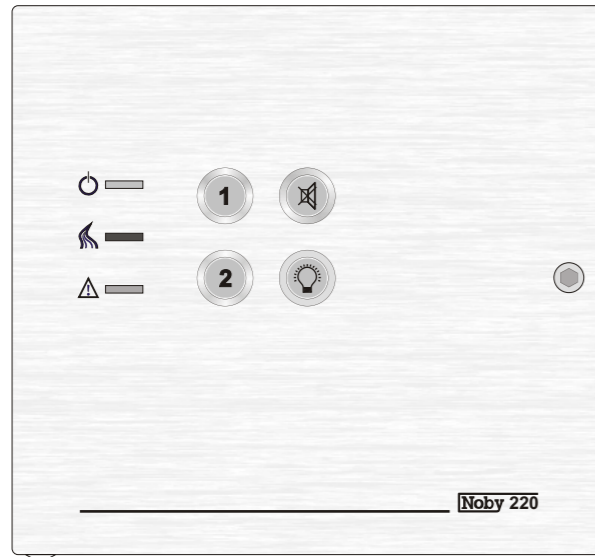


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# Noby 220

## Residential Fire Control Panel



### User Operating Instructions

IX-02-143 Rev 1

Please read the following instructions carefully and retain them in a safe place for future reference.

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## Important



This equipment is to be installed, serviced and maintained by a suitably qualified technical person with the requisite knowledge of electrical and fire safety installations.



The Noby-220 incorporates fault monitoring of vital safety circuits as required by the EN54 standard. It is important that fault indications are investigated at the earliest by a qualified engineer.



Part of the internal circuitry operates at 230V and presents an electrical shock hazard. Do not attempt to open, dismantle, repair or tamper with this equipment without first disconnecting the mains supply voltage.

### The Responsible Person

The Responsible Person is the person who would normally:

- prepare the Fire Alarm Procedures for the premises
- ensure that all persons are familiar with the Fire Alarm Procedures
- ensure that persons likely to operate the Fire Control Panel are familiar with its operation, and know where the User Operating Instructions are stored.
- ensure that all detectors and call-points remain free from obstruction
- routinely test the Fire Alarm System
- contact the Installation Company in the event of a fire, false alarms or faults
- ensure that the Fire Alarm System is regularly serviced
- maintain a log book of all activities related to the Fire Alarm System

### The Installation or Service Company

Name :

Telephone :

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## Pushbutton Operation

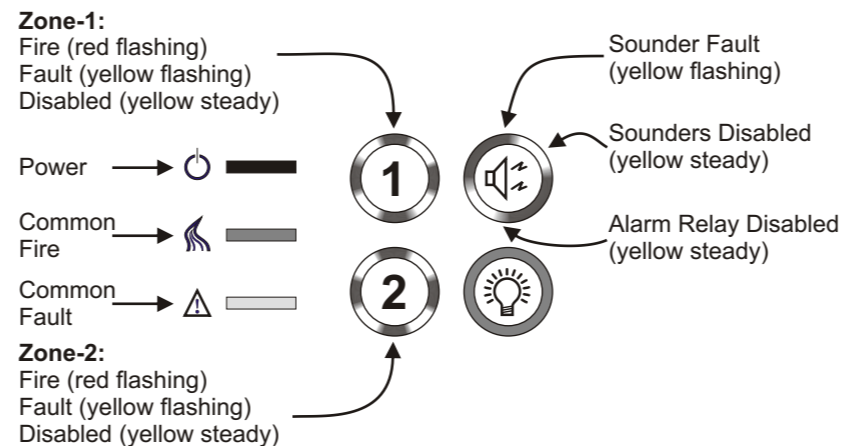
Some functions are accessed by a simple one-touch key operation, whilst other more safety critical functions are accessed via the User Access Code. The acceptance of each key sequence is confirmed with an audible double click. When entering the User Access Code, the green Power LED will flash rapidly for 5 seconds signifying that the panel is ready to accept the Function key.

| One-Touch Key | Momentary Press   | Press & Hold for 5 secs                                |
|---------------|---|--|
|               | Mute Sounders   | Evacuate / Sounder Test activates the sounders & relay |
|               | Courtesy Light : On / Off<br>timed 10 mins if mains OK<br>timed 60 mins if no mains | Courtesy Light On<br>i.e not self-timed                |
| 1             | no action   | Disable Zone-1<br>self-timed 60 mins                   |
| 2             | no action   | Disable Zone-2<br>self-timed 60 mins                   |

| User Access Code | Function | Action   |
|------------------|----------|--|
| 1 1 2            |          | <b>System Reset</b>  |
| 1 1 2            |          | Evacuate or Sounder Test<br>activates the sounders & relay |
| 1 1 2            | 1        | Disable / Re-enable Zone-1<br>permanently i.e. not timed   |
| 1 1 2            | 2        | Disable / Re-enable Zone-2<br>permanently i.e. not timed   |

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## LED Indications



| System LED               | Status  | Interpretation  |
|--------------------------|---|---|
| POWER<br>(green)         | steady on<br>1 flash / 4s<br>1 blink / 4s<br>rapid flashing                               | Mains OK<br>Mains Absent<br>Mains Absent (latched memory)<br>awaiting a pushbutton command  |
| COMMON FIRE<br>(red)     | steady on   | Fire on Zone-1 and/or Zone-2  |
| COMMON FAULT<br>(yellow) | steady on<br>1 flash / 4s<br>2 flash / 4s<br>3 flash / 4s<br>4 flash / 4s<br>flashing 2Hz | Common Zone or Sounder fault<br>PSU Low Volts (real time status)<br>PSU Low Volts (latched memory)<br>PSU Battery Capacity Test failed<br>PSU Battery O/C or Fuse F2<br>CPU Watchdog Fault. |

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## Panel Behaviour

### Faults & Warnings

A **Fault Tone** is signified by a low-level double-beep every 4 seconds, which can be muted. Make a note of the LED indication. Perform a System Reset to clear down the indication. If the problem persists then inform the Installation or Service Company at the earliest as the system may be compromised.

A **Warning Tone** is signified by a low-level double-beep every 60 seconds, which can be muted. This is most likely to occur due to a loss of mains supply for more than 90 seconds. The green Power LED will flash once every 4 seconds whilst the mains is absent, and blink once every 4 seconds when the mains is restored. Perform a System Reset to clear down the indication.

### System Reset

A System Reset resets the detector circuits and clears down the panel indications. All the panel LEDs are lit during the 3 second reset period. Note that a standing fire or fault condition will immediately re-trigger the alarm after a Reset.

### Courtesy Light & Power-Cuts

Under normal circumstances the courtesy light can be switched on for a self-timed period of 10 minutes, or switched on permanently by means of the User Access Code. In the event of a power-cut the courtesy light self-timer is extended to a more useful 60 minutes, and is *automatically* triggered on detection of mains power loss. At any time during a power-cut the light can be *manually* re-triggered for a further 60 minute period. Note that in the interest of conserving battery power it is not possible to turn the courtesy light on permanently during a power-cut.

### Backlight

The backlight is automatically disabled in the event of mains supply loss in order to conserve battery power.

### Temporarily disabling the zones

In certain domestic environments it may be desirable to temporarily disable part of the system where nuisance alarms are likely to occur eg. burning toast in the kitchen. Press the Zone-1 or Zone-2 button for 5 seconds until the yellow LEDs indicate that the zone is disabled. Note that the zone can be manually re-enabled by repeating the operation. Otherwise it will be automatically re-introduced after a period of 60 mins. Frequent use of this facility is not recommended and you should contact the Installer or Service Company for further advice about suitable detector types and their siting.

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## Fire alarms

### The Responsible Person

The Responsible Person for the fire alarm should devise written procedures for the action to be taken in the event of a fire alarm, and ensure that all other users have received sufficient training on how to operate the system properly and that they are familiar with these procedures.

In the event of a fire the fire control panel will :

- activate the internal panel sounder and any other connected sounders
- activate the alarm relay which may trigger connected ancillary equipment
- the LED display will indicate i) Common Fire LED  
ii) one or more zone LEDs

When the alarm sounds :

CARRY OUT THE PRESCRIBED FIRE ALARM PROCEDURE

### Silencing the Panel

Only after the prescribed Fire Alarm Procedures have been carried out should you silence (mute) the audible sounders.

To mute the sounders press

### To re-sound the alarm

The sounders can be manually re-activated by pressing for 5 seconds.

### Resetting the system

Only perform a System Reset once the cause of the alarm is established. Record the indications in the Log Book.

To perform a System Reset press 1 1 2

If the original cause of the alarm still exists or has not cleared then the alarm will immediately re-sound.