

# Invincibell E

Low power external sounder with strobe

# Invincibell Plus

Low power external sounder with strobe and back-light



The Invincibell can be mounted either horizontally or vertically giving you more installation and visual flexibility.



## ***AROUND THE CLOCK VISUAL DETERRENT TO MAXIMISE YOUR SECURITY***

Both, the Invincibell E and Plus feature engineer friendly features such as the unique levelling mechanism and modular components that make simple sounder installations a reality.

Both external sounders incorporate the same features that are described overleaf. However, the Invincibell Plus has a fully back-light option, which enables around the clock visual deterrent to maximise your security.

The Invincibell E and Plus are available in a variety of different coloured lids and different coloured bases:

Lids



Bases



NOTE: Black, Blue and Chrome lids are not recommended for the Invincibell Plus

### Current consumption feature (Plus only)

The Invincibell incorporates a LDR (Light Dependant Resistor) circuit which turns the Light off during daylight hours when it is not needed, saving on the product current consumption. When the day turns from dusk to dark the LEDs illuminate so that your external visual deterrent can be seen on the darkest of nights.

### Visual alarm warning feature (Plus only)

In addition to the strobe which is present on all of the Invincibell models, the Invincibell Plus has the added feature that the illuminated cover will strobe when the alarm is activated, giving you the added peace of mind that your alarm will be seen in 'alarm mode' from a much greater distance than standard sounders that do not have back lighting facilities.

### Security and peace of mind

The Invincibell has front and rear tamper protection and in the event of a potential sabotage attack, the sounder provides a distinctive audible warning.

The electronic elements on the printed circuit board are protected by a fully sealed unit with a rubber gasket providing added protection in harsh environments and giving your customer peace of mind that the Invincibell will always sound in the event of an alarm activation.

### Unique levelling mechanism

A spirit level is supplied so that you can easily mount the Invincibell. In addition, to make the installation as simple as possible, revolving guide holes are used to save time lining up screw and drill holes.



### Screw and Plug Holders

Rather than searching pockets or containers for screws and plugs, the Invincibell has a location to support up to 4 screws and 4 plugs so these are easily accessible in the most difficult of places (i.e. up a ladder etc).

### Engineer hold-off facility

The Invincibell engineer hold-off facility means that when initially powered with the tamper switch open, the sounder will not activate.

### Sound Rating:

108dBA with one piezo sounder.

### Remote engineer hold-off facility

There is also the capability for remote engineer hold-off which is invaluable when you are servicing the system enabling easy maintenance. It can be turned on at any time by applying 0V to this dedicated terminal which will then disable the tamper.

### SCB/SAB Mode

Self Contained Bell or Self Activating Bell mode.

### Fully back-lit cover

The Invincibell Plus low power modular unit back-lights the cover (Invincibell Plus only)



### Electrical specification

#### Operating Voltage

|            |                            |
|------------|----------------------------|
| Supply:    | 9-16 V DC (13.5 nominal)   |
| Protected: | Reverse polarity protected |

#### Current Consumption

|                    |          |
|--------------------|----------|
| Quiescent Current: | < 60 mA  |
| Alarm Current:     | < 300 mA |

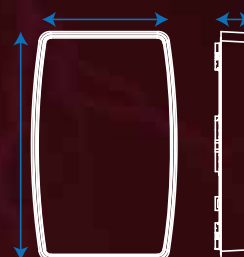
#### Strobe

|                   |        |
|-------------------|--------|
| Strobe Duration:  | 100 ms |
| Strobe Frequency: | 1Hz    |



#### Dimensions

|     |         |
|-----|---------|
| [W] | 198.8mm |
| [H] | 314.5mm |
| [D] | 53.3mm  |



#### Packing information

**Minimum quantity:** 10  
**Minimum order for screen print:** 40  
**Warranty:** 2 years  
**Designed:** UK

#### Dummy bases also available

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