

# INSTALLATION INSTRUCTIONS



StroBell (Part Code:SBE6-XS-024-YY-WR)

*X = Gong Colour, YY = Language/OEM*

## General

Fire alarm bell with strobe for professional installation in commercial fire alarm systems.

## Specification

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Input Voltage         | 20.4V ~ 27.6V dc                                |
| Maximum Current       | 27mA (Normal Output)/47mA (High Output)         |
| Output SPL @ 24V      | 92-96dB(A)                                      |
| Ingress Protection    | IP21C with Shallow Base                         |
| Cable entries         | Wiring from Rear of Product                     |
| Back box fixings      | Shallow base - All common electrical back boxes |
| Terminals             | 0.5mm <sup>2</sup> - 2.5mm <sup>2</sup> cables  |
| Operating Temperature | -10°C to +50°C (Shallow)                        |

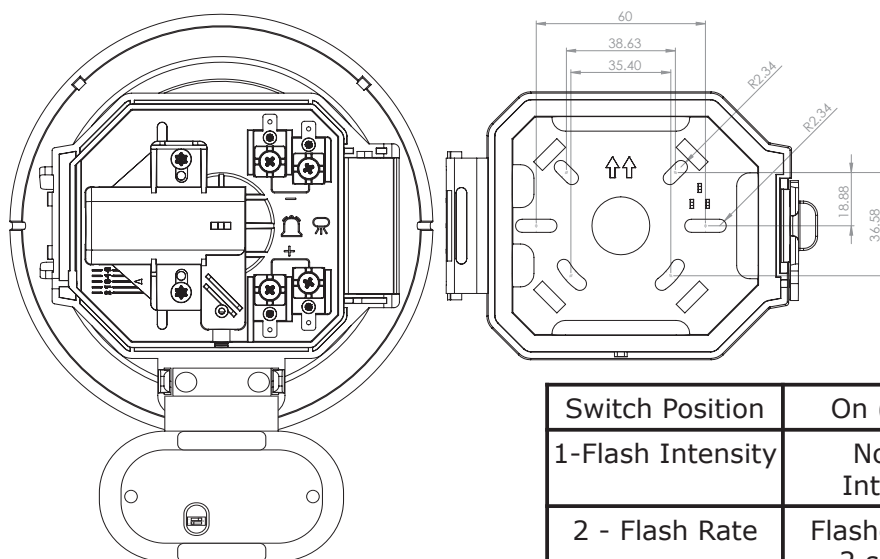
## Installation

### Mounting shallow base

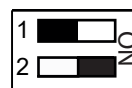
- 1.Ensure bell housing is correctly orientated upwards as marked by base arrows and gong open to left.
- 2.Fit base to wall or electrical back box (Not Supplied) with suitable fixings.
- 3.Feed Field wiring through enclosure and terminate as per wiring instructions.

## Mechanical Information

Shallow base



DIL Switch Settings  
shown below



| Switch Position   | On (Right)              | Off (Left)           |
|-------------------|-------------------------|----------------------|
| 1-Flash Intensity | Normal Intensity        | Reduced Intensity    |
| 2 - Flash Rate    | Flashes every 2 seconds | Flashes every second |

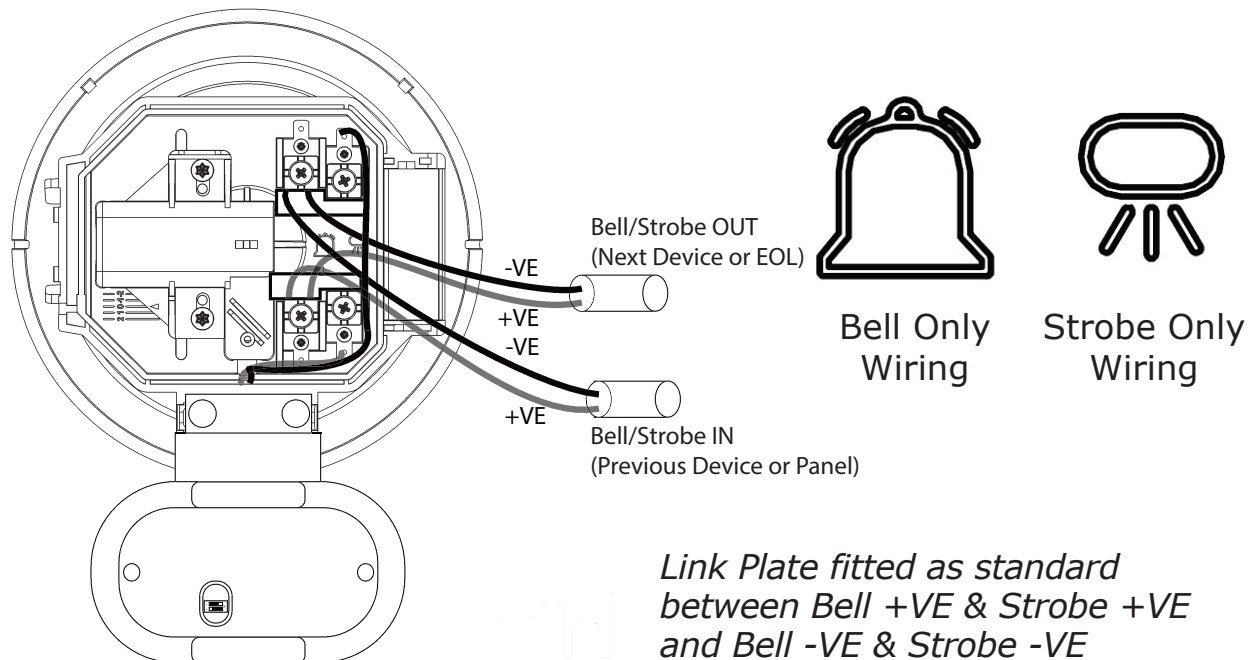
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## Wiring



### Note:

Once all the field wiring has been completed and the unit tested, the anti-tamper screw should be removed from the base and fitted to the clip to avoid unauthorised opening.

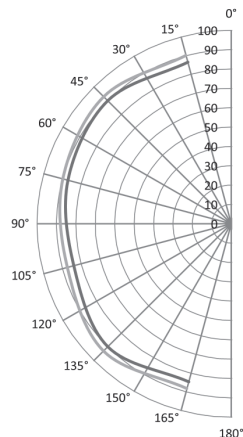
If Link Plate is removed, connect Bell field wiring to "Bell Only" and Strobe field wiring to "Strobe only"

## Polar Plot

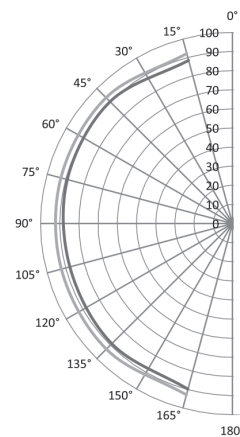
Polar data provided at Min. / Max. dc supply and at 1 metre distance.

**Product should only be mounted vertically (arrows orientated upwards)**

| Angle | Horizontal |       |
|-------|------------|-------|
|       | 20.4V      | 27.6V |
| 15°   | 86.44      | 90.04 |
| 45°   | 89.94      | 92.84 |
| 75°   | 87.04      | 89.74 |
| 105°  | 83.94      | 87.34 |
| 135°  | 89.94      | 93.04 |
| 165°  | 84.64      | 88.24 |



| Angle | Vertical |       |
|-------|----------|-------|
|       | 20.4V    | 27.6V |
| 15°   | 88.44    | 92.14 |
| 45°   | 90.24    | 93.24 |
| 75°   | 89.04    | 92.64 |
| 105°  | 87.64    | 92.34 |
| 135°  | 88.84    | 92.94 |
| 165°  | 89.64    | 92.74 |



Document available  
in other languages



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