
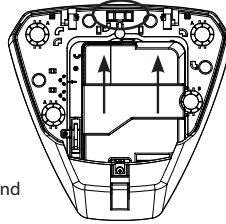


Self Powered External Sounder Installation Guide



Installation Steps: Step 1

Slide the PCB module upwards. The sprung back-tamper arm can be retracted to allow removal. *This must be done in order to install the revolving guides - see step 4.*

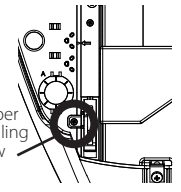


Place the base on a flat surface and ensure it is vertical using the Spirit level that is already installed. Drill and plug in each of the fixing locations. The revolving guides will correct any misalignment. If the Deltabell X must be mounted on an uneven surface, it is recommended that a tamper levelling screw is used to ensure correct back-tamper operation. See step 2.

Step 2

Mounting the Deltabell X on an uneven surface may cause false triggering, through incorrect operation of the back-tamper.

A POZI number 2 screw driver is recommended for adjusting back tamper screw.



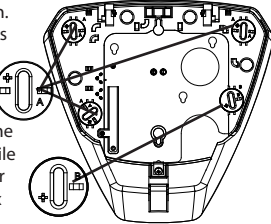
The cables to the Deltabell X should be routed away from the mains supply and telephone cables to avoid any electrical interference.

Step 3

Insert the guides in as shown. Make sure that the guide 'B' is aligned with the tabs to the right (this is so the PCB module slides in).

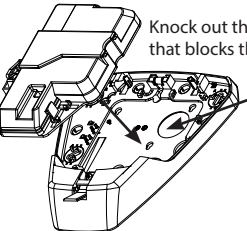
Turn each guide until they line up with the drilled holes, while referencing the spirit level for the correct alignment and fix the base firmly to the wall.

Please note, if the Deltabell X is installed on an uneven surface, it is recommended that you don't tighten up the wall screws until after the module is installed (step 6)



Step 4

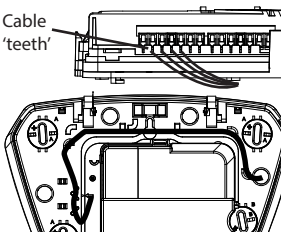
Place the PCB module, ensuring that the arrow is aligned with the marker (on the left of the module).



Knock out the plate that blocks the 2nd Piezo.

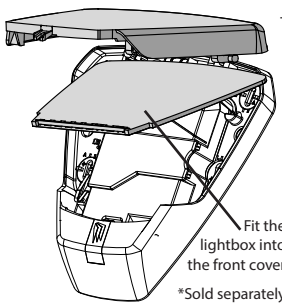
Step 5

Route the wires through the guides as shown and then up to the 'teeth' that separates the cables



Step 6

Fit the lid by sliding its hinges into place. The lid can be supported in the fully open position (it is recommended that the supplied support holder is used). To close the lid, remove the support holder and apply a little force to push the lid past the holds.



Close the lid and ensure the tamper is operating correctly and insert the 25mm long screw supplied and rotate the screw cover to a close.

Fit the lightbox into the front cover


*Sold separately

Backlight

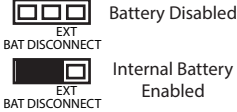
Partcode: FPDELTA-X-LIGHT

When the Deltabell X is in alarm the backlight will strobe.

The backlight can be enabled and disabled as shown below




Battery Connection



Compliance

For electrical products sold within the European Community. At the end of the electrical products useful life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.



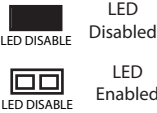
Grade 3 Features

Every 24 hours the Deltabell will do an active self test on the SAB back up battery. If the SAB back up battery fails its self test, then the FAULT relay will open. This notifies the intruder control panel that there is a warning device fault. It may be necessary to change the SAB back up battery.

The Deltabell siren trigger wire input is monitored to be compliant at Grade 3. On some control panels it may be necessary to connect a resistor between the control panel siren output and 0 Volts. Please refer to the addendum table or call technical support.


LED Enable/Disable and SAB/SCB Mode

There is the option to enable/disable the comfort LEDs by enabling/disabling the 'LED DISABLE' link:



SAB Mode
Uses power from the control panel 12V output

SCB Mode
Uses power from backup battery



External Engineer Hold Off

The Deltabell X has an external engineer hold off function. When first powered with the tamper switch open, the sounder will not activate. To enable the sounder for specified operation, the tamper switch must be closed

The Engineer Hold Off terminal is used to disable the cover tamper switch when a control panel is in Engineer Mode. Applying 0V to the 'ENG HOLD' terminal over-rides the tamper circuit allowing access to the Deltabell X without sounding the alarm.

Self Activating Engineer Hold Off

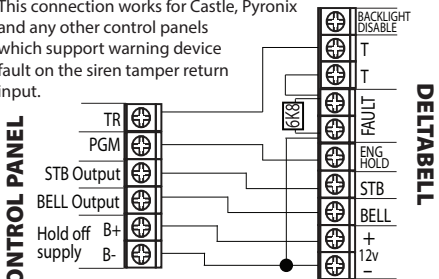
The Deltabell X also has a self activating engineer hold off function. If the sounder is only powered by the battery (before any auxiliary inputs are connected), the siren will not activate until the auxiliary inputs are connected.

The comfort LEDs on the Deltabell X will flash alternatively three times which confirms to the engineer that the tamper are closed correctly.

Once the auxiliary inputs are connected the Deltabell X will be fully operable.

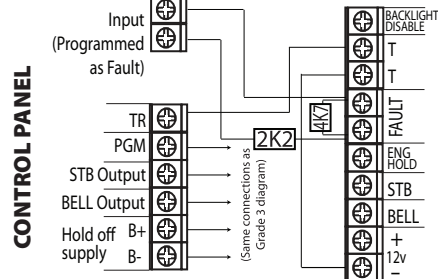
Connections: Grade 3

This connection works for Castle, Pyronix and any other control panels which support warning device fault on the siren tamper return input.



The Bell and Strobe triggers are negative applied

Connections: Fault to an Input



The Bell and Strobe triggers are negative applied

Technical Specification

Supply voltage: 9-16V
Quiescent current: 90mA
Alarm current: 300mA
Strobe duration & frequency: 10mS, 1Hz
EN certified sound pressure level: 109dB(A)
Maximum sound pressure level: 115dB(A)
Acoustic output: Tone
Maximum sound duration: 15 mins
Battery type: NiMH 7.2V, 250mAh
Dimensions: 290 x 285 x 50mm
Remotely powered: Upon loss of remote power, the sounder will operate. Upon loss of trigger command integrity, the sounder will operate.
Reverse polarity protected.
For wall mounting only

Warranty and Compliance

This product is sold subject to our standard warranty against defects in workmanship for a period of two years but has a life expectancy of three years. Please note: In positions where the Deltabell X casing is subjected to high levels of U.V. sunlight, there maybe risk of case colour fading, this is not covered by the warranty. In the interest of continuing improvement of quality, customer care and design, Pyronix Ltd reserve the right to amend specifications without giving prior notice.

When disposing of the product, the batteries must be removed and disposed of separately in accordance with the local regulations

Suitable for use in systems installed to PD6662:2010 at Security Grade 3, Environmental Class IV.

Contact Information

Technical Support Line:
+44(0)845 6434 999 (local rate)
or call +44(0)1709 535225

Hours: 8.00am - 6:30pm
Monday to Friday

customer.support@pyronix.com

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