

Deltabell Plus

Grade 3 Self Powered External Warning Device



EN50131-4:2009
PD6662:2010

Security Grade 3
Environmental Class IV

ENGLISH

Important References:

- A TAMPER LEVELLING SCREW:** Adjust the screw accordingly to make sure the tamper operates as specified on surface that the Deltabell is installed upon.
- B REPLACING THE BATTERY:** The Deltabell battery is located within the Deltabell module. The replacement battery must be a NiMH 7.2V, 250mAh.
- C BACKLIGHT DISABLE:** Disables the backlight if this terminal is connected to 0V.
- D ENGINEER HOLD OFF:** When the Deltabell is initially powered with the tamper open, the sounder will not activate. To enable the sounder for specified operation, the tamper must be closed. This terminal can be connected to a PGM programmed as 'Engineer Access' (0v applied) so that the tamper on the Deltabell is disabled when in the Engineer Menu on the control panel.
- E GRADE 3 / GRADE 2 DELTABELL:** If enabled as GRADE 3, every 24 hours the Deltabell will do an active self test on the SAB back up battery. The low voltage threshold is 6V. If this test fails, the FAULT will open and the control panel will be notified. The diagram example [E] shows a '6K8' across the FAULT relay for a Version 9 Pyronix control panel. Please refer to RINS1683 for all other connections. In addition, the Deltabell siren trigger wire will be monitored. If the siren trigger wire is removed or cut the siren will self activate and the internal tamper relay will open. If enabled as GRADE 2, siren trigger monitoring and the FAULT relays are disabled.

Note: The Deltabell (warning device) must be powered via the control panel with a current limited to 0.5A from a generally limited power source. It must also be powered by a SELV circuit ONLY and should be installed by qualified personnel.

IMPORTANT: Please ensure that the wall plug that you are using is compatible with the surface that you are fixing this external sounder to (a general purpose brown plastic wall plug should be suitable for most cases).

Self Activating Engineer Hold Off

If the Deltabell is only powered by the battery, the siren will not activate until the auxiliary inputs are connected. The comfort LEDs will flash alternatively three times which confirms that the tampers are closed correctly. Once the auxiliary inputs are connected the Deltabell will be fully operable.

Specification

Supply Voltage range: 11.8-16V d.c. (Nominal: 13.8V d.c.)
NOTE: The Bell and Strobe triggers are negative applied
Quiescent Current: 73mA Alarm Current: 300mA
Strobe Duration & Frequency: 10mS, 1Hz
Sound Pressure Level: 104dB(A) Acoustic Output: Tone
Maximum Sound duration: 15 mins Battery Type: NiMH 7.2V, 250mAh
Temperature: (certified); -25 to 60°C (nominal); -30 to 60°C (at 95% humidity)
Dimensions (base): 290x285x50mm. Lid: 219(H)x176mm(V) Weight: 0.971kg.
Ingress Protection: IP34

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.

NOTE: The Deltabell incorporates an LDR feature where the backlight only becomes active in darkness. Please be aware of light pollution and seasonal daylight changes that may affect LDR timing (e.g. staying lit for longer during dark winter months).

Product Information

For electrical products sold within the European Community. At the end of the electrical products 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.

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

To prevent possible damage to components, any static charge on your body needs to be eliminated before touching the inside of the unit. This can be accomplished by touching some grounded/earthed metallic conductor such as a radiator/pipework immediately before replacing the batteries.

Warranty

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of two years. Please note: In positions where the Deltabell casing is subjected to high levels of U.V. sunlight, there may be risk of case colour fading, this is not covered by the warranty. In the interest of continuing care and design, Pyronix Ltd reserves the right to amend specifications, without giving prior notice.

