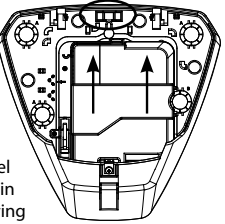
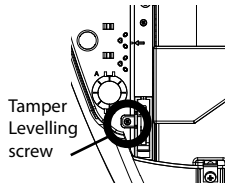
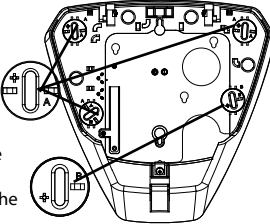
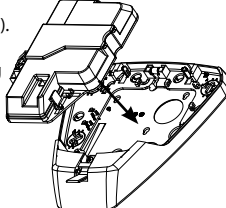
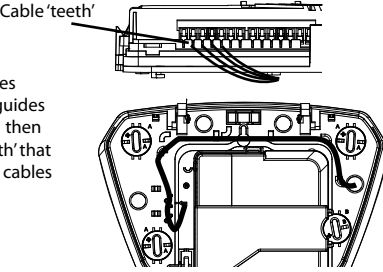
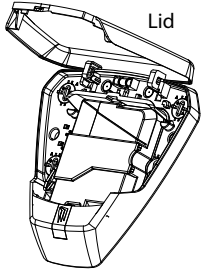

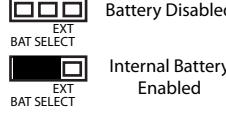
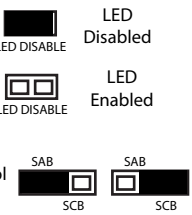
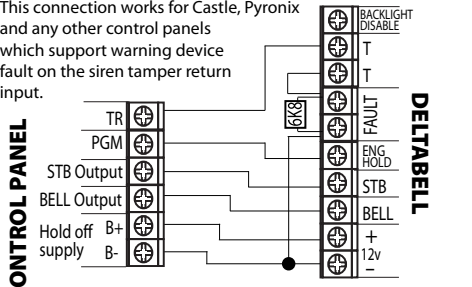
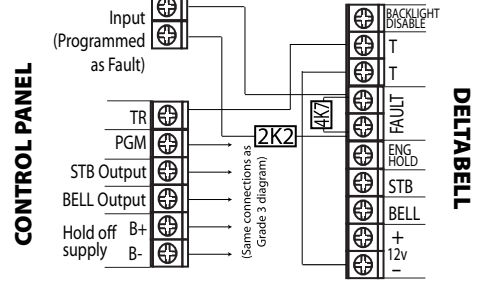

 <p>Pyronix DELTA BELL E DELTA BELL PLUS</p> <p>EN50131-4:2009 External Sounder Installation Guide</p> <p>RINS1518-1</p>	<p>1) Installation Steps: Step 1</p> <p>Slide the PCB module upwards. The sprung back-tamper arm can be retracted to allow removal. <i>This must be done in order to install the revolving guides - see step 4.</i></p> <p>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 E/Plus 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.</p> 	<p>Step 2</p> <p>Mounting the Deltabell E/Plus on an uneven surface may cause false triggering, through incorrect operation of the back-tamper.</p> <p>A POZI number 2 screw driver is recommended for adjusting back tamper screw</p> <p>The cables to the Deltabell E/Plus should be routed away from the mains supply and telephone cables to avoid any electrical interference.</p> 	<p>Step 3</p> <p>Insert the guides in as shown. Make sure that the guides 'B' is aligned with the tabs to the right (this is so the PCB module slides in)</p> <p>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.</p> <p><i>Please note, if the Deltabell E/Plus 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)</i></p> 	
<p>Step 4</p> <p>Place the PCB module, ensuring that the arrow is aligned with the marker (on the left of the module).</p> <p>Expose the terminals by releasing the latch on the top of the PCB module.</p> 	<p>Step 5</p> <p>Route the wires through the guides as shown and then up to the 'teeth' that separates the cables</p> 	<p>Step 6</p> <p>Fit the lid by sliding its hinges into place. The lid can be supported in the fully open position, to close the lid, apply a little force to push the lid past the holds.</p> <p>Close the cover, ensure the tamper is operating correctly and insert the 25mm long screw supplied and rotate the screw cover to a close.</p> 	<p>2) Backlight</p> <p>The Deltabell Plus now incorporates an LDR feature where the backlight is only enabled at night time.</p> <p>The backlight can be disabled as shown below</p> 	<p>3) Battery Connection</p> 
<p>4) LED Enable/Disable and SAB/SCB Mode</p> <p>There is the option to enable/disable the comfort LEDs by enabling/disabling the 'LED DISABLE' link:</p> <p>SAB Mode Uses power from the control panel 12V output</p> <p>SCB Mode Uses power from backup battery (Useful for when there are 2 x Deltabells on the same system)</p> 	<p>5) External Engineer Hold Off</p> <p>The Deltabell E/Plus 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.</p> <p>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 E/Plus without sounding the alarm.</p>	<p>6) Self Activating Engineer Hold Off</p> <p>The Deltabell E/Plus 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.</p> <p>The comfort LEDs on the Deltabell E/Plus will flash alternatively three times which confirms to the engineer that the tampers are closed correctly.</p> <p>Once the auxiliary inputs are connected the Deltabell E/Plus will be fully operable.</p>	<p>7) Connections: Grade 3</p> <p>This connection works for Castle, Pyronix and any other control panels which support warning device fault on the siren tamper return input.</p>  <p><i>The Bell and Strobe triggers are negative applied</i></p>	<p>8) Connections: Fault to an Input</p>  <p><i>The Bell and Strobe triggers are negative applied</i></p>
<p>9) Grade 3 Features</p> <p>Every 24 hours the Deltabell will do an active self test on the SAB back up battery. If the SAB back up battery fails it's 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.</p> <p>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.</p>	<p>10) Technical Specification</p> <p>Supply voltage: 9-16V Quiescent current: D/E <30mA. D/Plus <60mA Alarm current: D/E <250mA. D/Plus <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 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</p>	<p>11) Warranty and Compliance</p> <p>This product is sold subject to our standard warranty against defects in workmanship for a period of two years. Please note: In positions where the Deltabell E/Plus 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 improvement of quality, customer care and design, Pyronix Ltd reserve the right to amend specifications without giving prior notice.</p> <p>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.</p>  <p>When disposing of the product, the batteries must be removed and disposed of separately in accordance with the local regulations.</p> <p>Suitable for use in systems installed to PD6662:2010 at Security Grade 3, Environmental Class 4.</p>	<p>12) Contact Information</p> <p>Technical Support Line: 0845 6434 999 (local rate) or call +44(0) 1709 535225</p> <p>Hours: 8:00am - 6:30pm, Monday to Friday</p> <p>customer.support@pyronix.com marketing@pyronix.com</p> <p>www.pyronix.com</p> <p>Pyronix Ltd, Braithwell Way, Hellaby, Rotherham, S66 8QY, UK</p>	