

# Bell Module

## Installation Instructions

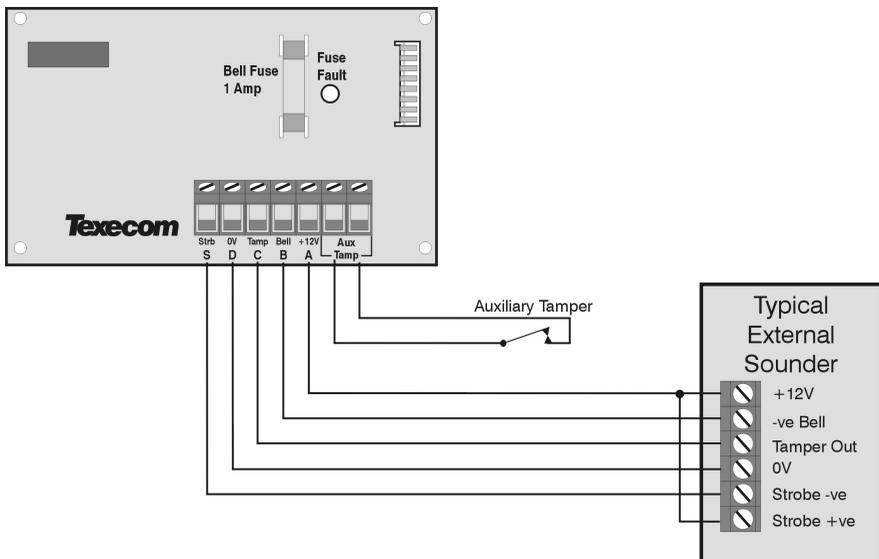


### Introduction

The *Bell Module* is supplied and pre-fitted to the UK version of the *Premier 816* control panel. It provides a set of connections to standard self-contained external sounders such as the *Texcom Odyssey 3* etc. The module also has an auxiliary tamper input for tamper monitoring of power supplies, extension speakers etc.

### Connections

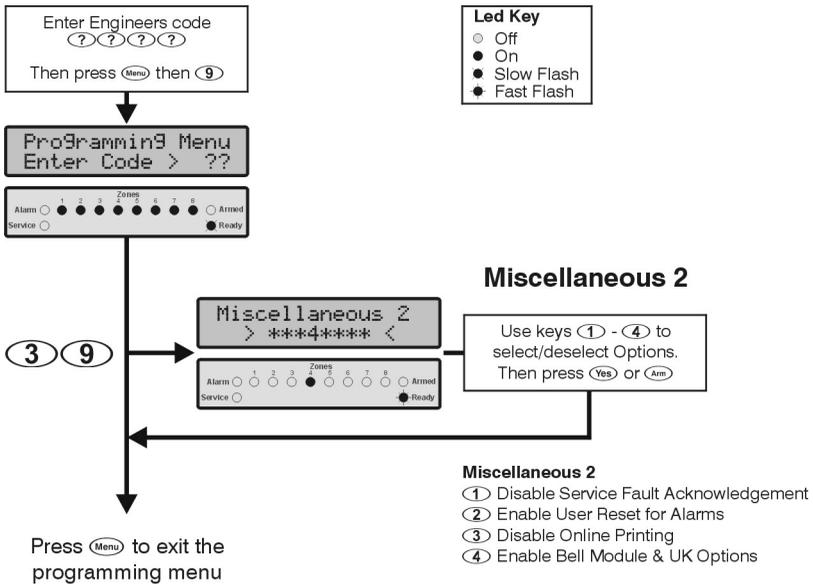
The figure below shows the *Bell Module* PCB layout and connections to a typical external sounder:



- +12V (A)** +12V supply (protected by the 1A Bell Fuse on the *Bell Module*). Normally connected to '+12V' on the external sounder.
- Bell (B)** Sounder trigger output, switches to 0V in alarm and is rated at 500mA. Normally connected to '-ve Bell' on the external sounder.
- Tamp (C)** Negative tamper return. Normally connected to 'Tamper Out' on the external sounder. If this terminal is not being used, it must be connected to '0V' (D).
- 0V (D)** 0V supply. Normally connected to '0V' on the external sounder.
- Strb (S)** Strobe output, switches to 0V in alarm and is rated at 500mA. Normally connected to 'strobe -ve' on the external sounder (where applicable, connect the strobe +ve to +12V).
- Aux Tamp** The Auxiliary Tamper terminals allow the control panel to monitor the tamper loops of external devices such as power supplies etc. If the terminals are not used, they must be linked out.

# Configuration

The UK version of the *Premier 816* by default will have the “Bell Module & UK Options” enabled. This option is found in the “Miscellaneous 2” programming menu and can be accessed as follows:



If the *Bell Module* is removed from the panel or the UK options are not required, this option should be disabled.

The *Bell Module* conforms to European Union (EU) Low Voltage Directive (LVD) 73/23/EEC (amended by 93/68/EEC) and Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

The CE mark indicates that this product complies with the European requirements for safety, health, environment and customer protection.

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