

# Klaxon

## Klaxalarm Boxer (17-970303)

### Battery Operated - Manual Call Point/Sounder

The Manual Call Point has a built-in **alarm sounder** and is powered by **batteries**. Up to 12 units can be connected together using 2 core screened fire proof cable (the screen core is used as a negative). The indicating **LED** will light on operation of the device(s) and switch off on resetting.

The Batteries should be replaced once every 12 months. The unit does not draw any current from the batteries until operated. There is no low battery warning feature but as the battery voltage falls a slight drop in sound output is noticeable during normal testing.

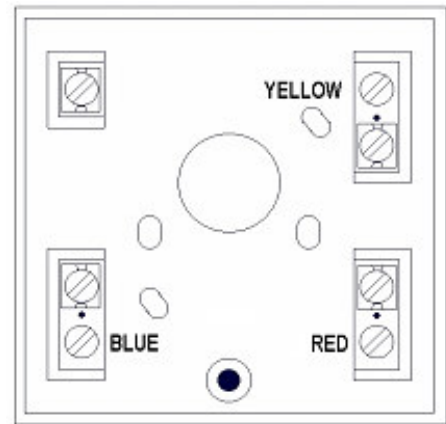
#### 1. Installation

##### *Surface Mounting*

Fix the surface back box to a flat vertical surface using at least two of the four mounting holes provided.

The back box may be drilled to allow cable access, a step drill is the most efficient and least stressful to the moulding. A 20mm hole is provided in the rear.

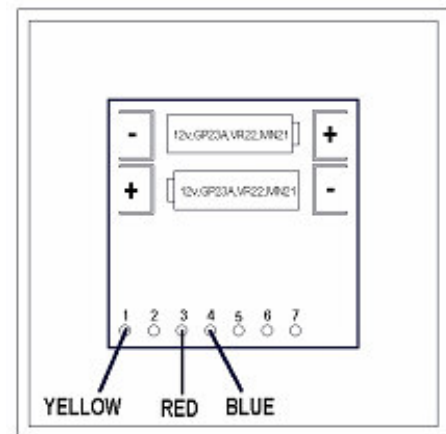
**NOTE Please ensure that the spade connectors are located exactly as per diagram (shown right) else the battery may foul against them**



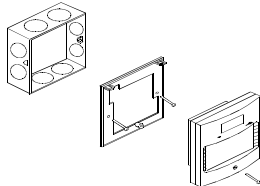
##### *Terminations/Connections*

When interlinking more than one unit - cabling may be connected into the terminals provided (Red=Permanent positive, Blue=Common Negative, Yellow=Switched Positive). Although there are three conductors a 2 core screen cable can be used, as the screen may be utilised.

If using Pirelli FP200 then wire as Red:RED, Black:YELLOW, Screen:BLUE.



##### *Flush Mounting*



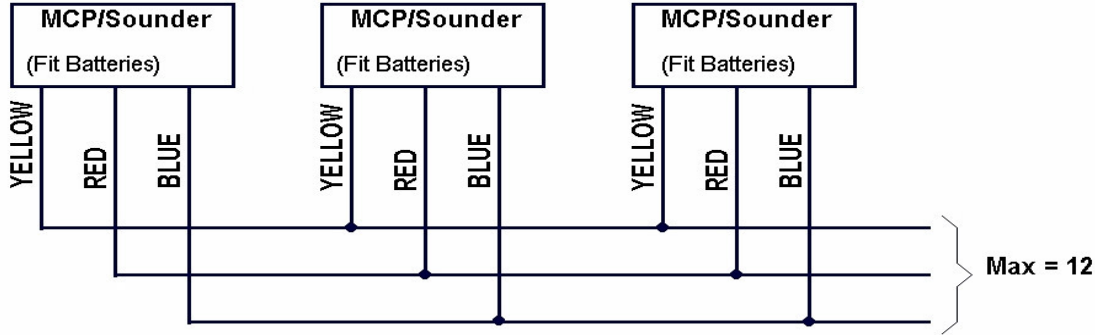
The Call Point may be flush mounted utilising the optional flush bezel, combined with any standard single gang flush mounting back box (with a minimum internal depth of 25mm). After installing the back box securely, attach the bezel using the two M3 screws

##### *Call Point 1<sup>st</sup> fix testing*

Please remember that all high voltage testing must be carried out before the installation of the Call Point front unit as this may cause damage.

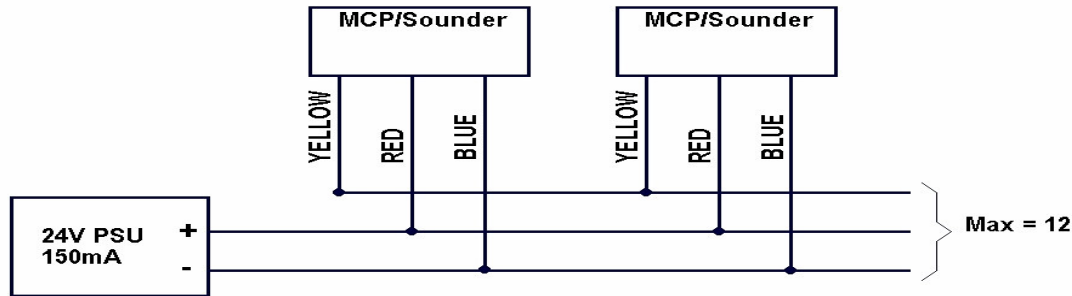
**Interlink Electrical Connections**

Up to 12 units may be interlinked together in the following manner:



**Optional mains power application**

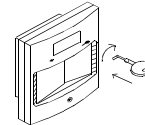
The MCP/Sounder can also be powered from a Mains 24VDC PSU (minimum of 150mA). A schematic is shown below:



**2. Reset and Test**

The Call Point is a Type-A (Direct type see EN54 Pt.11) contains a resettable element, which latches in position when operated and does not need to be replaced. The unit may be reset by inserting the key as shown and turning it clockwise until the element clicks back into place. Testing the Call Point may be carried out either by pressing the element or by using the key in the same manner as for resetting but without having pressed the element

MCP MK2 Test&Reset.emf



**3. Technical Data**

- Class of MCP: Type-A (Direct type see EN54 Pt.11)
- Dimensions: W87mm x H87mm , Flush depth protruding= 25mm, Surface depth= 53mm
- Operating temperature: -5°C to 65°C
- Voltage Range: 12 to 30V DC
- Operating Current: Quiescent, No Current
- Alarm 10mA @ 24V, Dual Tone UK Evacuate – 800 & 970 Hz
- Sound Pressure Outputs: 85dB(A) @24V
- Battery Type: 12V - GP23A, VR22, MN21

**4. Contacting Klaxon**

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