

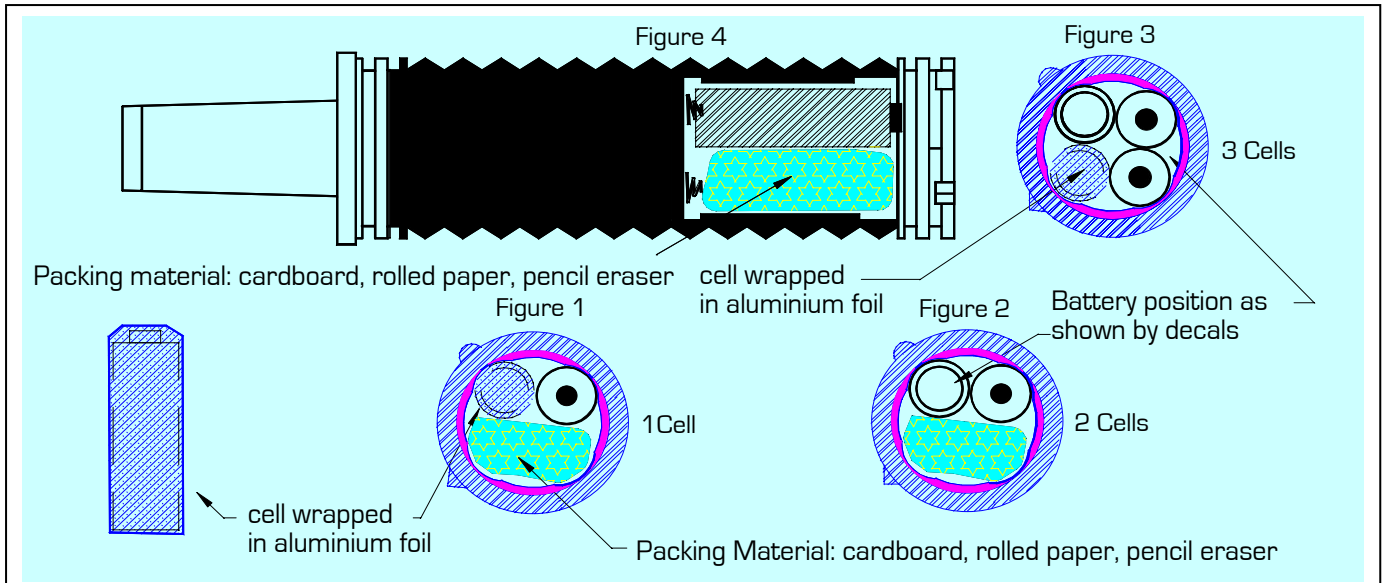
SEE -BLITZ / BLACK-BLITZ

Subject: Operation with less than 4 AA Batteries

Introduction:

The SEE-BLITZ can operate below **1.0 Volt** and flash at its rated intensity.

In an emergency situation the unit can be powered by any combination of 3, 2 or 1 battery



Principle:

The battery configuration in a SEE - BLITZ has 4 AA cells in series - parallel.

Providing one pair of contact springs (+ & -) completes the circuit the SEE - BLITZ will activate when turned on.

3 CELL OPERATION: Figure 3

- Place 3 AA cells as indicated by the battery decals inside the casing, this will leave one space empty.
- To complete the circuit, a shorting piece is needed. This can be done by wrapping a discharged cell or a similar size object in aluminium foil.
- Replace switch and operate normally.

2 CELL OPERATION: Figure 2

- Place 2 AA cells as indicated by the battery decals inside the casing to form one series pair, this will leave two spaces empty.
- The circuit is already complete only the two empty spaces need to be filled to prevent the cells moving. Pack the empty space with cardboard, rolled paper or a pencil eraser.
- Replace switch and operate normally.

1 CELL OPERATION: Figure 1

- With 1 AA cell there are three empty spaces. A shorting piece is needed to complete the circuit as well as packing material to stop the cell and shorting piece from moving.
- Place the single cell and shorting piece to form one series pair as described in 2 CELL OPERATION.
- Pack the empty space with cardboard, rolled paper or a pencil eraser to prevent the cell and shorting piece from moving.
- Replace switch and operate normally.

NOTE:

When packing the unfilled battery spaces make sure the existing batteries and shorting pieces have vertical movement to make contact with the springs and switch surfaces.

Summary:

The SEE - BLITZ is designed to optimise survivability, providing one AA battery is available the unit will operate and produce a flash at rated intensity at a reduced flash rate.

Conserve power and activate only when detection is most likely.



