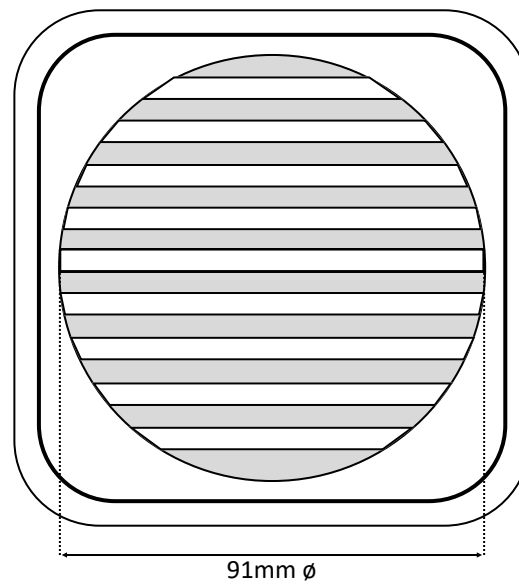
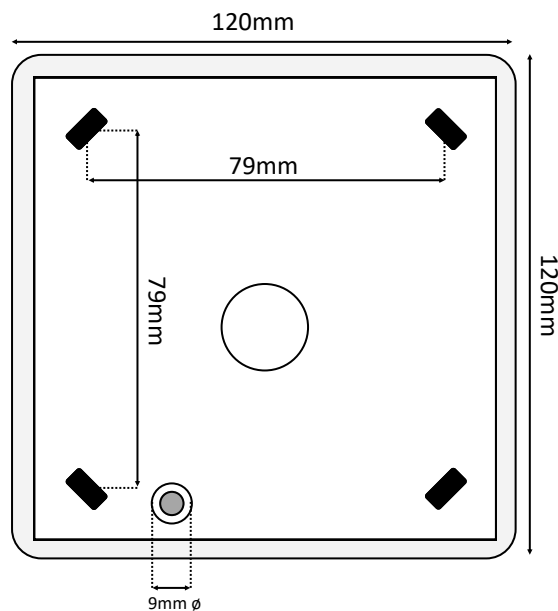
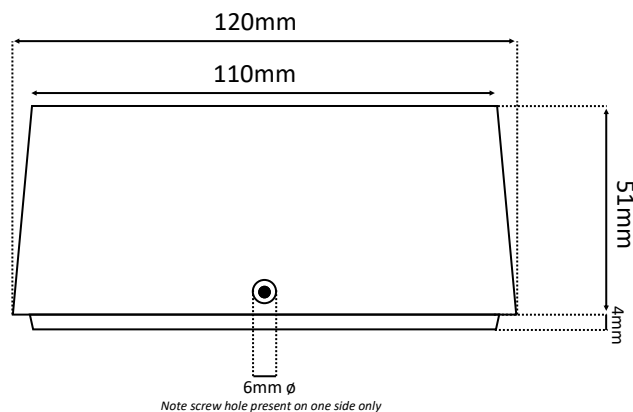


TOP/  
BOTTOM



SIDE/  
PHOTO



## DESCRIPTION

Grade 3, Class II dual tone sounder. 16 Ohm. Tampered.

## VARIANTS

- I10 - Grade 1, Class II internal sounder. 16 Ohm.
- I20 - Grade 3, Class II internal sounder. 16 Ohm. Tampered.
- I40 - Grade 3, Class II dual tone sounder. 16 Ohm. Tampered.

## ACTIVATION

Panel output to drive speaker.  
M/switch tamper - trigger on lid lift or removal from surface.  
Potentiometer volume control (entry/exit tone only).

## WIRING

- 2x tamper terminals.
- 2x alarm terminals (high output, fixed).
- 2x tone terminals (variable output via potentiometer).

## MATERIALS

ABS casing.  
87mm Mylar speaker - 16 Ohm, 12 Watt.

## TEMPERATURE RANGE

-40 to +50 degrees Celsius.

## ELECTRICALLY RATED AS FOLLOWS

10-15V DC  
Typical operating current (alarm, 12V) = 60mA  
Typical operating current (tone, 12V) = 8mA

## SOUND OUTPUT

0.25 - 8Khz freq. range.  
550Hz  $\pm$ 110Hz resonance.  
110dB alarm output, max 80dB tone output.



**KNIGHT**  
FIRE & SECURITY

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Drawing #: I40  
Drawn: Gareth Carpenter  
Date: 01/06/2017  
Revision: 1

All dimensions in mm  
Do not scale



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