



Fig. 1 – I40 Sounder / Extension Speaker

**Description**

The I40 is a High and Low level sounder. The HIGH level is for ALARM warning and the LOW level is for ENTRY/EXIT warning. Both functions are triggered independently.

The LOW level sounder is fitted with a volume control which can be set to individual requirements.

**Installation**

The I40 is designed to be wall mounted. The tamper actuator is retained in the base plate and will operate the micro-switch when either the front speaker housing or the base plate is removed. The tamper signals are brought out on voltage free contacts for optimum configuration.

Wire the trigger signals to the appropriate terminals as marked on the pcb.

The volume of the ENTRY/EXIT sound can be adjusted by turning the volume control on the pcb.

The ALARM tone volume cannot be adjusted

	Model			
	I40			
Grade 3 Class II	●			
ABS Body	●			
Resistor 8 Ohm	●			
Micro-Switch	●			
Surface Mounted	●			
ALARM Output (dBA/1m)	110			
Exit Tone Output (dB)	80			
Operating Voltage	10v - 15v DC			
ALARM Operating Current	60mA typical @ 12vDC			
ENTRY/EXIT Current	8mA typical @ 12vDC			
Speaker	16ohm 12W			
Tamper Detection	Microswitch			
SAB	N/A			
Concealed Fixings	●			
Dimensions	Length	Width	Height	
	112	112	50mm	

**Description: Grade 3 Class II**

Internal Sounder High Level, Low Level,  
Manufactured to BS EN50131-1

**Materials:**

Body and Cover Plate - ABS

**Temperature Range:**

-40°C to +50°C

**Tamper:**

Microswitch

**Speaker:**

Diameter 87mm  
Mylar – 16 Ohm, 12 Watt

**Frequency range:**

0.25-8Khz

**Resonance:**

550Hz ±110Hz

**Alarm Sound Power Output**

100 dBA/1m

**Exit Tone Output**

80 (dB)

**Voltage Range:**

10-15v DC Max

**Colour:**

White

**Fittings:**

Wire Clamping Terminals  
Concealed Fixing Screws

**KNIGHT**

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Drawing No: I40 Sounder

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All dimensions in mm  
Do not scale



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All cases of TM Infringement will be pursued.