Simulator Installation Details

Simulator Interface

Location	Liverpool Cathedral (Saxilby)
Simulator Type	Multiple Bell
Sensor Channels Equipped	6
Interface Enclosure	Gewiss GW44426 (150 x 110 x 70mm)
PCB Versions	Simulator Interface PCB – Rev B (No LED/Reset Board)
Firmware	Simulator Interface v2.4
Active Channels	6
De-bounce Timer	4ms
Power/Data Cable Length	12m
Power Supply	9v
Serial Port	USB-Serial Adapter (Prolific) (COM2)
Simulator Software Package	Abel v3.9.1
Notes: Saxilby Simulators. LEDs mounted on Simulator Interface PCB. No reset switch fitted. Shares PC with 12-bell Liverpool Cathedral Simulator.	

Sensor Heads

Bell	Sensor Head Type	Sensor Head Cable Length	Sensor Head Mounting	Delay Timer (~~ms~~ / cs)
1	Hedley Magneto-Resistive Rev B	0.4m	Frame leg (screw)	40
2	Hedley Magneto-Resistive Rev B	3.15m	Frame leg (screw)	40
3	Hedley Magneto-Resistive Rev B	3.1m	Frame leg (screw)	40
4	Hedley Magneto-Resistive Rev B	5.15m	Frame leg (screw)	40
5	Hedley Magneto-Resistive Rev B	2.4m	Frame leg (screw)	40
6	Hedley Magneto-Resistive Rev B	2.6m	Frame leg (screw)	40
7	-	-	-	-
8	-	-	-	-
9	-	-	-	-
10	-	-	-	-
11	-	-	-	-
12	-	-	-	-

Belfry Installation

Sensor Heads

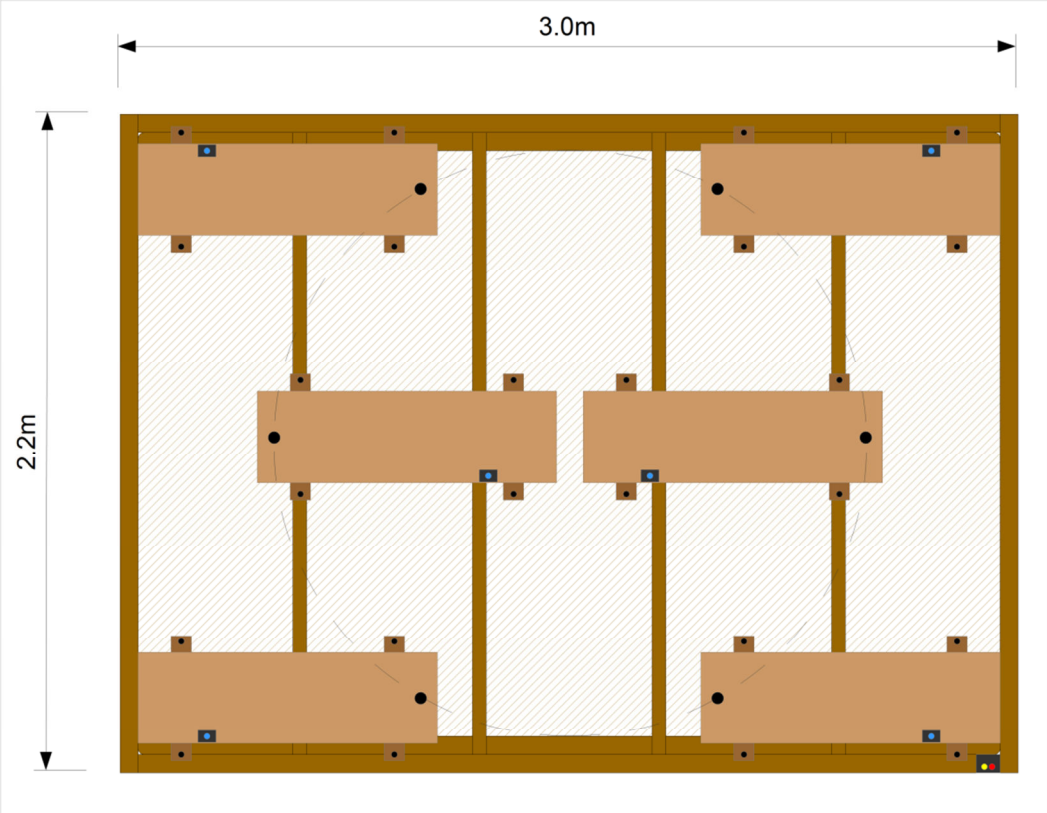
The Sensor Heads are mounted on the legs of the Saxilby Simulator units with No8 x ¾" stainless steel pan head screws.

The N52 grade Neodymium trigger magnets are 20mm diameter x 10mm thick, and are attached to one corner of the Saxilby weight plate.

Simulator Interface

The Simulator Interface is screwed to the supporting platform with No8 x ¾" stainless steel pan head screws.

Layout Diagram



Saxilby Simulator Layout Diagram

Installation

The following pictures show the Saxilby Simulator installation.

Saxilby Simulator Installation