

## EV-SDR Installation instructions

1. Fix base plate to ceiling or wall using 2 x screws through the slots provided. If wall mounting, the Base plate must be mounted with the holes for the release tool facing downwards as shown in Fig 1.

2. Connect loop wires to each terminal as shown in Fig 2 below.  
(Ensure that excess wire is pushed back through the centre aperture as this may restrict assembly)



Figure 1

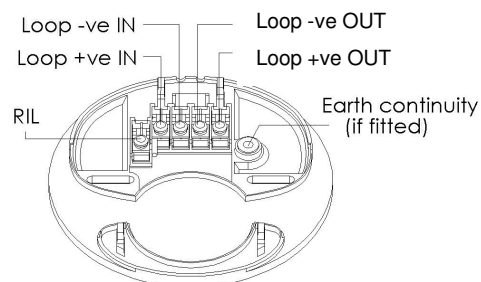
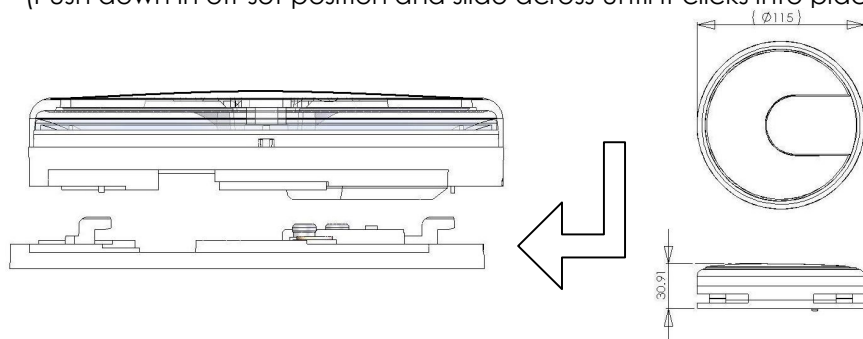


Figure 2

3. Program device address using hand held programmer and adaptor EV-AVADAPT (F05N83235) or flying leads BEFORE attaching to base plate.

4. Locate and clip on EV-SDR product.  
(Push down in off-set position and slide across until it clicks into place)



To release, push Release Tool into holes in rim of sounder unit and slide the product in the reverse direction.

5. Select tone and volume options ( DIL switch & Pot. Adjust)  
DIL switch settings are below – SW1 to SW8.

SW 1, 2, 3 & 4 = Not used

Tone	SW5	SW6	SW7	SW8	Description	Second tone
1 Approved	OFF	OFF	OFF	OFF	660Hz and 938Hz alternating at 0.5 sec on each freq.	Pulsed 938 1s on, 1s off
2	ON	OFF	OFF	OFF	938Hz continuous	Pulsed 938 1s on, 1s off
3	OFF	ON	OFF	OFF	938Hz pulsed 1s on 1s off	938Hz continuous
4 Approved	ON	ON	OFF	OFF	Sweep tone 800Hz to 1000Hz at 1s	Pulsed 938 1s on, 1s off
5 Approved	OFF	OFF	ON	OFF	DIN tone 1200Hz to 500Hz at 1s	Pulsed 938 1s on, 1s off
6	ON	OFF	ON	OFF	Dutch tone 500 Hz to 1200 Hz at 3.5s then 0.25 gap	Pulsed 938 1s on, 1s off
7	OFF	ON	ON	OFF	660 Hz and 938Hz alternating Low vol. 55dB(A)	Pulsed 938 1s/1s Lo vol.
8	ON	ON	ON	OFF	750Hz / 1000Hz alternating 0.5s each freq.	Pulsed 938 1s on, 1s off
9	OFF	OFF	OFF	ON	440Hz (100ms) / 554Hz (400ms) alternating French tone	Pulsed 938 1s on, 1s off
10	ON	OFF	OFF	ON	2400Hz to 2900Hz sweep over 1s	Pulsed 938 1s on, 1s off
11	OFF	OFF	OFF	ON	910Hz and 685Hz alternating at 0.25s on each freq.	Pulsed 938 1s on, 1s off
12	ON	ON	OFF	ON	925Hz and 628Hz alternating at 0.25s on each freq.	Pulsed 938 1s on, 1s off
13	OFF	OFF	ON	ON	TBA	
14	ON	OFF	ON	ON	TBA	
15	OFF	ON	ON	ON	TBA	
16	ON	ON	ON	ON	TBA	

**NOTES:** All other Switch settings are NOT approved.  
Only Maximum Volume setting is approved.

EV-SDR - Sounder.	EN54-3: 2001 - Sounders
	<p><b>For use with Nittan Evolution Protocol Only.</b>  <b>Loop Voltage: 20 to 38 V d.c.</b>  <b>Quiescent Current: 200µA</b>  <b>Alarm Current: 4mA (Lo) and 6mA (Hi)</b>  <b>Maximum Power: 685mW</b>  <b>Sound output Horizontal 15° to 165°: 77 – 88dB(A)*</b>  <b>Sound output Vertical 15° to 165°: 77 – 88dB(A)*</b>  <b>* Tone Dependant</b>  <b>Volume control: Up to -15dB adjustment</b></p>
D.o.P. Number: 00457	Technical Data Sheet: TD-EV-SDR
	<p>Nittan Europe Ltd. Tel: +44 (0) 1483 769 555  Hopley Street, Fax: +44 (0) 1483 756 686  Old Woking, Email: <a href="mailto:sales@nittan.co.uk">sales@nittan.co.uk</a>  Surrey, GU22 9LQ Web: <a href="http://www.nittan.co.uk">www.nittan.co.uk</a>  United Kingdom</p>