EV-HIOP-BCN-SCI Installation instructions

NOTE: This Product has -ve Isolator, which is not compatible with Advanced Mx4000/Pro4.

1. Set Address using EV-AD2-EXT Programmer and Universal Addressing lead to connect to the Loop IN Terminals, shown in Fig 1.

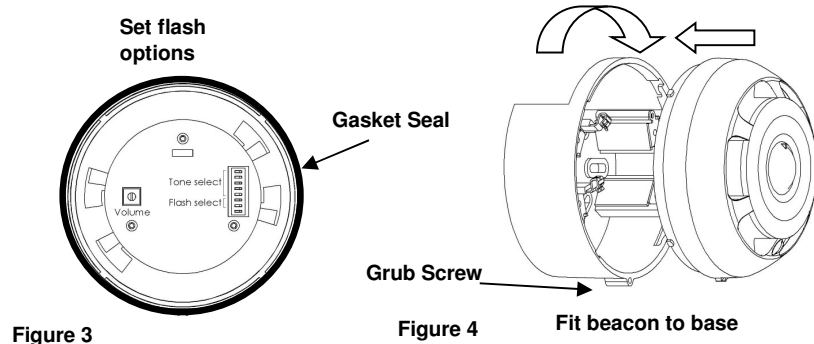**2.** Make Cable entries and fix base housing to Wall in the orientation shown in Fig 2.
NOTE: Take care not to damage the base terminal clips when drilling cable entries.

NOTE: In order to maintain IP65 protection rating, for outside applications, our recommendation is to terminate cables via a Conduit (besa) box and enter the HIOP from behind using a suitable gasket seal, between the conduit box and rear of the base.

Loop OUT +ve & -ve   Loop IN -ve & +ve

Figure 1

Drill   **Cable**

Gasket Seal   **Screw**
Figure 2
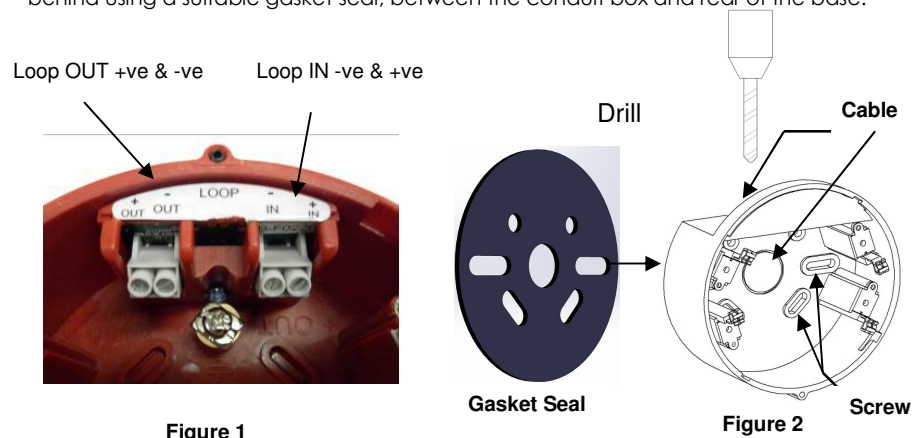
3. Connect loop IN & OUT wires to the terminals shown in Fig 1.

4. Set the Flash options via DIP switch shown in Figure 3, in accordance with the setting data on the reverse.

Set flash options

Tone select
Flash select
Volume
Gasket Seal

Figure 3

Grub Screw
Fit beacon to base
Figure 4

5. Ensure the Gasket Seal is correctly seated around the head, where shown in figure 3.

6. Fit the Head to the base in a Bayonet motion as shown in Figure 4. taking care not to trap the Gasket Seal when mounting.

7. Unwind the Grub Screw in the base to lock the head in place.

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8. Select flash options (DIL switch).

DIL switch settings are shown below – SW1 to SW3.

NOTE: "AP" in Flash settings list = Approved Settings. All other Switch settings NOT approved.

NOTE: The device requires No Maintenance. Disassembly will void Warranty.

SW1	SW2	SW3	Flash Function (Single Pulse < 0.2s)	EN54-23 Code/Volume
OFF	OFF	OFF	1s - Low Power : **AP**	W2.4-5.5 / 73m^3
OFF	ON	OFF	2s - Low Power : **AP**	W2.4-5.5 / 73m^3
OFF	ON	ON	2s - High Power: **AP**	W2.4-7.5 / 135m^3

EV-HIOP-BCN-SCI - High Output Type B Outdoor Beacon with Isolator.	EN54-17: 2005 - Short Circuit Isolators EN54-23: 2010 - Visual Alarm Devices
CE 19 UKCA 0905 0359	**For use with Nittan Evolution Protocol Only.** **Loop Voltage: 24 to 38 V d.c.** **Quiescent Current: 200µA** **Alarm Current: 20mA** **Maximum Power: 400mW** **Ingress Protection Class: IP65** **Technical Data Sheet: TD-EV-HIOP-BCN-SCI**
D.o.P. Number: 00465	
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