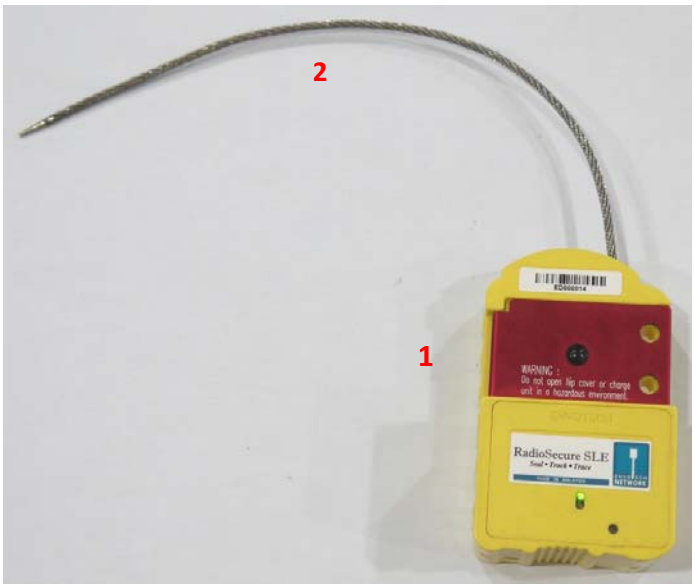
RadioSecure SLx Operation Manual

V1.01

ENVOTECH NETWORK SDN BHD (657306-W)
25, Jalan Kilang 2, Kawasan Perindustrian Jelapang (Taman Pertama),
30100 Jelapang, Ipoh, Perak, Malaysia.
Tel: +605 527 8287 / +605 527 9287 Fax: +605 526 1287
Email: info@envotech.com.my Website: www.envotech.com.my

Hardware Contents:



1. RadioSecure SLx Device

2. Stainless Steel wire rope with impedance core

ENVOTECH NETWORK SDN BHD (657306-W)
25, Jalan Kilang 2, Kawasan Perindustrian Jelapang (Taman Pertama),
30100 Jelapang, Ipoh, Perak, Malaysia.
Tel: +605 527 8287 / +605 527 9287 Fax: +605 526 1287
Email: info@envotech.com.my Website: www.envotech.com.my

Charging the RadioSecure SLE

RadioSecure SLx is delivered with the battery charged to approximately 25%. Before deploying the RadioSecure SLx, make a full charge of the battery with an appropriate charger. (4hrs with 500mA charger).

To charge the battery,

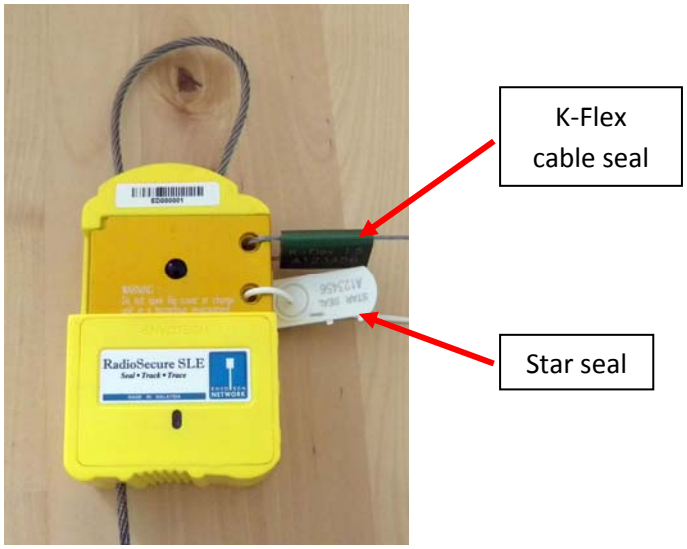
- Open the flip cover.
- Align charger receptacle to connector and gently push down to mate.
- Switch on charger and leave it to charge for the required period.

ENVOTECH NETWORK SDN BHD (657306-W)
25, Jalan Kilang 2, Kawasan Perindustrian Jelapang (Taman Pertama),
30100 Jelapang, Ipoh, Perak, Malaysia.
Tel: +605 527 8287 / +605 527 9287 Fax: +605 526 1287
Email: info@envotech.com.my Website: www.envotech.com.my

Preparing RadioSecure SLx for deployment:

RadioSecure SLx with fully charged battery is stored with reset plug inserted. The reset plug set the MCU in deep sleep. The following procedure and visual observations should be observed in deploying the RadioSecure SLx.

1. Open the flip cover.
2. Remove the reset plug.
3. Red LED blink for 8sec, then Green LED solid
4. Close flip cover.
5. Secure the flip cover through the holes on the front surface of RadioSecure SLx with options of K-Flex cable seal or Starseal or both.
6. Insert the stainless steel wire rope into the hole on top of RadioSecure SLx, pull tight to seal the asset.



Unseal and Decommission the RadioSecure SLx

To end journey, the following procedure and observation should be observed.

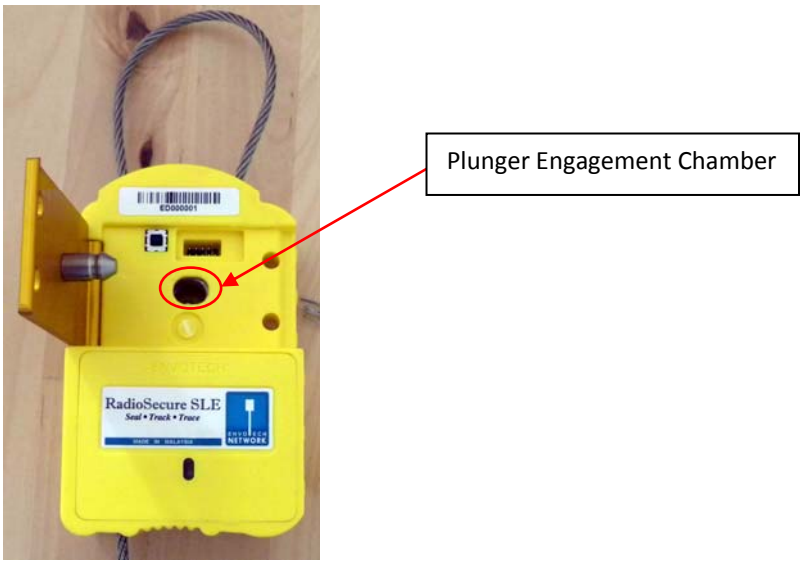
1. Use appropriate cutter to cut the seal used to secure the RadioSecure SLx
2. Open the flip cover.

3. Pull the stainless steel wire rope out.
4. Align reset plug to the interface connector and press gently. Ensure that the wire of the reset plug is laid downwards.
5. Close the flip cover.
6. The RadioSecure SLx has successfully completed an assignment and is in deep sleep.

Maintaining the SLx

RadioSecure SLx has a delicate Floating Mechanism which requires periodic maintenance. Maintenance schedule shall depend on usage environment. It is advisable to carry out monthly maintenance for normal usage. Usage in dusty environment may require more frequent maintenance.

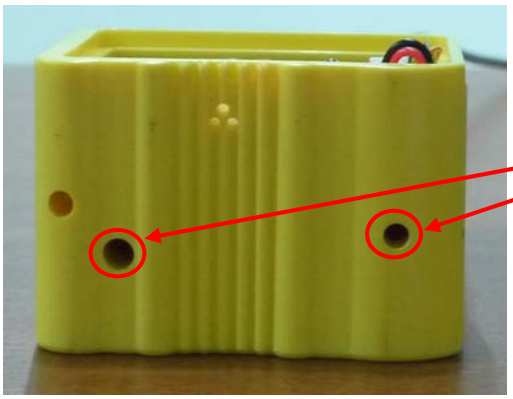
1. Dust off any visible sludge or dust accumulated in or around the cable insertion hole, the plunger engagement chamber and the drain holes.
2. Spray light lubricant into these holes.
3. Hold RadioSecure SLx with drain hole facing downward and in an angle where excess lubricant can be drained.



Front view

ENVOTECH NETWORK SDN BHD (657306-W)
25, Jalan Kilang 2, Kawasan Perindustrian Jelapang (Taman Pertama),
30100 Jelapang, Ipoh, Perak, Malaysia.
Tel: +605 527 8287 / +605 527 9287 Fax: +605 526 1287
Email: info@envotech.com.my Website: www.envotech.com.my

Top View



Bottom View

ENVOTECH NETWORK SDN BHD (657306-W)
25, Jalan Kilang 2, Kawasan Perindustrian Jelapang (Taman Pertama),
30100 Jelapang, Ipoh, Perak, Malaysia.
Tel: +605 527 8287 / +605 527 9287 Fax: +605 526 1287
Email: info@envotech.com.my Website: www.envotech.com.my

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.