

# LLT MK2

## Live Line Tester

### Operating Instructions



# SEAWARD

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Part Number 423A650 Revision 1

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## **Limited Warranty & Limitation of Liability**

SEAWARD Electronic Limited guarantees this product to be free from defects in material and workmanship under normal use and service for a period of 1 year. The period of warranty will be effective at the day of delivery.

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# 1 Important Information

These operating instructions are intended for the use of adequately trained personnel.

Before use, ensure that the live line tester is clean and dry; visually inspect all parts. Any damage must be rectified prior to use.

**Never hold a Live Line Tester between the hand-guard and the contact electrode.**

**Always prove the Live Line Tester before AND after use.**

- 1. Holding the live line tester by the handles, above the handguards, connect the instrument to a Seaward PH3-LLT proving unit and verify that the LED indicators are illuminated.**
- 2. Reverse the connections to the PH3-LLT and repeat step 1. This proves the LLT in both polarities.**
- 3. Holding the live line tester by the handle, above the handguards, place the contact electrodes in contact with the circuit under test.**
- 4. If the LED indicators are illuminated there is a voltage greater than the threshold voltage present at the probe tips.**
- 5. If the LED indicators do not illuminate, replace PP3 9V battery inside PH3 and repeat step 1 and 2. If LED indicators do not illuminate still, this suggests LLT is faulty and should NOT be used. Contact the manufacturer or an authorised Seaward Service Agent for advice.**
- 6. Repeat step 1 and 2 above to verify that the instrument is still operational.**

## 2 Specification

Maximum Working Voltage	1100V DC
Threshold voltage	80V AC / 120V DC
Operating Current	<10mA DC at max working voltage
Indicator	High intensity LED with polarizing filter
Handle Length	109 mm
Overall Length	270 mm
Handle Diameter	33 mm
Probe Tip Length	16 mm
Hand Guard Height	27mm over full circumference
Distance from Uninsulated Probe Tip to Hand Guard	145 mm
Uninsulated Contact Electrode Length	5mm
Contact Electrode Diameter	3mm
Lead Length between Probes	1.7m double insulated cable
Construction	High Impact, total encapsulation

## 3 Maintenance

Clean only with a dry cloth; do not use solvents.  
Before use, ensure unit is clean and dry; visually inspect test terminals and case. Any damage must be rectified to preserve user safety.

## 4 Service and Calibration

To maintain the specified performance, the instrument must be verified at regular intervals by either the manufacturer or an **authorised Seaward Service Agent**. We recommend a calibration period of one year.

For help or advice on Service and Calibration contact:

Service Department  
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