



## SLE 90 / SLE 90+

### Surge Wave Receiver

Surge Wave Receiver is a highly sensitive equipment to exactly locate the fault point in a short time. It can be used on low, medium and high voltage power networks effectively. The success of locating exact fault point on the underground cable depends on the search carried out on the lay of the cable. This calls for an indication to guide the operator to walk precisely on the cable route. The magnetic channel in dual LCD display indicates the strength of magnetic field on the ground surface.

This helps the operator to reach the fault point in a short time. The acoustic sound is available at the fault point only. The ambient noise picked up by the ground microphone gives problem during pin-pointing the cable fault was avoid using mute operation.

Surge wave receiver offers the facility to opening the acoustic window for a short time at the arrival of magnetic signal and displays both magnetic and acoustic signal levels on dual LCD display. This offers noise free- operation and the fault is pin-pointed in short time.

## Features

- ✓ For pinpointing of cable faults by acoustics and magnetic method.
- ✓ Guides the operator to be walk on cable route while pinpointing the cable fault.
- ✓ Dual channels LCD display denoting the signal strength of magnetic and acoustic signals.
- ✓ Separate sensitivity and volume / level controls for magnetic and acoustic channels.
- ✓ Indication of battery condition.
- ✓ Back light facility for LCD display.
- ✓ Automatic low bat indication on LCD display.
- ✓ No external noise under mute operation.
- ✓ Ambient noise protected headphone.
- ✓ Perfect acoustic quality and noise immunity
- ✓ Light weight, small and flexible receiver with high sensitive ground microphone.
- ✓ Rugged construction and easy to carry on site.
- ✓ Complete system is offered in a robust molded carrying case.

## Applications

It is used to pin-point underground cable faults in transmission and distribution power cable network in acoustic mode with the help of suitable surge tester.

## Technical Details

## SURGE WAVE RECEIVER

SLE Series	SLE 90	SLE 90+
Working Channels	Acoustic and Magnetic	
Acoustic Channels	Broad band Filter 70 - 3000 Hz	
Managnetic Channels	9820 Hz +10 Hz Bandwidth Filter	
Indication	LCD bar-graph display to indicate the levels of acoustic and Magnetic channels. Battery check status Peak hold signal level bar on LCD	
Time Lapes display	Not Available	Available
Gain	More than 96 dB for both magnetic and acoustic channels	
Display Range	0.5	
Input Impedence	- 500 Ohm for ground microphone	
Power Supply	1.5 V X 8 AA size batteries	
Charger	Optional	
Operating Time	More than 15 Hrs. Continuous	
Operating Temperature	0°C - 55°C	
Storage Temperature	-5°C - 60°C	
Dimensions	240mm (L) x 80mm (H) x 190mm (D)	248mm (L) x 80mm (H) x 190mm (D)
Weight	1.5 kg Approx with Batteries	

## Standard Accessiores

- Ground Mircophone MIC S
- Headphone
- Carying Stick
- Connecting Cables
- Carrying Case
- Instruction Manual

## Note :

- Standard warranty : 12 months
- Picture are for illustration purposes only
- Specification can be changed without any notice