



## SLE 200-Z

### Surge Wave Receiver

Surge Wave Receiver SLE200-Z 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 the 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.

## Features

- ✓ Perfect functions, suitable for pin-pointing all kinds of cable faults and detect cable path.
- ✓ Synchronous sensing of acoustic and magnetic signals of the fault with high ability to anti-interference.
- ✓ Waveforms displayed on large LCD
- ✓ With the assistance of the earphone, direct and easy to identify the fault.
- ✓ High Performance electronic suppression of external noise and interference
- ✓ Automatic contactless turn off of the Headset, as the hand approaches the handle
- ✓ Indication of the direction to the fault compass
- ✓ Low batt indication.
- ✓ Indication of the acoustic signal detection
- ✓ Fault distances measurement
- ✓ Acoustic limitation 84dB
- ✓ cable route identification
- ✓ Indication of cable position in respect to the sensor.
- ✓ Time delay measurement of acoustic & magnetic signal
- ✓ Automatic switch between different work modes
- ✓ Auto control magnetic and acoustic gain

## Applications

The SLE 200-Z Surge Wave Receiver is an easy operation device used to pinpoint the fault point. It integrated the function of acoustic magnetic synchronization method, the step voltage method, the magnetic field strength method to make the pinpointing accuracy.

## Technical Details

## SLE 200-Z

## Specifications

**Acoustic Magnetic Synchronous Pin-pointing Acoustic channel**

<b>Bandwidth</b>	All- pass 80Hz - 1500Hz
	Low- pass 80Hz - 400Hz
	High- pass 200Hz - 1500Hz
	Band- pass 150Hz - 600Hz
<b>Signal Gain</b>	≥ 110db
<b>Accuracy</b>	0.1m
<b>Compass</b>	Yes
<b>Indication of Acoustic Signal Detection</b>	Yes
<b>Power Supply Battery</b>	Built-in Li-ion battery 7.4V- 3400mAh
<b>Working Time</b>	10 Hours
<b>Charger</b>	Input AC 230V ± 10%, 50Hz   Output 8.4V, DC 1A
<b>Quick Charging</b>	below 4 hours
<b>Display Method</b>	320 x 240 dot LCD Screen
<b>IP Protection</b>	Sensor - IP 54, Receiver - IP 65
<b>Dimensions</b>	210mm x 95mm x 115mm
<b>Weight</b>	0.6 Kg

## Standard Accessories

- Ground Sensor
- Headphone
- Carrying Stick - Connect to Sensor
- Connecting Cables
- Carrying Case
- Instruction Manual