

**Technical Features**

- Easy to use.
- Extremely sensitive acoustic, magnetic sensor.
- Coincidence figure readout.
- Built to withstand rugged field conditions.
- Headphones for acoustic signal.
- Proportional signal on large L.C.D.
- Screen for magnetic and acoustic indication.
- Light weight receiver.
- Convenient Handling.



**Product Description**

The DIGIPOINT™ is an easy to use, dual channel Digital Acoustic Fault Locator, designed by TII™. It is used in conjunction with a Surge Generator to determine the exact position of faults in underground power cables. The instrument also indicates the cable by sensing and amplifying the electromagnetic signals produced at the time of surges.

The DIGIPOINT™ consists of two units – the Acoustic transducer or pick –up and the amplifier unit with head phones.

The unique feature of DIGIPOINT™ provides a relative distance indicator with digital coincidence figure readout. This feature is very helpful for the operator in pinpointing the exact location of fault.

**Technical Specification**

<b>Amplifier Unit</b>		
	<b>ACOUSTIC AMPLIFIER</b>	<b>MAGNETIC AMPLIFIER</b>
<b>Signal Input</b>	Balanced from acoustic pick up.	From coil housed within amplifier.
Supply Voltage & Battery Life	12 VDC (1.5X8 Pencil cells).	> 35 Hrs on intermittent use.
Supply Current (No Signal)	3mA	3mA
Input Resistance (Input to ground)	2kohms	2kohms
Control	Gain Control	Sensitivity Control
Indication	Acoustic signal via headphone	Proportional signal level meter
Gain	> 65 db	> 76db
Frequency	270 Hz to 3 KHz	100 Hz to 10 KHz
Coincidence display range	0 to 99 mS	
<b>Transducer (Acoustic Pickup)</b>		
Damping	70%	
Sensitivity	0.02V/mm/sec	
Connecting Cable	1.5m	
<b>Headphones</b>		
General	Dynamic headphones with a padded earpieces and adjustable head band.	
Impedance	32 ohms	
<b>Mechanical</b>		
	<b>AMPLIFIER UNIT</b>	<b>TRANSDUCER UNIT</b>
	25.5x13.5x12.5cm	6.6x10cm
Weight	1.400 Kg with Batteries	1.2 Kg approx with rod
Size/Weight with casing (Complete Set)	50cm(L)X40cm(W)X16cm(H) and 5.125 Kg	
Accessories	Receiver, Headphone, Transducer with connecting lead, Transducer Rods, Batteries, Instructions Manual, Carrying Case.	

**Note: Dimension and Weight are subject to change without compromising on the safety and electrical specifications.**