

TX935 – Loop-a-Line

Specifications

The TX935 instrument is a product developed specifically for telecommunications technicians involved in fault location activities. It is a multi instrument kit. It provides the functionality to remotely switch the line through 4 positions: open, short, tone and exchange. Three separate warble tones are available for the 3 lines to provide positive identification of each pair.

TX935 Warranty

The TX935 has a 12 month manufacturer warranty for parts and cases for reasonable fair wear and tear. Any tampering with the units will void the warranty. The TX935 is manufactured to ISO9000 standards.

TX935 Calibration

The TX935 does not require calibration.

TX935 Kit

The kit consists of the following items:

- Oscillator;
- Probe;
- Oscillator Lead;
- Probe Lead;
- Instruction Card;
- Carry Pouch; and
- Ear piece/phone (optional).

Technical Specification – TX935

Oscillator

Description	Range	Notes
Low battery indication		
Battery 9V, alkaline		
Mode 1: Tone Pair Identification		
Tone Output Frequency	1KHz – 2 2kHz	
Selectable		Warble, Pulsed or Continuous
Output level to line	+3dBm (600Ω)	
Output Impedance	600Ω	
Current Consumption	Approx. 5mA	
Mode 2: Open Circuit		
Resistance between terminals	>200MΩ	
Line voltage	1KVdc (max)	
Current Consumption	2mA (approx)	
Mode 3: Short Circuit		
Resistance between terminals	50mΩ (approx)	
Current Consumption	2mA (approx)	
Mode 4: Connect Exchange		
Current Consumption	2mA (approx)	
Mode switching Distance	Up to 20 km	

Probe

Description	Range	Notes
Low battery indication		
Battery 9V, alkaline		
High and low tone sensitivity settings		
Tone receiver mode		
Auto time-out	2 minutes	
Output	2,000Ω	Receiver, speaker or earphone
Tone Output Frequency	86dBA @ 180mm	
Current Consumption	15mA	
Other modes		
Current Consumption	<1μA	
Exchange connected		Indicated by green/red LED

Specification maybe subject to change without notice