

# TRACK SIGNAL SNIFFER



UTE P/N 17050-00

The Track Signal Sniffer is a self contained microprocessor based test system designed for railway workers to quickly test and calibrate cab signal frequencies and code rates on the rail using a current probe around one rail. It measures and displays the cab signal frequencies, code rates, duty cycle and current for both single and 9 aspect coding. In addition, the Track Signal Sniffer can also be used to measure audio track circuits and railroad crossing frequencies up to 20 KHz. The tester incorporates a serial communications port for interface with PCs.

**Test The  
Ultra-Tech Way...**

## Model 17050

### STANDARD FEATURES:

- DSP based filter and measurement
- Simple User Interface
- Housed in a rugged Pelican carrying case
- Large easy to read back lit LCD display
- Internal battery, over 40 operational hours per charge
- Battery Charger/Power Adapter included
- Rugged Loop interface to the rail
- Storage pouch for accessories
- Host Software included for management of customized settings

# UTE

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*"The Innovators in Railway System Testing"*

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represented by



## SPECIFICATIONS

Electrical	
<b>Battery Charger/Power Supply Adapter</b>	
Input Voltage	120 VAC 60Hz
Input Current	1 Amp
Output Voltage	12 to 15 VDC
Output Current	~1.5 Amps
<b>Track Signal Sniffer</b>	
Power Input Voltage	12 to 15 VDC
Power Input Current	~1.5 Amps
Current Probe Input Voltage	0-100 mV

Physical	
<b>Size</b>	
The Track Signal Sniffer is housed in a plastic case that measures as follows:	
Width 13.375"	Depth 11.75"      Height 6"
<b>Weight</b>	
The approximate weight of the Track Signal Sniffer power adapter and cables is 16 pounds.	
<b>Environmental</b>	
Storage Temperature Range:	-40°C to 70°C
Operating Temperature Range:	-20°C to 60°C



- 1) The Track Signal Sniffer uses a rope style current probe to accurately obtain signals from the rail.
- 2) The Track Signal Sniffer has five (5) push buttons for controlling and setting the operating modes.

*Note: Optional Shunt Interfaces are available.  
Please call the factory for details.*

**Ultra-Tech Enterprises, Inc.** is a specialized engineering, manufacturing and service company that provides on-board and portable testing equipment for public and private railways, transit operating authorities and railcar builders.

As the innovators of testing equipment, we are continually creating answers for individual railroads and transit authorities. We assess each problem, design a custom solution and then share innovative technology to benefit the entire industry.

