



## VeriTranz Multi-Audio Frequency Rail Current Detector



Veritech Inc. has designed and built a new Multi-Audio Frequency Rail Current Detector to assist Signal professionals in troubleshooting problems with higher frequency track circuits and cab signals. The unit can detect current leakage along the rail with a dynamic range from 25 Hz to 22 KHz allowing the user to isolate problems to the track circuit or cab signal frequency present on the rail. The signal maintainer simply places the unit on the rail, switches it on, and it scans for and displays all of the frequencies present on the rail. The user then dials through a nearly limitless list of pre-selected frequencies and rolls the unit along the rail. The unit "beeps" when full current is present and stops when a drop of about 40 percent occurs. The rugged, illuminated analog meter gives visual indication of current loss. This unit can be used to detect problems such as shunts, partial shunts, insulation breakdown on switch rods, impedance bond breakdown, fouling wire issues, and other causes of current loss safely and easily. The unit features a frequency selector switch, LED illuminated DC microammeter, volume adjustable piezo transducer, back-lit LCD frequency display with battery level indication, power on-off switch, and sensitivity gain control. The unit may be custom configured for different frequencies as specified by the customer.

This unit now joins our VeriTranz Rail Testing Line which also includes our Low Frequency Rail Current Detector and our Rail Car & Locomotive Jumper Cable Tester.

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