MODEL 245

CIRCUIT SNIFFER



Rapid RFI Location for Breaker Panels, Meters, and Circuits

The Model 245 is a compact, short-range RFI locator engineered to identify electrical interference within homes, commercial facilities, and industrial environments. Designed for efficient indoor troubleshooting, it enables technicians to isolate noisy circuits at meters and breaker panels without repeatedly interrupting power or resetting connected equipment.

Indoor interference often originates from appliances, lighting controls, and electronic power systems that generate broadband noise affecting radio, television, and other communications. The Model 245 streamlines detection by allowing technicians to trace interference from the circuit to the offending device using its directional probe and dual-frequency antenna.

Combining localized detection with an LED signal-level indicator and intuitive controls, the 245 provides a reliable solution for resolving interference complaints. Its compact design and straightforward operation make it effective for troubleshooting in confined electrical and indoor environments.

SPECIFICATIONS	
TYPE	HANDHELD RFI CIRCUIT SNIFFER
DETECTION RANGE	2 - 12' FROM SOURCE RANGE CAN BE DECREASED TO 0.5 - 1' USING SENSITIVITY CONTROL
FREQUENCY RESPONSE	LF: < 4 MHZ HF: > 4 MHZ
MODES	LOW FREQUENCY HIGH FREQUENCY
CONTROLS	ON/GAIN CONTROL FREQUENCY SELECTION SWITCH (PROBE/LF/HF)
INDICATORS	LED BAR GRAPH LOW BATTERY LED
AUDIO OUTPUT	2" POLYCARBONATE SPEAKER
POWER SOURCE	9V ALKALINE BATTERY
DIMENSIONS	5.5 x 3.25 x 1.5"
WEIGHT	12 OZ (0.75LB)

Product Features

Rapid Circuit Isolation

Identifies noisy circuits at meters and breaker panels without repeatedly interrupting electrical service.

Directional RFI Detection

Pinpoints localized interference sources using a directional probe for precise, short-range troubleshooting.

Dual-Frequency Antenna

Provides high- and low-frequency detection modes for tracing interference from circuits to individual devices.

LED Signal-Level Indicator

Displays relative interference strength for quick visual feedback when approaching a noise source.

Broadband Interference Detection

Locates electrical noise generated by appliances, lighting controls, and electronic power systems.

Compact, Portable Design

Lightweight, portable construction enables efficient troubleshooting in confined indoor environments.

Radar Engineers Inc.

Precision Instruments Since 1947

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