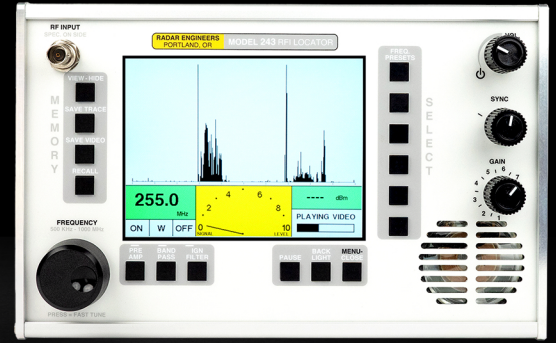




MODEL 243 RFI Locator



Proven Accuracy for Power Line Interference Detection

The Model 243 RFI Locator sets the standard in RFI location technology, engineered to detect powerline sparking with speed, sensitivity, and precision. Its continuously tunable receiver, covering 500 kHz to 1000 MHz, combined with a dual-trace display, allows live and stored waveform comparison for fast, accurate signal analysis.

Spark gap noise can be seen on the display, measured on the signal meter, and heard through the built-in speaker, enabling rapid identification of interference affecting AM radio, HAM radio, LTE, and cable communication systems. The included AM Probe also helps locate indoor electronic interference sources.

Recorded trace and video files can be reviewed in the Radar Application for waveform analysis, trace comparison, annotation, and report generation. Built for demanding field use, the Model 243 includes a rugged carrying case, battery charger, mag-mount whip antenna, handheld LP directional antenna, and low-frequency probe for a complete ready-to-use system.

Product Features

5.7" Color Display

High-resolution, dual-trace waveform comparison for live and reference signals

Log Periodic Antenna

High-gain directional design (≈ 8 dBi) enables precise long-range signal isolation from 270–1000 MHz

Dual Operating Modes

View waveforms, measure signal strength, and monitor interference through the built-in speaker.

AM Probe (Low Frequency)

Amplified loopstick design targets 500 kHz–3.5 MHz for locating indoor and low-frequency interference sources

Radar Application

Transfer trace and video files via USB or SD card for analysis using the Radar Application

Mag-Mount Whip Antenna

Omnidirectional coverage from 52–88 MHz allows rapid mobile scanning with quick vehicle deployment

SPECIFICATIONS	
FREQUENCY	500 KHZ – 1000 MHZ SYNTHESIZED TUNER
DIMENSIONS	10.25" X 6.25" X 2"
WEIGHT	5.6 LBS.
POWER	RECHARGEABLE NIMH AA BATTERIES
BATTERY LIFE	6 HOURS OF OPERATION
DIRECTIONAL ANTENNA	
FREQUENCY	270 – 1000 MHZ
TYPE	LOG PERIODIC
SIZE	10 ELEMENTS
GAIN	≈ 8 DBI
AM PROBE	
FREQUENCY	500 KHZ – 3.5 MHZ
TYPE	AMPLIFIED LOOPSTICK
MAG MOUNT WHIP	
FREQUENCY	52 – 88 MHZ
TYPE	WHIP ANTENNA



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