



MODEL M-331

Mini RFI Locator



Compact Precision for Powerline Interference Detection

The Model M-331 is a compact, all-in-one RFI locator designed to quickly identify powerline sparking that disrupts radio and television signals. Combining a high-sensitivity receiver, four-element Yagi antenna, LCD signal meter, speaker, and antenna into a single handheld instrument, the M-331 delivers dependable performance in demanding field environments.

Its tunable 320 to 340 MHz receiver, independent gain control, and digital ignition noise filter allow operators to isolate powerline interference while minimizing background noise. Stable signal readings and intuitive controls make inspections faster and more reliable.

Designed specifically to detect spark-gap interference rather than general electronic noise, the M-331 helps crews rapidly locate defective hardware. When greater pinpoint accuracy is required, it pairs with the Model 251 Parabolic Pinpointer.

SPECIFICATIONS	
FREQUENCY	320 - 340 MHZ TUNABLE
ANTENNA	FOUR-ELEMENT YAGI ~ 8 DBI GAIN
INPUT CONNECTOR	BNC
SIGNAL DISPLAY	LCD SIGNAL STRENGTH METER
READOUT	CALIBRATED DB READOUT FACTORY SELECTABLE DBM, DBMV, DBUV
AUDIO OUTPUT	INTERNAL SPEAKER 1/8 IN. STEREO JACK
FILTER	DIGITAL IGNITION FILTER SWITCH
CONTROLS	FREQUENCY, VOLUME, RF GAIN, IGNITION FILTER, POWER
POWER	9V ALKALINE BATTERY
DIMENSIONS	18.5" X 25.5"
WEIGHT	LESS THAN 2 LB. (INCLUDES CARRYING CASE)

Product Features

Broadband RFI Detection

Detects sparking and interference from 1 kHz to 1 GHz, optimized for 320 to 340 MHz operation.

Four-Element Yagi Antenna

High-gain directional antenna provides excellent front-to-back rejection.

Signal Strength Meter

Calibrated LCD meter provides repeatable signal readings independent of gain settings

Spark-Gap Detection

Designed to detect powerline spark-gap interference while minimizing responses to general electronic noise.

Digital Ignition Noise Filter

Reduces vehicle and non-powerline ignition noise for cleaner signal identification.

Calibrated Readout

Factory-selectable dBm, dBμV, or DDμV measurements for consistent field evaluations.



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