

# *The Ultimate in Leak Detection*



- *Adjustable Range Readings*
- *Retractable Dipole Antenna*
- *Exclusive LVI™ technology*
- *Vehicle Mounting Kit*
- *ComSonics® Nexus™ Compatible*



ComSonics' Sniffer® Sleuth II is the premier handheld cable leakage detector with Dipole Antenna, LVI™ technology and vehicle docking design.

**SNIFFER SLEUTH**

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**FEATURES:****Field Use Setup**

- Tuning Adjustments
  - Built-in Antenna Adjustment
  - Tuned Channel
  - Distance Setting
  - Squelch Setting
  - Sensitivity Setting
  - Audio Volume Setting
- Five (5) Button Display Control
- Pistol Grip Trigger Control

**Leakage Validation Indicator (LVI™)**

- Minimizes Erroneous Readings
  - Exclusive Patented Algorithm
  - Isolates Real Leakage
  - Differentiates Extraneous Noise
- Signal Presence Sniffer® Warble Alert

**Vehicle Docking Cradle (optional)**

- Quick Vehicle Mounting
- Flexible goose neck mount
- Automatic Connection to:
  - Power/Recharge
  - External Antenna
  - Audio Output DC (Optional)

**Accessory Software Kit (optional)**

- Customize
  - Favorite Channel Frequency Selecting
  - Units-of-Measure
  - Peak Hold Time

**SPECIFICATIONS:**

<b>Operating Modes<sup>1</sup></b>	Video Carrier Measurement or Sniffer II/III Signal Source Measurement
<b>Tuning Range<sup>2</sup></b>	120 to 160 MHz (as defined in configuration table)
<b>Opt. Extended Range<sup>3</sup></b>	108 to 119 MHz (single frequency operation only)
<b>Tuning Stability</b>	≤ 1 kHz
<b>Receiver Sensitivity</b>	-80 dBmV (-129 dBm)
<b>Selectivity</b>	± 4.5 kHz
<b>Antenna Compensation</b>	External Port +2.1 dB
<b>Measurement Accuracy</b>	< ± 2.0 dB
<b>Squelch Setting<sup>4</sup></b>	0, 5, 10, 20, 50*, 100, 1999 $\mu$ V/m [0, audio on] [1999, audio off]
<b>Bar Graph Sensitivity<sup>4</sup></b>	x1 (2,000 $\mu$ V/m)*, x10 (200 $\mu$ V/m), x20 (100 $\mu$ V/m) maximum
<b>Distance Adjustment<sup>5</sup></b>	10*, 30, 75, 150 feet
<b>Level Units of Measure</b>	$\mu$ V/m*, dB $\mu$ V/m, or dB $\mu$ V
<b>Distance Units Measure</b>	feet* or meters
<b>Peak Hold Time</b>	0 to 60 seconds (1 second*)
<b>Audio Output</b>	90 dB at 3 feet, maximum level
<b>Audio Volume Settings<sup>6</sup></b>	0, 1 ( $\approx$ 20%), 2 ( $\approx$ 40%), 3* ( $\approx$ 60%), 4 ( $\approx$ 80%), 5 ( $\approx$ 100%)
<b>Battery Pack</b>	Rechargeable Li-Ion 7.2V
<b>Weight</b>	1.6 lb.
<b>Operating temperature</b>	0°F to 120°F (-18°C to 49°C)
<b>Storage temperature</b>	-20°F to 150°F (-29°C to 66°C)

\* Factory Default Setting

<sup>1</sup> Enabled by selected frequency / channel.

<sup>2</sup> Three frequencies selectable in receiver

<sup>3</sup> Extended frequency option requires factory installed hardware and firmware. F-Chan selection limited to one installed channel.

<sup>4</sup> Equivalency in dB $\mu$ V/m and dB $\mu$ V.

<sup>5</sup> Equivalency in meters. Field Selectable. Optional 1 foot distance adj. w/config utility

<sup>6</sup> Percentages listed are for reference only. Field Selectable.