

**ComSonics, Inc.**

# Sniffer® Shadow™



There's no reason for Signal Leakage Detectors to be boring so ComSonics created **Sniffer Shadow** to look and feel

**FANTASTIC!!**

*We didn't stop there... Check out these features:*

- ✓ Single Button Operation
- ✓ Exclusive Leakage Validation Indicator
- ✓ More than 100 Monitoring Mode Hours
- ✓ More than 8 Measuring Mode Hours
- ✓ No Larger than a Cell Phone
- ✓ Classic Sniffer® Warble Tone
- ✓ Fix-Tuned to one of 40 Channels
- ✓ Tri-Function LCD Protective Cover
- ✓ Dual Purpose Recharge Port

ComSonic's Sniffer SHADOW uses the latest technology to bring you an ultra-reliable, field-use friendly, feature packed Installer's Signal Leakage Instrument. Single button operation limits the possibility of time consuming erroneous monitoring. SHADOW is either ON or OFF. It cannot be mistuned and yet allows the flexibility for selecting a new frequency if needed.

ComSonic's exclusive Leakage Signal Validation feature saves time and money by helping the user to quickly decide whether or not the signal observed at any moment is really

the desired signal, or simply spectral noise cluttering the airwaves from a near-by appliance.

Add to that two modes of operation that conserve battery energy while always ready to sound the alarm when moved into a leakage field. A flip of SHADOW's cover reveals the liquid crystal display, hoists the integral antenna and activates the Measurement Mode. Closing the cover restores the Monitoring Mode. In the Monitoring Mode, SHADOW's hunger for power drops to near insignificance while maintaining a watchful vigilance.

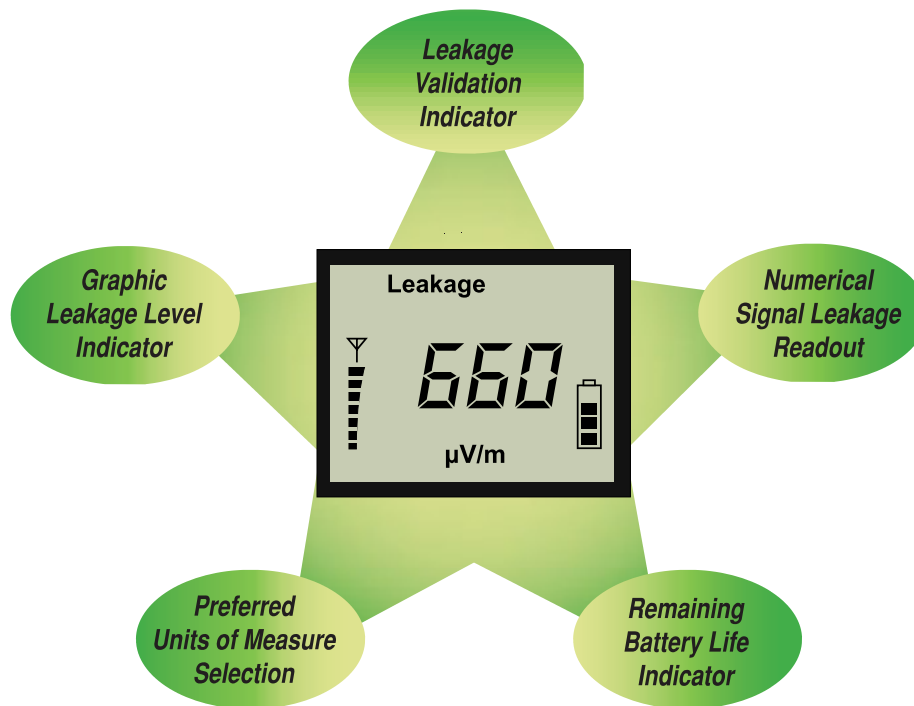
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or visit our web site at <http://www.comsonics.com>



**COMSONICS, INC.** An Employee Owned Corporation

**We set the standards.**



## Specifications

### TUNER

- Single Frequency Fix-Tuned Programmable
  - Programmable Frequency Selections
- 120.0000, 120.0060, 120.2500, 121.2375, 121.2500, 121.2625, 123.2500, 126.0063, 126.2500, 127.2375, 127.2500, 127.2625, 128.0000, 128.2500, 131.2500, 132.0066, 133.2500, 133.2625, 136.0000, 136.2500, 138.0069, 138.2500, 139.2375, 139.2500, 139.2625, 140.2500, 144.0000, 144.0072, 144.2500, 145.2375, 145.2500, 145.2625, 147.2500, 150.0075, 151.2375, 151.2500, 151.2625, 152.0000, 152.2500, 154.2500, 155.2500, 156.0078, 157.2375, 157.2500, 157.2625, 159.2500 (All in MHz)
- Sensitivity (Antenna integrated into Flip LCD Cover)
  - Better than -50 dBmV (10  $\mu\text{V/m}$  @ 140 MHz)
- Pre-detection Bandwidth
  - @7.5 kHz

### USER CONTROLS

- Single Button
- Flip LCD Cover Mode Selector

### COMMUNICATIONS PORT PROGRAMMING

- Access through External Power/Recharge Port
- User Accessible Features
  - Tuner Frequency Select (From Programmable Set)
  - Squelch Threshold, Monitor Mode
  - Squelch Threshold, Measure Mode
  - Scrambled Channel Offset Adjust (0dB to 6 dB in 0.5 dB steps)
  - Units of Measure Select
  - Leakage Validation Disable/Enable
  - Warble Tone Maximum Loudness Adjust (25% to 100%)

### POWER

- Lithium Ion (Li-Ion) Factory Replaceable 3.6 Vdc, Rechargeable
- Single Charge Life, Monitor Mode: >100 Hours
- Single Charge Life, Measure Mode: >8 Hours
- SMART Recharge Time: <6 Hours

### DEVICE OUTPUTS

### ➤ Visual

- LCD
  - Signal Level (Graphic & Numeric) Indicators
  - Leakage Validation Indicator
  - Units of Measure Indicator
  - Battery Life Graphic Indicator
- LED
  - Monitor Mode Indicator
  - Charging Mode Indicator
  - Communications Mode Indicator

### ➤ Aural, Monitor Mode

- Signal Presence Alert
- Low Battery Alert
- Squelch Factory Set to 10  $\mu\text{V/m}$

### ➤ Aural, Measure Mode

- Signal Level Indication
- Squelch Set to 0.0  $\mu\text{V/m}$
- Low Battery Alert

### TEMPERATURE

- Operating Temperature Range: 0°F to 120°F (-18°C to 49°C)
- Storage Temperature Range: -4°F to 140°F (-20°C to 60°C)

### MECHANICAL

- High Impact, Stylish, Field Friendly, Injection Molded Case
- Selectively Overmolded for Handling Security
- Moisture and Dust Resistant
- Flip LCD Cover/Mode Selector/Antenna
- Weight: < 7 ounces (198 grams)

### ACCESSORIES

- Charger, Wall Outlets Type (Supplied)
- Vehicle Charging Adapter (Optional)
- Carrying Case (Optional)

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