



## Owner's Manual

Although we can't see or feel them, electromagnetic fields (EMFs) are found throughout nature and in all living things. EMFs are also present wherever there is electricity generated from 60 Hertz AC power sources. EMFs are emitted from all electrical appliances, house wiring and power lines.

In recent years, questions have been raised about the possible health risks associated with EMFs from 60 Hertz power. Until more is known, you can limit your exposure by increasing your distance from EMF sources.

The ElectroSensor is an easy-to-use gaussmeter that lets you measure EMF levels in your environment. The EMF risk can be managed, if you know where it is.

### How to Use the ElectroSensor

- The ElectroSensor measures from less than 1.5 mG (no LED lighted) to greater than 30 mG (top LED lighted). Each of 10 LED bars indicates a specific emission level in milliGauss (mG). It is powered by a AAA battery, included and installed.

- The pick-up coil of the ElectroSensor is located in the tip of the unit, which can be rotated 180 degrees for increased directionality.
- Before taking a reading, the unit must be "powered up." To do so, press the button lightly and keep it depressed. You'll notice that after a few seconds, all the LEDs will light up and go off. Keeping the button depressed, you can now take a reading. Taking your finger off the button will turn the unit off automatically, and it will have to be "powered up" again for another reading.

**PLEASE NOTE  
IMPORTANT USER TIP:**

The ElectroSensor features an "automatic off" switch that will conserve battery life. To turn the unit on, press the on/off button lightly until all the LED lights go on and off (this takes 3 to 5 seconds). Then, keeping the button depressed, you are ready to take a reading. As soon as you take your finger off the button, the unit will automatically turn off. To turn the unit on again, repeat above procedure.

### How to Take an EMF Survey

- Begin by taking a walk through each room with the ElectroSensor on.
- Take note of areas where EMFs register and move toward the source until the highest reading is shown.
- Slowly back away from the source until no LEDs are lighted; now you know the distance to maintain from appliances or areas with high EMF readings.

Be sure not to overlook any EMF source. These include computers, printers, stereos, clock radios, electric blankets, hair dryers, mixers, stoves, microwave ovens, washers and dryers, televisions, refrigerators, copiers, lighting fixtures, dishwashers, toasters, cellular phones, electric razors, etc.

**NOTE:** Higher EMF levels will be detected when appliances are operating.

### Care of the ElectroSensor

The ElectroSensor is calibrated and sealed upon manufacture and requires no further adjustments. The ElectroSensor itself is not a source of EMF emissions.

To clean the unit, simply wipe with a damp cloth. Do not immerse in water.

### Specifications

Power:	One 1.5V AAA alkaline battery
Display:	10 high visibility LEDs
Display range:	1.334 to 30 milliGauss
Detection range:	50-60 Hz
Accuracy:	±3 dB over full range calibration traceable to NBS standards

### One Year Limited Warranty

Sonic Technology Products, Inc. warrants to the original purchaser that the ElectroSensor will be free of defect in materials or workmanship for one year from the purchase date. Warranty is void if defects are caused by negligence, abuse, misuse or damage from water or heat.

Should it be necessary to send your ElectroSensor in for service under the terms of this Warranty, return it in a well-packaged carton along with a copy of your purchase receipt and ship postage prepaid to:

**Sonic Technology Products, Inc.**  
13281 Grass Valley Avenue  
Grass Valley, CA 95945  
800-247-5548

