

# E-alert

For cell phones, TVs, and all other electrical appliances.

Do you know you are exposed to more and more Electromagnetic Field (EMF) radiation that may cause harm to your health and well-being? This Radiation Finder will detect EMF strength of all electrical appliances in your environment, and the manual tells you how to protect you from this danger.



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## About EMF

Electric and magnetic fields (EMF) have different properties and different ways of causing harmful biological effects. Some people become ill from many types of EMF sources, such as alarm clocks too close to their bed, sitting too close to a TV or computer, or using a cell phone. Reported symptoms are headaches, arm and leg tingling, dizziness, difficulty in concentrating, nausea, and even more serious problems.

Osun's e-alert is easy to use, and does not require a technical background.

## User Instructions

1. Press the switch to turn the device on. Three LEDs will be on for a second, after which only the green LED stays on. If no lights are on, check the battery.
2. Walk near any electrical appliance or equipment in your house or office. Hold the unit steady during measuring. Mark the area and distance from the appliance when the red LED is on. Read below for suggested corrective measures. Release the switch after use.

## Indications

Green light: No radiation detected or it is at safe level. Yellow light: Radiation is strong.

Red light: Radiation is very strong.

## Specifications For cell phones, microwave ovens, and other high frequency appliances:

Green light: Less than 0.02 mW/cm<sup>2</sup>.

Yellow light: 0.02 to 0.1 mW/cm<sup>2</sup>.

Red light: higher than 0.1 mW/cm<sup>2</sup>.

## Specifications For power lines, TVs, computers, and other low frequency appliances:

Green light: Less than 2.5 mG.

Yellow light: 2.5 to 8 mG.

Red light: higher than 8 mG.

Power: Two 3V button battery. Please pay attention to the polarity of the battery when installing it. Positive should be facing up. Current: about 10mA. See backside of the unit for battery replacement instruction.

## Reduce exposures to EMF

Remember that the EM field radiated from an appliance drops off dramatically in strength with increased distance from the source.

There are a number of ways to reduce harmful exposure to EMF. Some are as easy as standing back from an appliance when it is in use.

If the measured radiation level of a cell phone is high, consider using shielded accessories. If the problem persists, you may want to switch to another cell phone or service company. Cell phone radiation levels vary from phone to phone and from company to company.

Computer users may want to switch to flat panel display since these monitors emit less EMF than the conventional CRT type of display.

Other EMF reduction steps, such as correcting a household wiring problem, are worth doing for safety reasons. The traditional way of grounding electrical devices is to connect them to water pipes. However, today's pipes are mostly plastic and do not provide good grounding. One suggestion is to find a pure metal pipe and redo the wiring. It is wise to reduce as much as possible the time spent near known sources of strong EMF. Turn off all electrical appliances when you aren't using them.

**Warranty** One year.

## To replace the battery

The E-alert is powered by two 3 volt button batteries (CR2025). Replace the batteries after continuous use for more than 4 hours.

- a. Find the pull-out battery drawer located on the right side of the unit.
- b. Follow the instructions on the diagram below.

Use your left thumb  
to push the drawer  
latch to the right

Use your right thumb to pull  
the notch up to slide the  
battery drawer out

Insert two 3 V  
batteries in the drawer  
compartment

