

ABOUT

Thank you for your purchase!

Safe Living Technologies is pleased to introduce the most accurate and reliable budget RF detector on the market. This sensitive unit is capable of detecting potentially harmful RF or microwave radiation from any continuous or pulsed digital sources. To help identify these various sources, the Safe and Sound includes a built in speaker. Each source has its own unique sound signature.

Please visit our website

www.safelivingtechnologies.com for the sound library, for more information as well as our product video.



OPERATION

To turn on the unit, simply slide the power switch up to the middle (or top position) for enabling sound. Scan the area for the highest reading by moving it in all directions while keeping it at least 30 cm or 1 foot from your body. If the RF levels are at or below a safe, long-term exposure level for sleeping areas, the green LED will be solid or flashing if it's an ideal environment. Daytime exposure will vary as many locations will be outside of your control, but use this detector to identify and avoid higher exposure areas.

- **RED: Extreme** - Move away from this exposure
 - 2: indicates more than **10x** these levels.
 - 3: indicates more than **100x** these levels.
 - 4: indicates more than **1000x** these levels.
- **ORANGE: High**
 - Reduce this level for long term exposure.
- **YELLOW: Moderate**
 - Try to limit your exposure time at this level.
- **GREEN: Slight** - Good for sleeping areas
 - 1: indicates the best and ideal conditions.
 - 2: indicates acceptable and ideal conditions.

- The unit will automatically turn itself off after 30 minutes. To turn it on again, move the power switch to the OFF position, then back ON again.
- When turning the unit on, the 8 LEDs will turn on sequentially, followed by an indication of the battery charge level.
- When the batteries are low, the unit will display the low battery level, then turn itself off.
- Alkaline batteries only.



Figure 1: Full Battery Indicator (All Lights On)

NOTES

The Safe and Sound Broadband RF detector measures the sum of all the radiation sources found in the range of 200 MHz to 8 GHz.

Environments with higher levels of RF are often a reality now. The goal is to reduce your exposure as much as possible. This is especially important in sleeping areas.

Biological damage from microwave radiation at a cellular level occurs at powers much lower than the current government safety standards. They only consider the heating of tissue to be a health concern. This detector reflects the latest science and building biology standards.

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www.buildingbiology.com Baubiologie

Maes: www.maes.de

Based on the Safe and Sound Pro II

Technical Specifications

Frequency Response: 200MHz - 8GHz
Response Time: < 5 μs
Exposure Levels

Peak Values

	Red (Fastest Flash) >1,000,000 μW/m ²	
	Red (Fast Flash) 100,000 - 1,000,000 μW/m ²	
	Red (Flash) 10,000 - 100,000 μW/m ²	
	Red 1000 - 10,000 μW/m ²	
	Orange 100-1000 μW/m ²	
	Yellow 10-100 μW/m ²	
	Green 1-10 μW/m ²	
	Green (Flashing) < 1 μW/m ²	

(2.4 GHz signal level reference)
Battery Type: 3 x AAA Alkaline

Battery Life: average of 27 hours with speaker on
up to 40 hours with speaker off

SAFE LIVING TECHNOLOGIES

www.safelivingtechnologies.com

Engineered and Made in Canada by



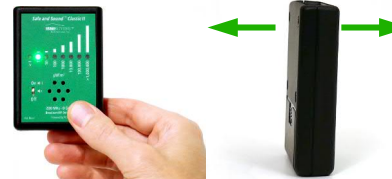
Features

Using the same measurement technology as the Pro II and Classic I, the Classic II Broadband RF Detector features:

- lab certified frequency response 200 MHz - 8 GHz
- the ability to detect very short pulses including 5G
- long battery life >27 hours with speaker on
- an easy to use interface
- produces zero EMF emissions
- new front facing speaker for louder sound quality
- battery level display see Figure 1

Use the Classic II to Measure:

Cell phone towers and cell phones (including 5G-lower and mid bands), cordless phones, baby monitors, Bluetooth devices, upper and lower Wi-Fi bands, smart meters, laptops, tablets, microwave ovens, and more



suggested holding position directions of best sensitivity

Safe and Sound Classic II

200 MHz - 8 GHz
Broadband RF Detector



Operation Guide

