

SEF Meter V2

Thankyou for purchasing <https://www.I4Incredible.com/>'s **SEF Meter V2**

Designed to detect living and non-living things (Including Ghosts and other entities), **SEF Meter V2** works on a different theory to traditional EMF meters.

Traditional EMF meters use Magnetic Anomalies and / or Radio Frequency waves to detect Spirits. This method can be difficult to eliminate false positives etc due to the number of transmitting devices in use these days, and many other environmental factors.

SEF Meter V2 uses Static Electric Field detection technology.

Ever felt the hairs stand up on the back of your head when a spirit is around? That could be static electricity! Static Electricity can be so powerful that recent study concludes Gecko's might use it to cling to walls and ceilings!

SEF Meter V2 allows the monitoring of static electric fields, by indicating the live field strength detected, and displaying the number of Close Contacts. Designed to detect a human hand from as far as 3 inches, it can also detect many objects that can carry a static charge eg. A plastic comb, or a charged glass.

With a built in LiPo battery, **SEF Meter V2** can run for up to 4 hours continuously from a full charge, or record for up to 12 hours. Charging is via USB Micro charge cable and suitable 5V supply (Your Laptop / PC / USB phone charger).

All functions are controled via a compact IR remote control (Battery Included)

Internal Options include: Magnetic 3 axis sensor, Air Pressure Sensor, Battery Upgrades



Remote Explanation

SEF Meter V2



* Move Threshold buttons are also used to change Temperature Scale from Celsius / Fahrenheit.

* Move Threshold buttons also used to change Recording Sample Rate

SEF Meter V2

Quick Start Instructions

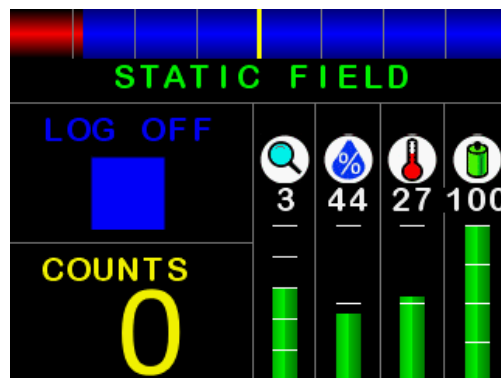
SEF Meter V2 requires up to 5 hours charging time.

Charging mode is indicated via white LED light. If the light extinguishes while charging, or the battery indicator is at 100, the battery is fully charged.

The battery indicator will be Blue only during charging, and Green when not charging or fully charged.

Press the ON / OFF button on the remote for 1 second to turn the device on.

After a brief loading screen, the main screen will be displayed:



The **Top Bar** indicates the Live **Static Field** Strength, or Live **Magnetic Field**, or Live **Air Pressure**. Press **UP** or **DOWN** arrows on the remote to change indication type.

LOG OFF indicates that the unit is not recording. When plugged into a PC, this will change to **USB MODE**. During Recording it will indicate **LOG REC**.

COUNTS indicates the number of Static Threshold detection's. The threshold is indicated as a **YELLOW** line within the Top Bar. It is moved by pressing **LEFT** or **RIGHT** on the remote.



Indicates the Static Sensitivity from 1 to 5 (5 is Most Sensitive). To change press + or -. The SEF Meter V2 will do a quick re-calibration (without clearing COUNTS) if Sensitivity is changed.



Indicates the Live Humidity measured* from 0% to 99%



Indicates the Live Temperature measured*



Indicates the Live Battery Charge Level and charging status

Live readings for Static, Air Pressure and Magnetism are slowly Normalised over time.

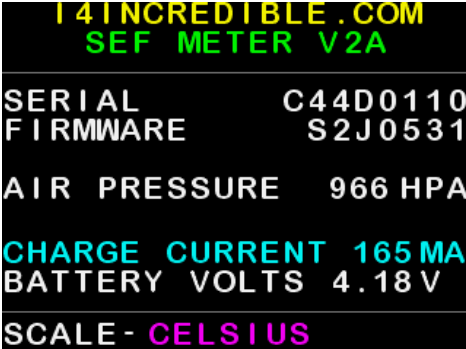
* Temperature and Humidity readings can be affected by Battery Charging and other factors.

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Quick Start Instructions Continued...

To show Information Screens - Press the ENTER button on the remote.

First Information Screen:-



```
I4INCREDIBLE.COM
SEF METER V2A
SERIAL          C44D0110
FIRMWARE       S2J0531
AIR PRESSURE    966 HPA
CHARGE CURRENT 165 MA
BATTERY VOLTS  4.18 V
SCALE - CELSIUS
```

SERIAL is the unique Serial Number for your device.

FIRMWARE states the software version in your device

AIR PRESSURE is live air pressure in Hectopascals

CHARGE CURRENT indicates that the unit is charging, and the rate. Less than 30 MA can be considered fully charged. This will change to **BATTERY LOAD** when not charging. The **BATTERY LOAD** can be reduced by dimming the screen using DB+ / DB- buttons.

BATTERY VOLTS indicates the approx amount of battery charge remaining. 4.20 V can be considered fully charged. The device will automatically stop recording (if recording) and shut down when the **BATTERY VOLTS** reaches approx 3.00 V

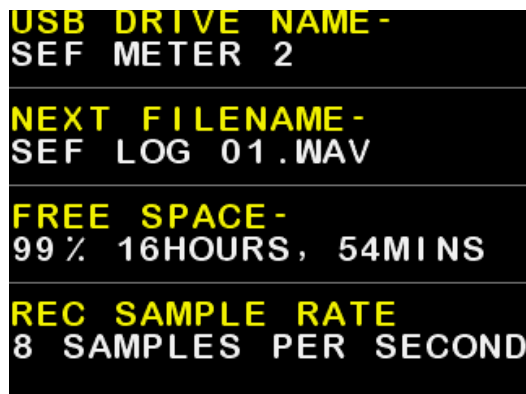
SCALE indicates the Temperature Scale displayed on the main screen. Use the **LEFT / RIGHT** arrows to change.

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Quick Start Instructions Continued...

The ENTER button on the remote will show Information Screens

Second Information Screen:-



```
USB DRIVE NAME -  
SEF METER 2  
NEXT FILENAME -  
SEF LOG 01.WAV  
FREE SPACE -  
99% 16HOURS, 54MINS  
REC SAMPLE RATE  
8 SAMPLES PER SECOND
```

USB DRIVE NAME shows the name of the SEF Meter V2 device when connected to a PC

NEXT FILENAME indicates the Next Recording Filename. It increments automatically with each recording performed.

FREE SPACE indicates the device Memory available. It is displayed both as a percentage, and as total recording length available. This will change if the **REC SAMPLE RATE** is changed.

REC SAMPLE RATE shows the rate at which sensor measurements are recorded. **LEFT / RIGHT** buttons change the **REC SAMPLE RATE** and therefore the **FREE SPACE**. A Lower Sample Rate increases the recording time available. Changing this setting while recording will not have any affect until the recording is stopped and re-started.

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About SEF Meter V2 Recording

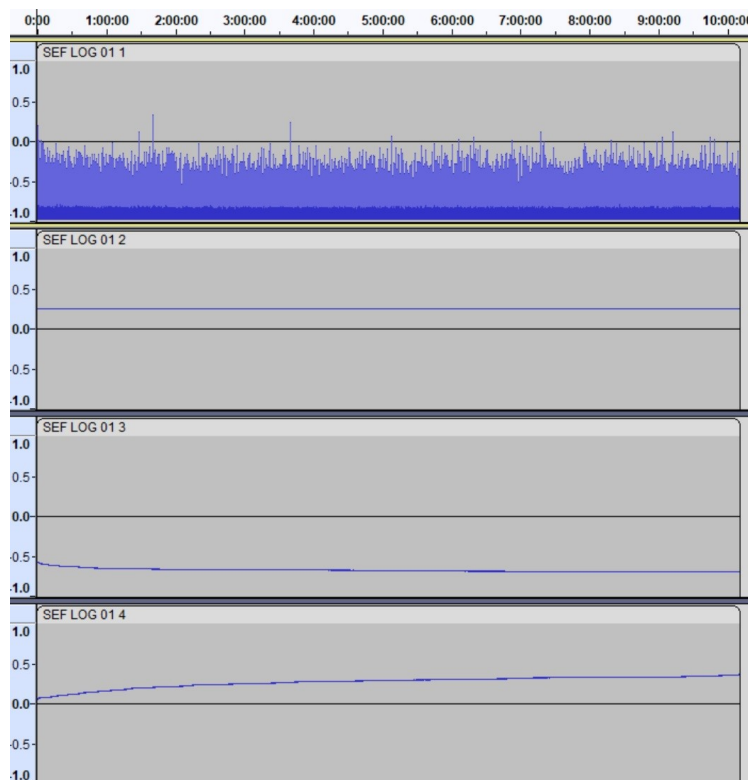
SEF Meter V2 has powerful sensor recording capabilities, and can record for up to 12 hours continuously. Simply connect to a PC via USB to access recording files.

Recording will create an 8 channel .WAV file that can be opened in some audio editing software such as Audacity®.

The screen will automatically dim after 60 seconds of no remote button activity during recording, to save battery power.

OPTION button will place a **TAG** on the recording. The **TAG** is indicated as a full-level mark on all 8 channels simultaneously. This could be useful to indicate if the device has been moved, or environment changed, or a suspected event has occurred etc.

Example Recording File:-



CH1: Static Electric Field level detected

CH2: Static Electric Field sorted Left and Right deviation from Centre of device*

CH3: Temperature sensor

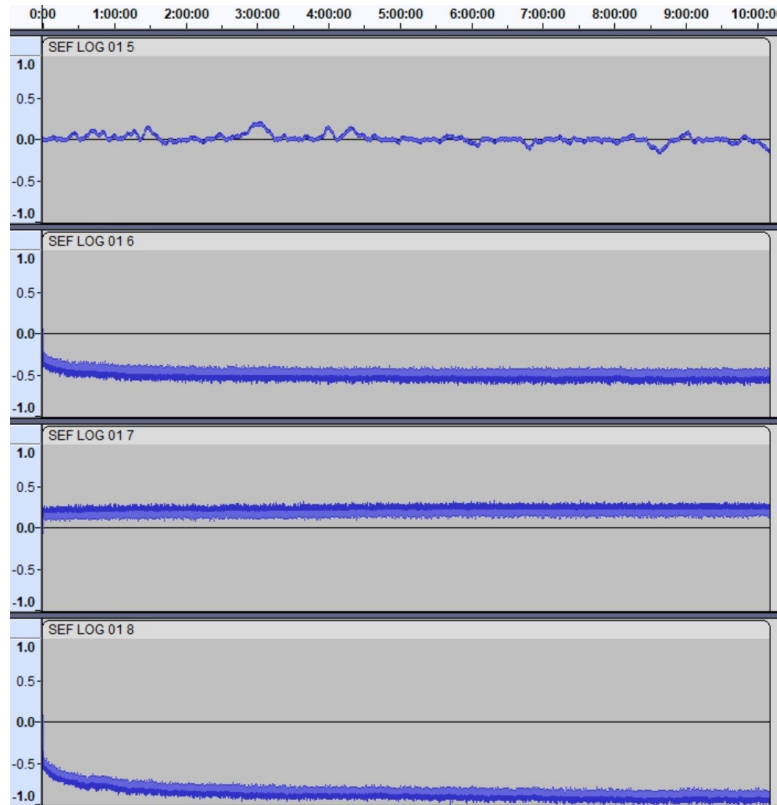
CH4: Humidity sensor

*Direction of detection generally points towards positive charged static electricity, and away from negative charged static electricity

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About SEF Meter V2 Recording continued

Example Recording File:



CH5: Air Pressure (Normalised)

CH6: Magnetic X axis (Normalised)

CH7: Magnetic Y axis (Normalised)

CH8: Magnetic Z axis (Normalised)

Audacity® Allows easy Zoom In / Out by holding down (CTRL) button on your keyboard, and using the Mouse Scroll Wheel

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Miscellaneous

Simply Press and Hold the **ON / OFF** button for 1 second to turn the unit on.

A countdown will begin on the display, as the unit self-calibrates and allows time for you the retreat to a safe distance. After the countdown, **COUNTS 0** will be displayed and will be incremented to a maximum of 99 by Close Contact object proximity to the top of the device.

To reset the Close Contact count (**COUNTS**), press **RECAL** on the remote.

The Top Live Bargraph will indicate the strength of the static electric field detected (by object proximity). Any indication above the **Yellow** threshold marker will increment the Close Contact counter (**COUNTS**). The field strength must first return to below the threshold before another Close Contact can be counted.

Press and Hold the ON / OFF button for 1 second to power the unit off.

Low Battery will automatically stop recording (if recording) and turn the device off.

Recording cannot be activated while USB connected to a PC.

The SEF Meter V2 acts similar to a USB Memory Stick (MSD) when connected to a PC. It can be formatted, and files move to / from it. The device **MUST BE TURNED ON** to use with a PC.

Readings from Static / Air Pressure / Magnetic sensors are slowly Normalised. This gentle auto-adjustment helps eliminate sensor drift and environmental factors, without compromising the data. For example - if the Air Pressure were to change due to slow weather events, the reading will be gently neutralised, however, if the Air Pressure changes due to the close proximity of door slamming in a small sealed room (Windows closed etc), the reading will still be recorded.

Dimming of the display can increase the battery run-time, and decrease the time to full charge, but may create magnetic noise.

The device can be charged while turned on or off. When off during charging, charge time can be reduced.

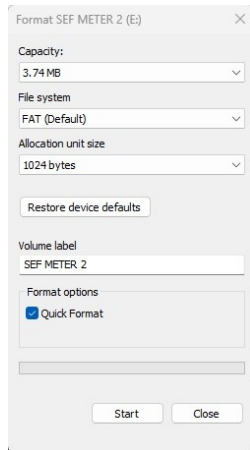
Static sensitivity can be higher than normal while connected to a PC or Charger and may also be noisy.

Device Battery is not a user-replaceable part. Please return the SEF Meter to I4Incredible to refit a replacement.

Remote battery can be replaced by moving battery holder lock towards the centre and pulling holder out. Recommended replacement battery is CR2025

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Example FORMAT settings (PC)



WARNING: LiPo batteries have caused fires in other manufacturer's products. To reduce or even eliminate this possibility, precautions have been employed into the SEF Meter V2's design [Temperature sensing, intelligent charging, battery over-current protection].

DRY INDOOR USE ONLY – Max ambient temperature 45°C

Disclaimer: Extra dimensional entities such as ghosts or spirits, have to date not been conclusively proven to exist. It may be possible through scientific testing, to explain **SEF Meter V2's** readings and Close Contact counts are due to other phenomena.

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