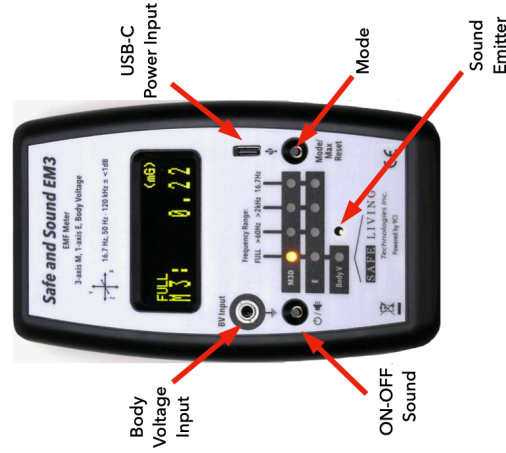


WELCOME

Safe Living Technologies is pleased to introduce the Safe and Sound EM3 EMF Meter. Designed to meet our professional standards of accuracy and reliability, the Safe and Sound EM3 features:

- MAG $\leq \pm 1$ dB response from 16.7 Hz to 120 kHz
- E $\leq \pm 1$ dB response from 16.7 Hz to 300 kHz
- Measures 3D Magnetic, 1D Electric, Body Voltage
- Sensitivity: 0.05-150mG, 0.01-170V/m, 1-3500mV
- Filters: 16.7Hz, >60Hz, >2kHz, FULL (no filters)
- Sound output
- Compact size matching our other Safe and Sound series of meters
- Cables for Grounded E and Body Voltage readings
- Intuitive & easy operation with clear mode indicators
- Extremely sensitive for Building Biology applications
- Long battery life from 2 AA alkaline cells: >6 hours
- Continuous operation via USB-C power



QUICK START

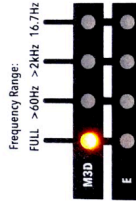
To turn ON the unit, simply push and hold the power button. The startup screen will show the self calibration process and the approximate battery level in percent remaining:



The EM3 will then go in its last measuring mode. Simply press the MODE button to cycle through the measurement types and filter options shown below:

M3 FULL M3 >60Hz M3 >2kHz M3 16.7Hz
E FULL E >60Hz E >2kHz E 16.7Hz

The yellow LEDs below the display will also indicate your selection to clearly show your current mode:



If you wish to display the individual XYZ sensor values when measuring magnetic fields, press and hold the MODE button until the display changes.



Press and hold once again to revert to 3D display, or a single press to move to the next MODE & filter.

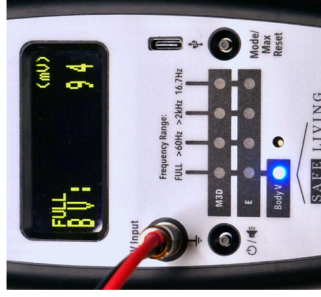
QUICK START

SOUND

To enable/disable sound, simply press the power button once. You will start to hear "clicks" as the measurement level increases. At high levels, the clicks will become fast enough to create a tone.

BODY VOLTAGE

The EM3 will automatically change to Body Voltage measurement mode when the body voltage cable is inserted to the BV Input Jack. A blue LED will indicate that the EM3 is in Body Voltage mode. The displayed values are in mV.

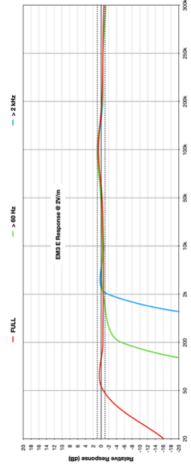


FILTER FREQUENCIES

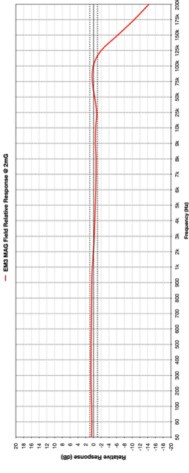
The filter frequencies were chosen very carefully by Safe Living Technologies to help isolate and identify dirty electricity >60 Hz, or >2 kHz. A dedicated low frequency band of 16.7 Hz is also available.

Technical Specifications

E-Field Response Plot



MAG Field Response Plot



E Freq. Response: ± 1 dB, 16.7 Hz - 300 kHz
MAG Freq. Response: ± 1 dB, 16.7 Hz - 120 kHz
Body V Freq. Response: $\leq \pm 1$ dB 50Hz - 120 kHz

Battery Life: > 6 hours

Engineered and Made in Canada by
SAFE LIVING TECHNOLOGIES
www.safeLivingTechnologies.com

