

CEMPROTEC 32

The Cemprotec 32 is the first detector to simultaneously monitor exposure to electrical and magnetic radiation, as well as radiation from high-speed PLC systems.

The CEMprotec 32 in a nutshell:

- 1-**PLC (Power Line Communication) frequencies:** 1.6 MHz to 68 MHz, with high-quality acoustic analysis.
- 2-**Sampling frequency:** 20 kHz.
- 3-**Electrical field:** from 10 Hz to 5 kHz for various domestic installations and high-voltage power lines.
- 4-**Magnetic field (Gauss meter):** from 10 Hz to 5 kHz, relevant to the field from transformers and various electrical installations.
- 5-**Easy to use and intuitive.**
- 6-**Easily portable** for friends, family, and trips.



The detector combines precision engineering to detect low levels of radiation.

Here are some examples of its many uses:

- **Checking whether PLC boxes are switched off at night**, or whether you remain exposed to radiation.
- Finding the **source of radiation** indoors or outdoors.
- When you buy, rent, or lend a home, the Cemprotec 32 allows you **to quickly make a diagnosis**.
- Perfect for electrosensitive individuals to **monitor their surroundings at home, work, or while traveling**.

Why the Cemprotec 32 is the leading detector in its class:

- ✓ Simultaneous detection of electrical, magnetic and high-speed PLC radiation.
- ✓ High detection sensitivity, well below traditional recommended values.
- ✓ Wide detection spectrum, from 1.6 MHz to 68 MHz (PLC), and from 10Hz to 5kHz for low-frequency radiation.

Technical information:

- PLC detection spectrum from 1.6 MHz to 68 MHz. For electric and magnetic fields from 10Hz to 5kHz.
- The level of radiation corresponding to the LEDs is provided in a table with the user manual.
- Standard mode: The values measured are average values. In FULL PLC mode, they are peak values.
- Dimensions (LxHxW): 178x50x33 mm, Weight: 90g, 9V battery included.
- High-performance antennae for detecting low frequencies and radiation from high-speed PLC.
- Full HF mode is very useful for electrosensitive people.
- For private or professional use.
- Acoustic analysis of PLC signals.
- Made in France, user manual available in French, German and English.
- Excellent value for money.