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› Tadeto TE029 EMF Meter Instruction Manual

Tadeto TE029

Tadeto TE029 EMF Meter Instruction Manual

Model: TE029

INTRODUCTION

The Tadeto TE029 is a versatile 3-in-1 handheld digital EMF meter designed to accurately measure electromagnetic field (EMF), electric field (EF), and radio frequency (RF) radiation. This device is suitable for various applications, including home inspections, office environment assessments, outdoor measurements, and even ghost hunting. It provides clear digital readouts and trend graphs, helping users understand the radiation levels in their environment.



The Tadeto TE029 EMF Meter, shown with its included USB charging cable and protective storage case.

Safety Information

Please read and understand all safety instructions before operating the device. Keep the device away from water and extreme temperatures. Do not attempt to disassemble or modify the meter, as this may void the warranty and pose safety risks. Use only the provided charging cable. This device is for measurement purposes and should not be used as a substitute for professional safety assessments.

WHAT'S IN THE BOX

- 1x Tadeto TE029 EMF Detector
- 1x USB Charging Cable
- 1x Storage Box
- 1x User Manual



The complete packing list for the Tadeto TE029 EMF Meter, including the meter itself, its retail box, the user manual, and the charging

cable.

PRODUCT OVERVIEW

The Tadeto TE029 features a large, backlit LCD screen for easy data readability and intuitive buttons for various functions. The device is ergonomically designed for comfortable one-hand operation.

Key Features:

- **3-in-1 Measurement:** Radio Frequency (RF), Electric Field (EF), and Magnetic Field (EMF).
- **Large Backlit Display:** Provides clear digital readouts.
- **Audible Alarm:** Alerts users to high radiation levels (can be turned off).
- **Data Lock:** Freezes the current reading on the display.
- **Unit Switching:** Toggle between uT/mG for EMF.
- **Automatic Shutdown:** Conserves battery life.
- **Maximum Value Display:** Shows peak readings for each field.

Professional Radiation Detection Partner



Radio Frequency Mode



Electric field mode



Magnetic field mode



Automatic shutdown



Alarm function



Data lock



Mute function



Maximum value display



A visual representation of the Tadeto TE029's advanced features, including radio frequency mode, electric field mode, magnetic field mode, automatic shutdown, alarm function, data lock, mute function, and maximum value display.

Large backlit screen

Easy to read data



The large, backlit LCD screen of the Tadeto TE029 EMF Meter provides clear and easy-to-read data in various lighting conditions.

SETUP

Charging the Device:

1. Connect the provided USB charging cable to the charging port on the Tadeto TE029.
2. Plug the other end of the USB cable into a compatible USB power adapter (not included) or a computer USB port.

3. The device's charging indicator will illuminate during charging and change color or turn off when fully charged.

Initial Power On:

1. Press and hold the power button (usually located on the front or side of the device) until the screen illuminates.
2. The device will perform a brief self-test and then display the current measurement readings.

OPERATING INSTRUCTIONS

Understanding Measurement Modes:

The Tadeto TE029 measures three types of electromagnetic radiation:

- **Radio Frequency (RF):** Measures signals from Wi-Fi, 5G, cell phones, microwaves, etc. Displayed in mW/m².
- **Electric Field (EF):** Measures electric fields from power lines, appliances, and wiring. Displayed in V/M.
- **Magnetic Field (EMF):** Measures magnetic fields from motors, transformers, and electrical currents. Displayed in uT/mG.

3-in-1

Measurement Function



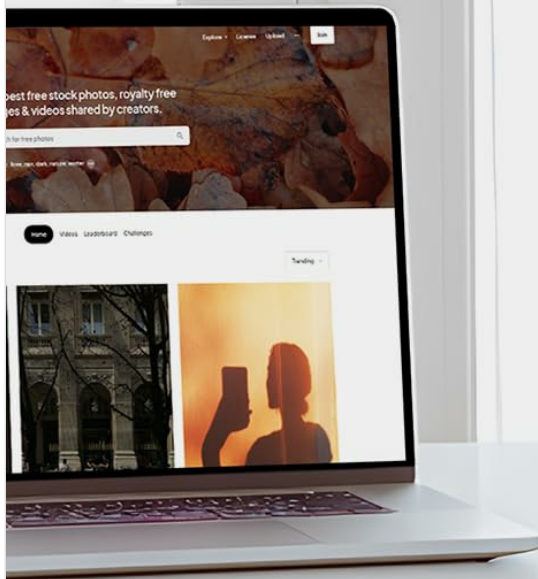
Radio Frequency
Measurement (RF)



Electric Field Strength
Measurement (EF)



Magnetic Field Strength
Measurement (EMF)



This image illustrates the three primary measurement functions of the Tadeto TE029: Radio Frequency (RF), Electric Field (EF), and Magnetic Field (EMF) detection.

Taking Measurements:

1. Power on the device. The screen will show real-time readings for RF, EF, and EMF.
2. Point the top of the device towards the suspected radiation source for accurate readings. The device is directional, not omnidirectional.
3. Observe the digital readouts and the color-coded indicators (green, yellow, red) which represent low, medium, and high

radiation levels respectively.

EMF measurement



EF measurement



Examples of EMF measurement, demonstrating the meter's use near common household appliances such as a refrigerator and a washing machine.

Packing List

1x EMF Meter
1x Box

1x Manual
1x Charging Cable



Examples of Electric Field (EF) measurement, showing the meter's application near a wall outlet and a floor lamp.

Function Buttons:

- **MAX_EF / MAX_EMF / PEAK_RF:** Press these buttons to view the maximum recorded value for Electric Field, Magnetic Field, or Radio Frequency respectively. Press again to exit maximum value mode.
- **uT/mG:** Toggles the unit for Magnetic Field measurement between microtesla (uT) and milligauss (mG).
- **APO/HOLD:** Short press to activate/deactivate data hold, which freezes the current readings on the screen. Long press to toggle automatic power off.

- **Mute Key:** Toggles the audible alarm on or off.

MAINTENANCE

Cleaning:

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the casing or screen.

Battery Care:

The device uses a rechargeable Lithium Ion battery. To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if it will not be used for an extended period.

Storage:

Store the EMF meter in its protective storage box in a cool, dry place, away from direct sunlight and extreme temperatures. Keep out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery or no charge.	Charge the device using the provided USB cable. Ensure the charging indicator shows activity.
Readings seem inaccurate or fluctuate wildly.	Interference from other electronic devices; incorrect orientation; bursty signals.	Ensure the device is pointed directly at the source. Move away from other strong electronic devices. Note that some RF signals are inherently bursty.
Audible alarm sounds too frequently.	High radiation levels detected; alarm threshold exceeded.	Press the Mute Key to turn off the alarm sound. Consider relocating or reducing exposure to the source if levels are consistently high.
Screen is dim or unreadable.	Low battery; backlight off.	Charge the device. Ensure the backlight is active (if applicable, check manual for specific backlight control).

SPECIFICATIONS

- **Model Number:** TE029
- **Product Dimensions:** 3.94 x 1.77 x 6.89 inches
- **Weight:** 10.55 ounces
- **Battery:** 1 Lithium Ion battery (included)
- **Manufacturer:** Tadeto
- **Electromagnetic Intensity Range (MF):** 0.1-99.9 mG
- **MF Frequency Range:** 40HZ-200HZ
- **MF Alarm Threshold:** >5.0 mG
- **Electric Field Intensity Range (EF):** 1-999 V/M
- **EF Frequency Range:** 40HZ-100KHZ
- **EF Alarm Threshold:** >50 V/M
- **RF/Microwave Range (RF):** 20MHZ-6GHZ
- **RF Maximum Emission:** 19.999 mW/m²
- **RF Alarm Threshold:** >0.2 mW/m²

WARRANTY AND SUPPORT

Tadeto provides after-sales service for the TE029 EMF Meter. If you encounter any questions or issues with your device, please contact the professional after-sales team for assistance. Refer to the contact information provided with your purchase or on the official Tadeto website for support.