TESMEN Hound-200

TESMEN Hound-200 EMF Meter User Manual

Model: Hound-200 | Brand: TESMEN

1. Introduction

The TESMEN Hound-200 is a versatile 3-in-1 Electromagnetic Field (EMF) meter designed for detecting radiofrequency (RF), electric field (EF), and magnetic field (MF) strengths. This portable device provides precise measurements for various applications, including home inspections, office environment assessments, and general field detection. Its user-friendly design incorporates visual and audible alarms, along with multiple measurement modes for comprehensive data analysis.

2. Package Contents

Upon opening your TESMEN Hound-200 package, please ensure all the following items are present:

- 1x TESMEN Hound-200 EMF Meter
- 3x AAA Batteries
- 1x Storage Case
- 1x User Manual (this document)



Image: The TESMEN Hound-200 EMF Meter shown with its included accessories: three AAA batteries, a storage case, and the user manual.

3. Setup and Battery Installation

The TESMEN Hound-200 requires three AAA batteries for operation. These are included in your package.

1. Locate the battery compartment cover on the back of the device.
2. Gently slide or unclip the cover to open the compartment.

3. Insert three AAA batteries, ensuring correct polarity (+ and - ends match the markings inside the compartment).
4. Replace the battery compartment cover, ensuring it clicks securely into place.

The device is now ready for use.

4. Operating Modes and Functions

The Hound-200 features multiple detection modes and user-friendly functions accessible via its control buttons.

4.1 Power On/Off and Mute Function

- To power on the device, press the **Power/Mute** button (usually marked with a power symbol).
- A short press will turn the device on or off.
- A long press of the **Power/Mute** button will toggle the audible alarm (mute/unmute). The display lights will still change color according to radiation levels even when muted.

4.2 Detection Modes (RF, EF, MF)

The device can detect three types of electromagnetic fields:

- **RF Mode (Radiofrequency):** Detects signals from Wi-Fi, 5G (below 3.5GHz), and microwave ovens.
- **EF Mode (Electric Field):** Measures electric fields emitted by household appliances like televisions, induction cookers, and power lines.
- **MF Mode (Magnetic Field):** Measures magnetic fields from appliances such as refrigerators, washing machines, and computers.

Use the **FUNC** button to cycle through the different detection modes.



Image: The Hound-200 EMF Meter showing its capability to detect RF (from routers/cell phones), MF (from refrigerators/washing machines), and EF (from TVs/laptops/microwaves).

4.3 MAX Measurement, Peak Measurement, and Data Hold

- **MAX Measurement:** Press the **MAX** button to display the maximum measured value. This is useful for capturing peak radiation levels.
- **Data Hold:** Press the **HOLD** button to freeze the current reading on the display. Press again to release.



Image: The Hound-200 EMF Meter's display highlighting key features: field trend indicator, data hold, speaker on/off, and maximum measurement.

5. Visual and Audible Alarms

The Hound-200 provides immediate feedback on radiation levels through its multi-color backlight display and audible alerts.

- **Green Backlight:** Indicates safe radiation levels.
- **Orange Backlight:** Indicates alert levels, suggesting caution.
- **Red Backlight:** Indicates high radiation levels, recommending avoidance.
- **Audible Alarm:** A beeping sound accompanies alert and high-level readings. The intensity and frequency of the beeps increase with higher measured values. This can be toggled on/off with a long press of the Power/Mute button.



Image: The Hound-200 EMF Meter's display illustrating the three-color backlight system (green for safe, yellow for alert, red for severe) and the audible alarm feature.

6. Versatile Applications

The TESMEN Hound-200 is suitable for a wide range of detection scenarios:

- **Home and Office Inspections:** Identify high-radiation areas from household appliances, Wi-Fi routers, and power lines to optimize room layout and minimize exposure.
- **Outdoor Activities:** Assess electromagnetic environments in various outdoor settings.
- **Specialized Detection:** The device can be used for specialized applications such as paranormal investigations (ghost hunting) due to its sensitivity to subtle electromagnetic fluctuations.



Image: The Hound-200 EMF Meter in use, demonstrating its ability to detect electromagnetic fields from common electronic devices found in homes and offices.

Your browser does not support the video tag.

Video: A demonstration of a 3-in-1 EMF Meter's detection capabilities, showing its use in various environments and highlighting its features.

7. Specifications

Feature	Detail
Model Number	Hound-200
Detection Modes	Electric Field (EF), Magnetic Field (MF), Radiofrequency (RF)
Power Source	3x AAA Batteries (included)
Product Dimensions	5.5 x 3 x 14 cm
Product Weight	290 g
Display	2.26-inch LCD with 3-color backlight
Alarm Type	Visual (color change) and Audible (adjustable)
Special Functions	MAX Measurement, Peak Measurement, Data Hold, Automatic Shutdown, Low Battery Indicator

8. Safety Guidelines

While the Hound-200 provides valuable information on EMF levels, it is important to understand the readings and take appropriate precautions.

- Always maintain a safe distance from strong electromagnetic sources, especially when the device indicates alert (orange) or severe (red) levels.
- Do not rely solely on this device for medical advice or to diagnose health conditions related to EMF exposure. Consult with qualified professionals for health concerns.
- Keep the device dry and away from extreme temperatures to ensure accurate readings and longevity.
- Do not attempt to open or modify the device, as this may void the warranty and pose safety risks.

9. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the screen to ensure continuous and accurate operation. Dispose of used batteries responsibly.
- **Storage:** When not in use for extended periods, remove the batteries and store the device in its provided storage case in a cool, dry place.

10. Troubleshooting

If you encounter issues with your TESMEN Hound-200, please refer to the following common solutions:

- **Device does not power on:**
  - Check if the batteries are inserted correctly with the right polarity.
  - Replace with fresh AAA batteries.
- **Inconsistent or erratic readings:**
  - Ensure the device is not near other strong electronic devices that might interfere with readings.
  - Check battery level; low batteries can affect performance.
- **Audible alarm not working:**
  - Long press the Power/Mute button to ensure the alarm is not muted.

If problems persist, please contact TESMEN customer support for further assistance.

11. Warranty and Support

TESMEN products are designed for reliability and performance. For specific warranty details and customer support, please refer to the warranty card included in your product packaging or visit the official TESMEN website. Keep your purchase receipt as proof of purchase for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question