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› LiebeWH Indoor Air Quality Monitor (Model ZN-MT26) User Manual

LiebeWH ZN-MT26

LiebeWH Indoor Air Quality Monitor (Model ZN-MT26) User Manual

Your guide to understanding and operating your air quality monitor.

1. INTRODUCTION

The LiebeWH Indoor Air Quality Monitor is a portable smart device designed to provide comprehensive environmental data. It accurately detects six key parameters: PM2.5, HCHO (Formaldehyde), TVOC (Total Volatile Organic Compounds), CO2 (Carbon Dioxide), temperature, and humidity. This manual will guide you through the setup, operation, and maintenance of your device.



Figure 1: The LiebeWH Indoor Air Quality Monitor in use, showing its display with various air quality readings.

2. KEY FEATURES

- **Multi-Functional Air Analysis:** Detects PM2.5, HCHO, TVOC, CO2, temperature, and humidity using advanced sensors.
- **Extended Portable Operation:** Equipped with a 1200mAh lithium battery and Type-C charging for cordless use.
- **Instant Visual Feedback:** High-definition color screen displays real-time data with intuitive color warnings.
- **Durable ABS Housing:** Constructed from wear-resistant ABS material for lasting durability and stable sensor operation.
- **Lightweight and Ergonomic:** Weighs 192g, designed for easy handling and portability.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x LiebeWH Indoor Air Quality Monitor (Model ZN-MT26)
- 1 x USB Type-C Charging Cable
- 1 x User Manual (this document)

4. SETUP

4.1 Charging the Device

Before first use, fully charge the device. Connect the provided USB Type-C cable to the charging port on the side of the monitor and plug the other end into a standard USB power adapter (not included) or a computer USB port. A full charge takes approximately 4 hours.



Figure 2: The Type-C charging port located on the side of the air quality monitor.

4.2 Initial Placement

Place the monitor on a stable, flat surface in the area you wish to test. Avoid placing it near direct heat sources, open windows, or areas with strong airflow, as this may affect sensor accuracy.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press and hold the power button (usually located on the side or top) for a few seconds to turn the device on or off. The screen will illuminate upon startup.

5.2 Button Functions

The device features a multi-function button for various settings:

- **Press once:** Switches temperature display units (e.g., Celsius to Fahrenheit).
- **Press twice:** Toggles sound alerts on or off.
- **Press three times:** Enters calibration mode. Refer to advanced settings for calibration procedures.
- **Press four times:** Enters sleep mode. Press once again to wake up the device.

5.3 Understanding the Display

The high-definition color screen provides real-time readings for all detected parameters. The display includes:

- **PM2.5:** Particulate Matter 2.5 micrometers ($\mu\text{g}/\text{m}^3$)
- **HCHO:** Formaldehyde (mg/m^3)
- **TVOC:** Total Volatile Organic Compounds (mg/m^3)
- **CO2:** Carbon Dioxide (PPM)
- **Temperature:** Current ambient temperature ($^{\circ}\text{C}$ or $^{\circ}\text{F}$)
- **Humidity:** Relative humidity (%)
- **Battery Level:** Indicates remaining battery charge.
- **Air Quality Grade:** A color-coded indicator (Green, Yellow, Orange, Red) to visually represent overall air quality.

Six tests displayed in real time

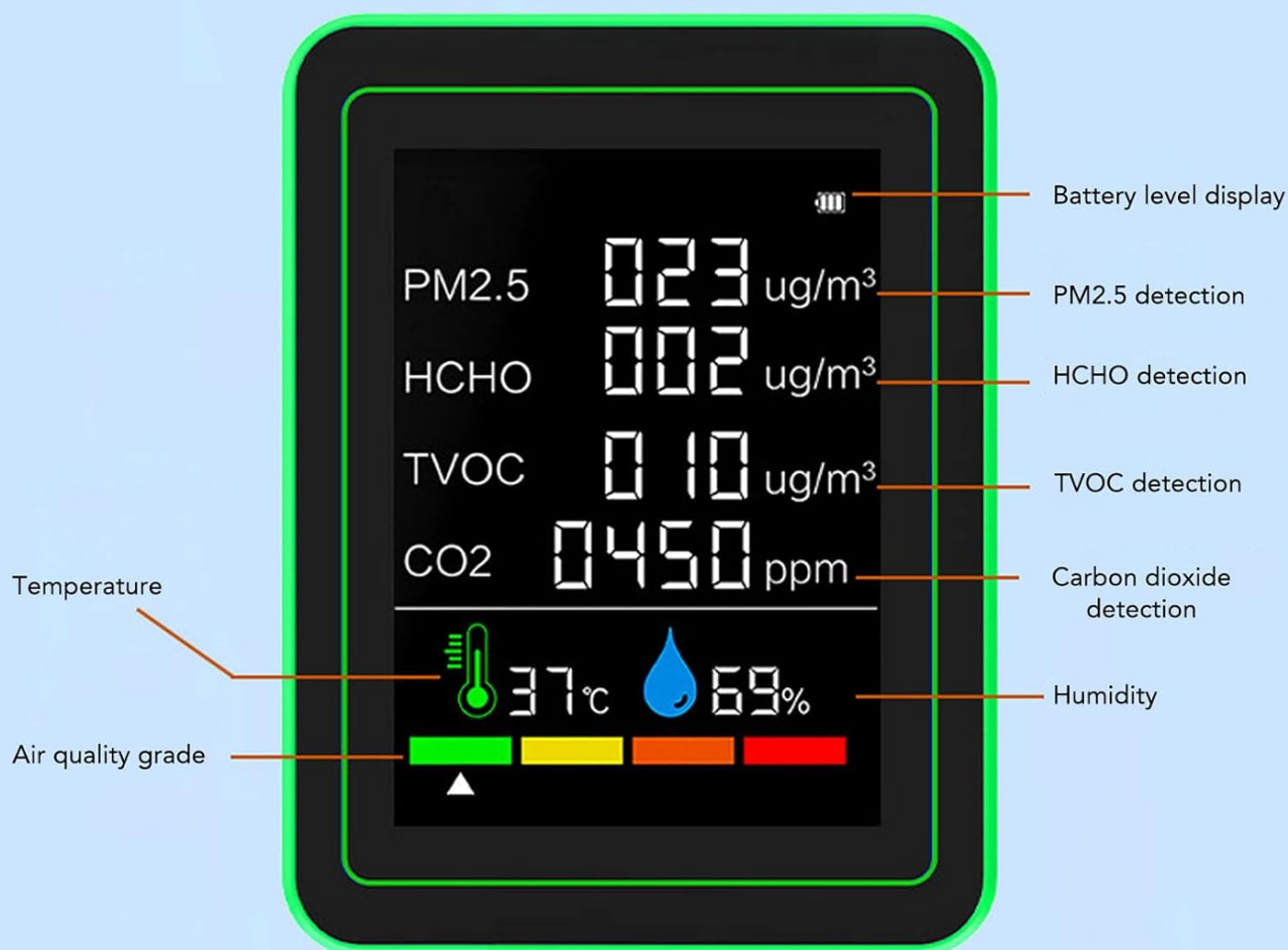


Figure 3: Detailed view of the monitor's display, highlighting each measurement and indicator.

6. SPECIFICATIONS

Parameter	Value
Model	ZN-MT26
Display	Color screen digital display
Charging Method	500mA TYPE-C USB
Sensor Type	PM2.5 infrared sensor and semiconductor sensor
Battery	1 x rechargeable Li-ion battery 1200mAh
Charging Time	Approximately 4 hours

Parameter	Value
Standby Time	Approximately 300-360 minutes
PM2.5 Detection Range	0-999 ug/m ³
HCHO Detection Range	0-1.999 mg/m ³
TVOC Detection Range	0-9.999 mg/m ³
CO2 Detection Range	400-5000 PPM
Dimensions	Approx. 90 x 70 x 35mm / 3.54 x 2.76 x 1.38in
Weight	192 g / 6.8 oz
Material	ABS



Figure 4: Physical dimensions of the air quality monitor.



Figure 5: Rear label of the monitor, indicating model ZN-MT26 and charging specifications.

7. MAINTENANCE

7.1 Cleaning

To clean the device, gently wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the device in water. Ensure the device is powered off before cleaning.

7.2 Storage

When not in use for extended periods, store the monitor in a cool, dry place away from direct sunlight and extreme temperatures. It is recommended to charge the device periodically to maintain battery health.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on	Low battery; device not charged.	Charge the device using the provided USB Type-C cable for at least 4 hours.
Inaccurate readings	Sensor interference; device not calibrated; placed in an unsuitable environment.	Move the device away from strong air currents, chemicals, or direct heat. Perform a calibration if necessary (refer to section 5.2).
Screen is blank or frozen	Software glitch; low battery.	Try restarting the device by holding the power button. If unresponsive, charge the device.

9. WARRANTY AND SUPPORT

The LiebeWH Indoor Air Quality Monitor comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact LiebeWH customer service through the retailer where the product was purchased or visit the official LiebeWH website.

Contact Information:

Website: [LiebeWH Official Store on Amazon](#)

Email: Refer to product packaging or official website for support email.

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