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Temtop M10

Temtop M10 Air Quality Monitor User Manual

Model: M10

1. INTRODUCTION

Thank you for choosing the Temtop M10 Air Quality Monitor. This device is designed to provide accurate and reliable measurements of various indoor air pollutants, helping you maintain a healthier living environment. It features advanced sensor technology to detect PM2.5, AQI, HCHO (Formaldehyde), and TVOC (Total Volatile Organic Compounds).

2. PRODUCT OVERVIEW

The Temtop M10 is a compact and intelligent 4-in-1 air quality monitor. Its user-friendly design allows for efficient measurement and comprehensive assessment of indoor air quality based on four key indicators. The device is equipped with high-sensitivity laser PM2.5 sensors and British Dart formaldehyde sensors for precise and reliable detection.

Temtop

Your Experts in Air Quality



High Efficiency Sensors
powered by Temtop/Dart



Cost-Effective Monitoring
AQI/PM2.5/TVOC/HCHO



Intuitive Operation



Clear Display



Elegant Design

Image: Temtop M10 Air Quality Monitor showing PM2.5 readings and highlighting its high-efficiency sensors, intuitive operation, clear display, and elegant design.

3. KEY FEATURES

- **4-in-1 Multifunction Monitor:** Accurately monitors PM2.5, AQI, HCHO, and TVOC for a comprehensive indoor air quality assessment.
- **Advanced Components:** Utilizes high-sensitivity PM2.5 laser sensors and British Dart formaldehyde sensors for accurate and reliable detection.
- **Easy Operation:** A single button controls power on/off and interface switching.
- **3-Color LED Indicator:** Built-in LED light conveniently indicates air quality levels from healthy to unhealthy.
- **Long Sensor Lifespan:** PM2.5, HCHO, and TVOC sensors are designed for a 3-year lifespan.

4. PACKAGE CONTENTS

Upon opening the package, please ensure all the following items are present and in good condition:

- Temtop M10 Air Quality Monitor Unit
- Charging Cable (Micro USB)
- Reset Pin



Image: The Temtop M10 Air Quality Monitor, its micro USB charging cable, a reset pin, and the user manual, all neatly arranged next to the product box.

5. DEVICE LAYOUT

Familiarize yourself with the different parts of your Temtop M10 monitor:

Monitor Your Air Quality with Ease

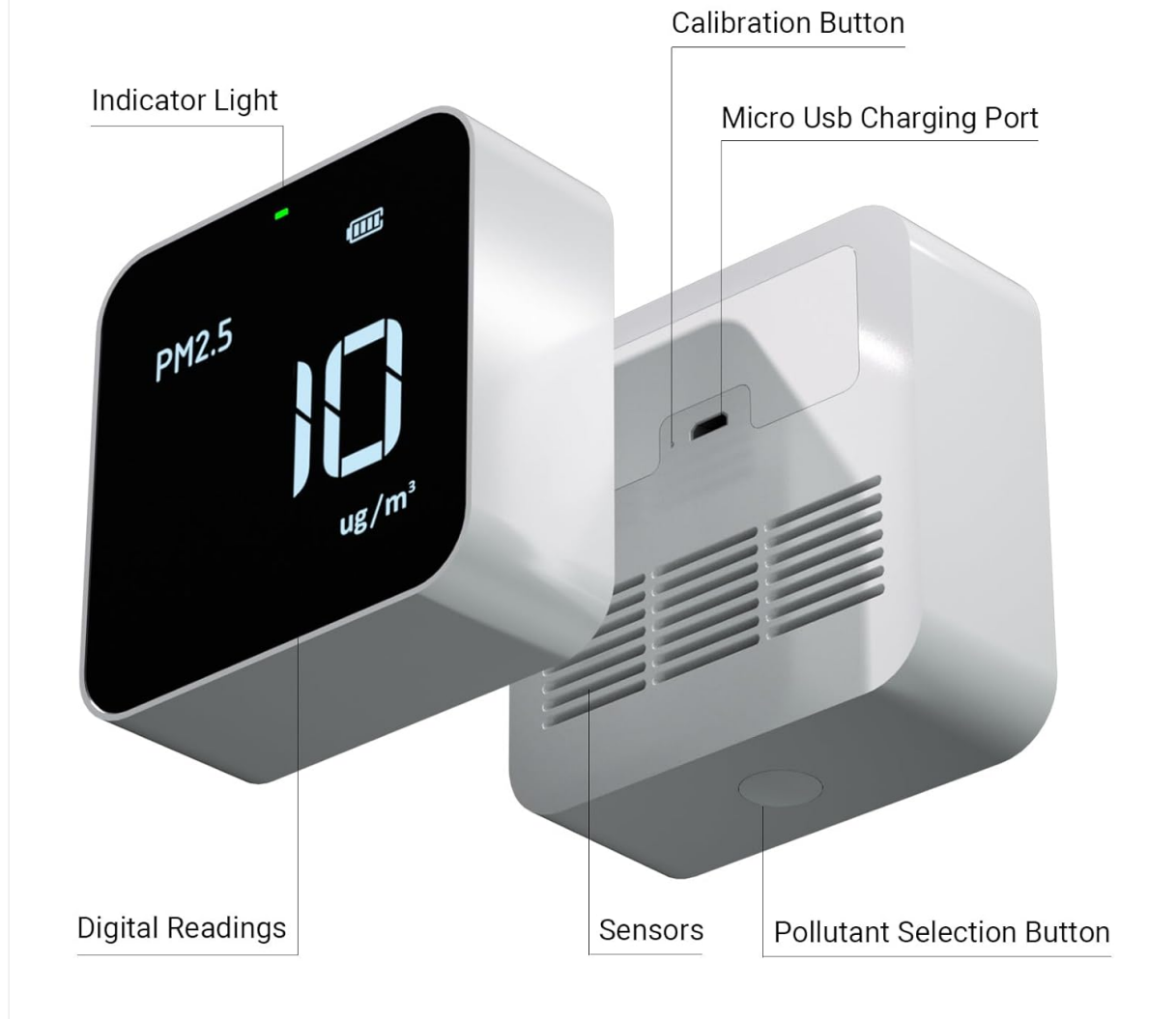


Image: A detailed diagram of the Temtop M10 Air Quality Monitor, labeling its key components including the indicator light, Micro USB charging port, digital readings display, sensors, and the pollutant selection button.

- **Indicator Light:** Provides a quick visual cue of the overall air quality.
- **Micro USB Charging Port:** Used to charge the device.
- **Digital Readings:** Displays the measured values for various pollutants.
- **Sensors:** Located on the side/back for detecting air quality parameters.
- **Pollutant Selection Button:** Used to cycle through different measurement displays.

6. SETUP

6.1 Initial Charging

1. Before first use, fully charge the device using the provided Micro USB cable and a compatible DC5V power adapter (not included).
2. Connect the Micro USB cable to the charging port on the device and the other end to a USB power source.
3. The battery indicator on the display will show charging status. A full charge typically takes approximately 6 hours.

6.2 Power On/Off

- To power on the device, press and hold the main button (pollutant selection button) for a few seconds until the display lights up.
- To power off the device, press and hold the same button until the display turns off.

7. OPERATING INSTRUCTIONS

7.1 Monitoring Air Quality

Once powered on, the device will automatically begin measuring air quality parameters. Allow a few minutes for the sensors to stabilize and provide accurate readings.

7.2 Switching Display Modes

Press the main button (pollutant selection button) briefly to cycle through the different air quality parameters displayed on the screen: PM2.5, AQI, HCHO, and TVOC.

7.3 Understanding the LED Indicator

The built-in 3-color LED light provides a quick visual indication of the overall air quality:

- **Green:** Good air quality.
- **Yellow:** Moderate air quality.
- **Red:** Unhealthy air quality.

8. UNDERSTANDING READINGS

The Temtop M10 measures the following parameters:

- **PM2.5:** Particulate Matter 2.5 micrometers or less in diameter. High levels can indicate poor air quality.
- **AQI:** Air Quality Index, a numerical scale used to report daily air quality.
- **HCHO:** Formaldehyde, a common indoor air pollutant.
- **TVOC:** Total Volatile Organic Compounds, a group of chemicals that can be harmful to health.

Refer to local air quality guidelines for specific recommendations based on the readings.

9. MAINTENANCE

9.1 Cleaning

Wipe the device gently with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.

9.2 Sensor Care

To ensure optimal performance and longevity of the sensors, avoid exposing the device to extreme temperatures, high humidity, or direct sunlight for extended periods. Do not block the sensor vents.

10. TROUBLESHOOTING

- **Device not turning on:** Ensure the device is fully charged. If the issue persists, try resetting the device using the provided reset pin.
- **Inaccurate readings:** Allow the device to stabilize for several minutes after powering on. Ensure the sensor vents are not obstructed. If readings seem consistently off, consider moving the device to a different location or performing a factory reset if available (refer to advanced settings).
- **Short battery life:** Ensure the device is fully charged. Battery life can vary based on usage patterns and

environmental conditions.

11. SPECIFICATIONS



Image: The Temtop M10 Air Quality Monitor with dimensions indicated: 8.2cm x 8.2cm x 3.1cm.

Parameter	Value
Weight	0.2 kg (0.4 lbs)
Dimensions (L x W x H)	8.2 cm x 8.2 cm x 3.1 cm (3.2 x 3.2 x 1.21 mm in original description, adjusted to match image)
Battery Capacity	2200 mAh
Battery Life	Approx. 6 hours
Input Voltage	DC 5V
Input Current	0.5-1A
PM2.5 Measurement Range	0~999 ug/m ³
PM2.5 Sensor Lifespan	3 years

Parameter	Value
HCHO Measurement Range	0~2 mg/m ³
HCHO Resolution	0.01 mg/m ³
HCHO Sensor Lifespan	3 years
TVOC Measurement Range	0~5 mg/m ³
TVOC Resolution	0.01 mg/m ³
TVOC Sensor Lifespan	3 years
Sensor Type	Electrochemical
Material	Plastic, Metal
Alarm	Indicator Light
Upper Temperature Rating	122 °F

12. WARRANTY AND SUPPORT

The Temtop M10 Air Quality Monitor comes with a 12-month warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, troubleshooting assistance, or warranty claims, please contact Temtop customer service.

Our support team is available 24/7 via email and phone to ensure your satisfaction and peace of mind.

Please retain your proof of purchase for warranty validation.