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› Temtop Smart Air Quality Monitor S1+ User Manual

Temtop S1+

Temtop Smart Air Quality Monitor S1+ User Manual

Model: S1+

1. INTRODUCTION

Thank you for choosing the Temtop Smart Air Quality Monitor S1+. This device is designed to provide accurate and reliable measurements of indoor air quality, including PM2.5, AQI (Air Quality Index), temperature, and humidity. With its smart features and long battery life, the S1+ helps you maintain a healthier and more comfortable indoor environment.

2. WHAT'S IN THE BOX

- Temtop Smart Air Quality Monitor S1+
- Type-C Charging Cable
- Magnetic Bracket
- User Manual



Figure 2.1: Package contents of the Temtop S1+ Air Quality Monitor. The image displays the monitor, its storage box, a Type-C charging cable, a magnetic bracket, and the user manual.

3. PRODUCT OVERVIEW

The Temtop S1+ features a clear display and intuitive controls. Familiarize yourself with the components and indicators:

Monitor Your Air Quality with Ease



1. Long Press  for monitor on/off, click to activate Bluetooth, and double-click to toggle the buzzer.
2. Short Press  to Toggle Modes, Long Press  to Switch °C/°F
3. Simultaneously Long Press  and  to Enter Auto-Calibration State

Figure 3.1: Front and side view of the Temtop S1+ monitor with key components labeled. These include the Battery level, Indicator bar, Type-C port, Magnetic back, Power button, Mode button, Work mode, Time, PM2.5 level, AQI level, and Temperature & Humidity level.

- **Display Screen:** Shows PM2.5, AQI, Temperature, Humidity, Time, Work Mode, and Battery Level.
- **Indicator Bar:** A 3-color bar (Green, Orange, Red) visually representing air quality levels.
- **Power Button:** Long press to turn on/off. Short press to activate Bluetooth. Double-click to toggle the buzzer.
- **Mode Button:** Short press to switch between display modes. Long press to switch between Celsius/Fahrenheit.
- **Type-C Port:** For charging the device.
- **Magnetic Back:** Allows for easy attachment to magnetic surfaces.
- **Bracket:** Provides a stable stand for desktop placement.

4. SETUP

4.1. Initial Charging

Before first use, fully charge the device using the provided Type-C charging cable. Connect the cable to the Type-C port on the monitor and a compatible USB power adapter (not included). The battery indicator on the display will show charging status.

4.2. Powering On/Off

To power on the device, long press the Power button. To power off, long press the Power button again until the display turns off.

4.3. App Connectivity (BLE)

The S1+ supports Bluetooth Low Energy (BLE) for app integration. Download the official Temtop app from your smartphone's app store. Once installed, open the app and follow the on-screen instructions to pair your device. Short press the Power button on the monitor to activate Bluetooth for pairing.



Figure 4.1: The Temtop S1+ monitor connected to its companion mobile application, demonstrating real-time data synchronization for PM2.5, AQI, temperature, and humidity.

5. OPERATING INSTRUCTIONS

5.1. Understanding Display Readings

The monitor displays the following key air quality parameters:

- **PM2.5:** Particulate Matter 2.5 micrometers or less in diameter (in $\mu\text{g}/\text{m}^3$).

- **Display Modes:** Short press the Mode button to cycle through different display modes (e.g., showing different combinations of parameters or historical data).
- **Temperature Units:** Long press the Mode button to switch between Fahrenheit (°F) and Celsius (°C).

5.4. Buzzer Alarm

The device is equipped with a built-in buzzer alarm that activates when PM2.5 levels reach unhealthy thresholds. To toggle the buzzer on or off, double-click the Power button.

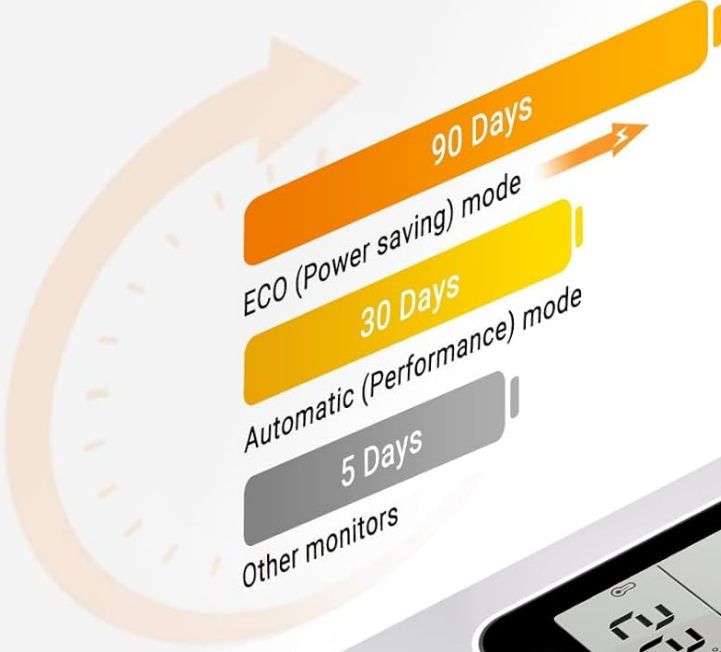
5.5. Battery Life and Usage Tips

The S1+ offers up to 60 days of battery life on a single charge due to its energy-saving features. For continuous real-time monitoring, it is recommended to keep the device plugged in.



Experience Seamless Monitoring

90 Days of Continuous Observation



*Based on Temtop laboratory data, actual performance may vary with environmental conditions.

Figure 5.2: The S1+ offers extended battery life, with up to 90 days in ECO (Power saving) mode and 30 days in Automatic (Performance) mode, significantly longer than typical monitors (5 days).

6. MAINTENANCE

6.1. Cleaning

To ensure accurate readings and prolong the device's lifespan, regularly clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or allow water to enter the device.

6.2. Calibration

The S1+ supports device calibration. Refer to the Temtop app for specific instructions on how to perform calibration to maintain measurement accuracy over time. Simultaneously long press the Power and Mode buttons to enter Auto-Calibration State.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery; Device malfunction	Charge the device fully. If problem persists, contact support.
Inaccurate readings	Sensor obstruction; Device needs calibration; Extreme environmental conditions	Ensure sensor vents are clear. Perform calibration via app. Move device to a stable environment.
Cannot connect to app	Bluetooth off; App issue; Device not in pairing mode	Ensure Bluetooth is enabled on phone and monitor. Restart app and monitor. Try re-pairing.
Buzzer not working	Buzzer is off	Double-click the Power button to toggle the buzzer on.

8. SPECIFICATIONS

- **Model Number:** S1+
- **Product Dimensions:** 1.26 x 4.17 x 5.43 inches; 5.61 ounces
- **Battery:** 1 Lithium Ion battery (included), Built-in Rechargeable
- **Upper Temperature Rating:** 55 Degrees Celsius
- **Temperature Accuracy:** 0.5
- **Manufacturer:** Elitech
- **Country of Origin:** China

9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact Elitech Technology Inc., the manufacturer of your Temtop S1+ Air Quality Monitor. Refer to the contact information provided in your product packaging or visit the official Temtop website for assistance.

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