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Temtop M10+ child 02

Temtop M10+ Indoor Air Quality Monitor

USER MANUAL

Introduction

The Temtop M10+ is a versatile indoor air quality monitor designed to provide real-time insights into your home environment. It accurately detects key air quality parameters including Carbon Dioxide (CO2), Particulate Matter 2.5 (PM2.5), Total Volatile Organic Compounds (TVOC), temperature, and humidity. With its intuitive display and app connectivity, the M10+ helps you maintain a healthier living space.

What's in the Box

- Temtop M10+ Air Quality Monitor
- USB-C Charging Cable
- User Manual
- Storage Box

Image: Temtop M10+ package contents, showing the monitor, charging cable, user manual, and storage box.

Product Overview

The Temtop M10+ features a clear e-ink display for easy readability and a compact, stylish design suitable for any home. It integrates multiple advanced sensors to provide comprehensive air quality data.

Image: Front display of the M10+ showing various air quality metrics.

Key Indicators Monitored:

- **PM2.5:** Particulate Matter 2.5 microns or less in diameter.
- **CO2:** Carbon Dioxide levels.
- **TVOC:** Total Volatile Organic Compounds.
- **AQI:** Air Quality Index.
- **Temperature:** Ambient temperature.
- **Humidity:** Relative humidity.

Image: Visual representation of the M10+'s six integrated sensors.

Device Buttons and Ports:

- **Top Button:** Used for various functions (e.g., turning on Bluetooth, toggling buzzer, switching temperature units).
- **USB-C Port:** For charging the device.

Image: Back of the M10+ device, highlighting the button and charging port.

Setup

1. Initial Charging:

Before first use, fully charge the M10+ using the provided USB-C cable and a standard USB power adapter (not included). A full charge typically takes 4-5 hours.

2. Powering On:

Press and hold the top button for a few seconds until the display illuminates.

3. App Connection (BLE):

For real-time data, historical analysis, and calibration, download the Temtop app from the App Store (iOS) or Google Play Store (Android). Ensure Bluetooth is enabled on your smartphone and follow the in-app instructions to connect to your M10+ device.

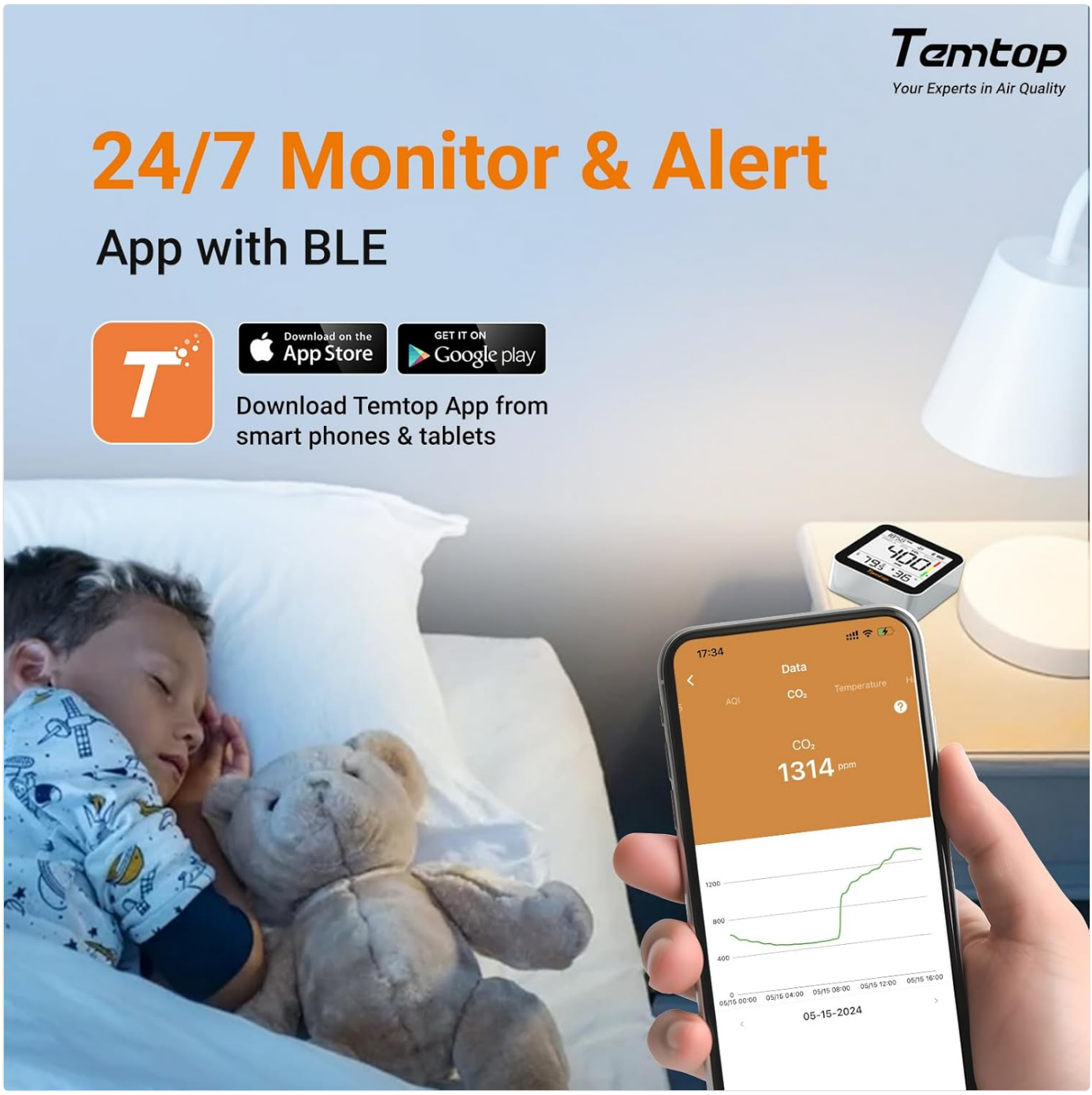

Image: Temtop app interface and download options.

Image: Detailed view of the Temtop app displaying air quality metrics.

Operating the Device

Reading the Display:

The e-ink display shows current readings for all monitored parameters. A color-coded indicator bar (red, yellow, green) provides a quick visual assessment of air quality (Poor, Fair, Good).

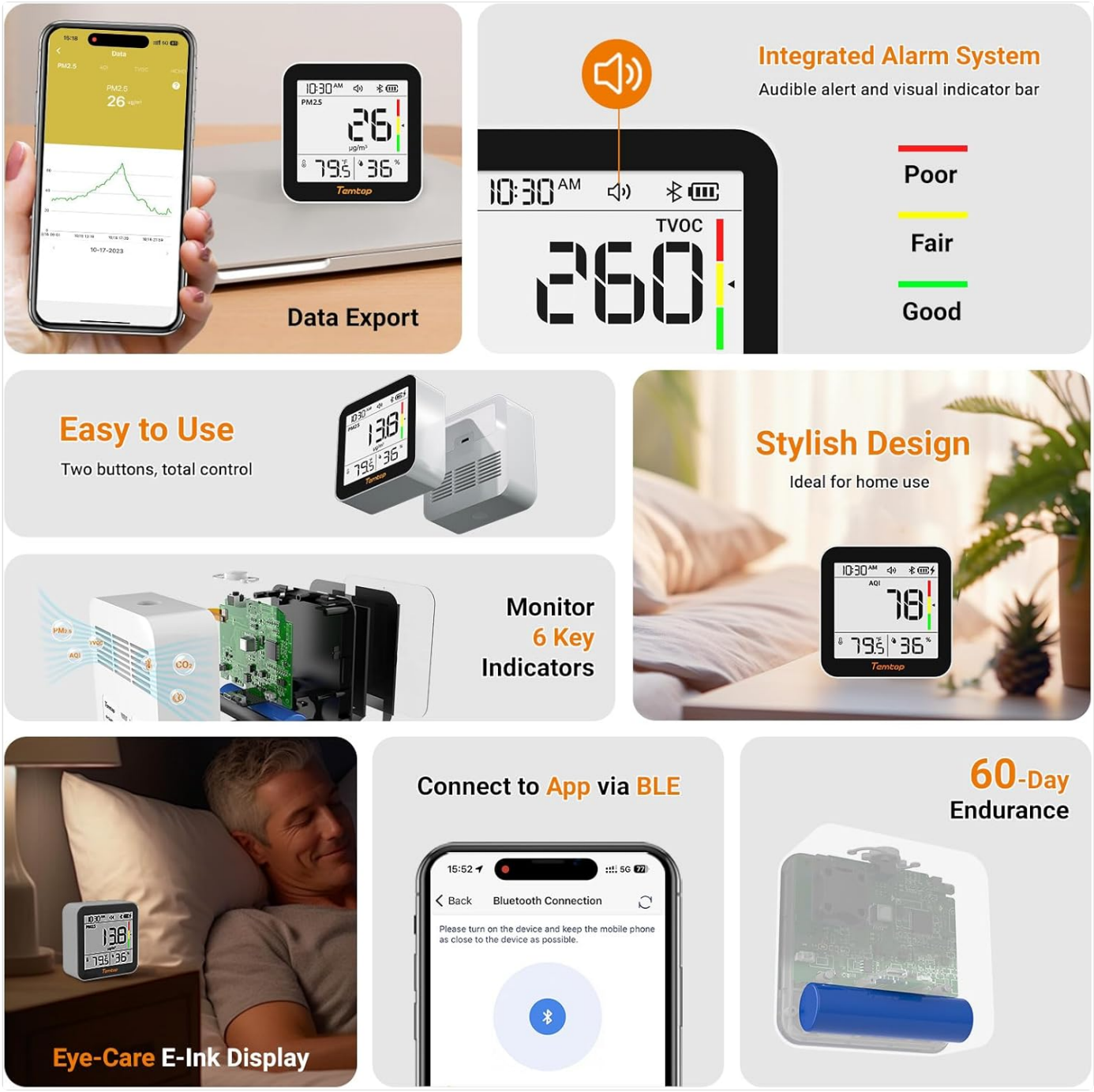

Image: Overview of M10+ features including display and alarm system.

Alarm System:

The M10+ features an integrated alarm system with an audible alert and visual indicator bar. When air quality levels exceed predefined thresholds, the device will alert you.

- **Click the top button:** Turn on Bluetooth.
- **Double click the top button:** Turn on/off the buzzer.
- **Press and hold the top button for 3 seconds:** Switch temperature unit (°F/°C).

Image: The M10+ alarm system in action, promoting healthy breathing.

Maintenance

Battery Life and Charging:

The M10+ is designed for extended use with an energy-efficient algorithm and e-ink display. It can operate for up to 60 days on a single charge in fixed display mode, or 40 days in auto loop mode. Recharge the device when the battery indicator is low.

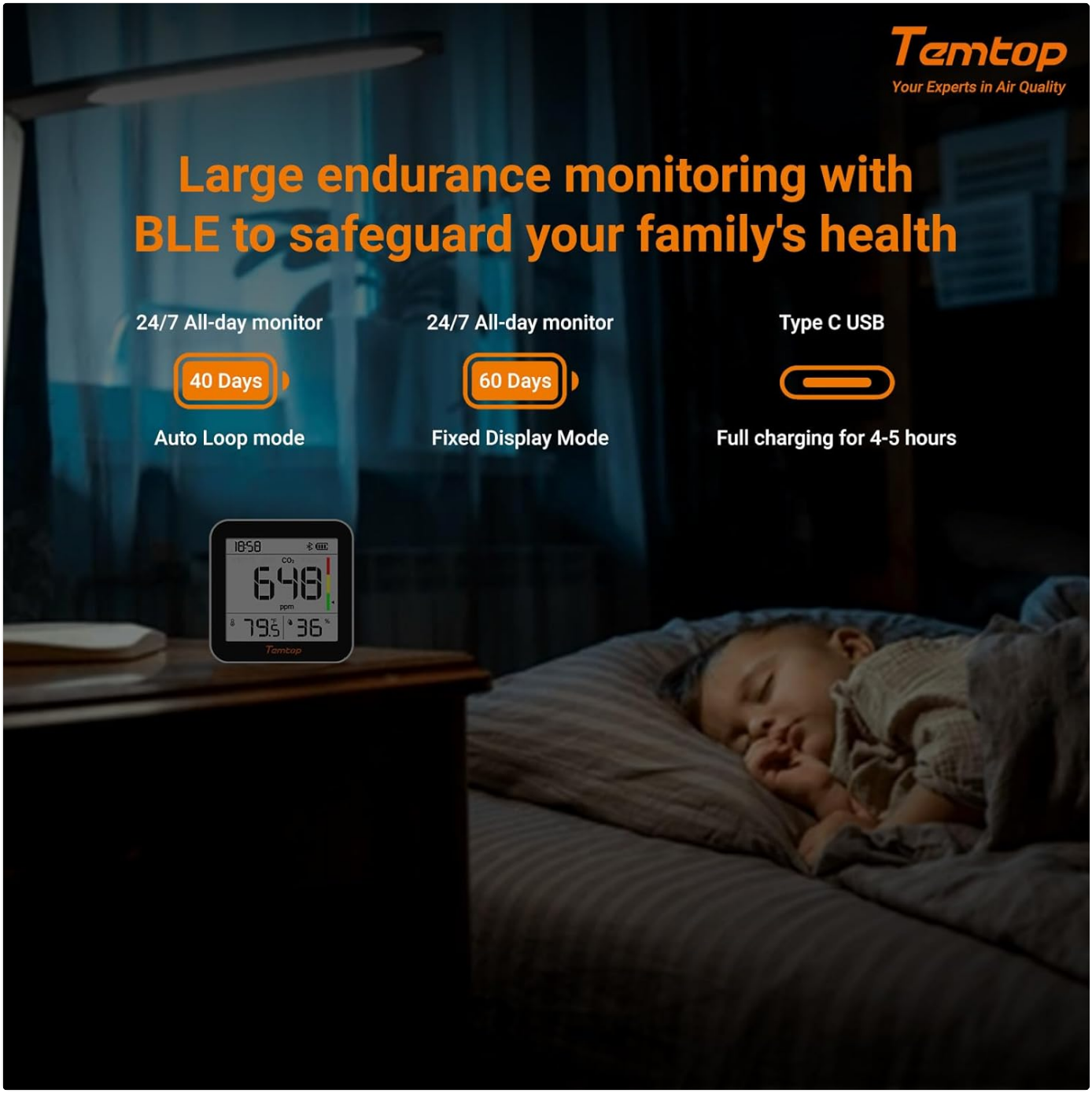

Image: Battery endurance and charging details for the M10+.

Cleaning:

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

Troubleshooting

- **Device not turning on:** Ensure the device is fully charged. Connect it to a power source and try again.
- **Bluetooth connectivity issues:**
  - Ensure Bluetooth is enabled on both the M10+ (single click top button) and your smartphone.
  - Make sure the device is within the Bluetooth range (approx. 30 feet).
  - Restart both the M10+ and your smartphone.
  - If the app loses connection, you may need to press the reset button on the unit right after it starts up and reconnect via Bluetooth settings.

- **Inaccurate readings:**
  - Allow the device to stabilize for a few minutes after powering on.
  - Perform sensor calibration through the Temtop app if you have trusted reference sensors.
  - Ensure the device is placed in an area with good air circulation, away from direct drafts or heat sources.
- **Alarm not sounding:** Double-click the top button to ensure the buzzer is turned on.

Specifications

Feature	Detail
Model Number	M10+ child 02
Monitored Parameters	CO2, PM2.5, TVOC, Temperature, Humidity, AQI
Display Type	E-ink Display
Power Source	Battery Powered (Lithium Ion)
Battery Life	Up to 60 days (fixed display mode)
Charging Time	4-5 hours
Connectivity	Bluetooth Low Energy (BLE)
Item Weight	14.4 ounces (approx. 0.9 lbs)
Package Dimensions	3.2 x 3.2 x 1.2 inches
Measurement Accuracy	5%

Warranty and Support

Temtop products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the official Temtop website or contact their customer service directly. Temtop has over 10 years of experience in developing air quality sensors and serves over one million users worldwide.
You can also visit the Temtop Store on Amazon for more information and product updates.

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Related Documents

	Temtop S1+ Air Quality Monitor User Manual Comprehensive user manual for the Temtop S1+ Air Quality Monitor, detailing features, specifications, operation, and troubleshooting for monitoring PM2.5 and AQI.

	[Temtop P100/M100 Air Station User Manual: Comprehensive Air Quality Monitoring] User manual for the Temtop P100 and M100 Air Stations. Learn about monitoring PM2.5, PM10, CO2, temperature, and humidity with detailed explanations, specifications, and operational guides.
	[Temtop S1 Air Quality Monitor User Manual - PM2.5 & AQI Detector] Comprehensive user manual for the Temtop S1 Air Quality Monitor. Learn about PM2.5, AQI, temperature, and humidity readings, device specifications, operation, troubleshooting, and warranty information.
	[Temtop M2000 Series Air Quality Monitor User Manual] User manual for the Temtop M2000 Series Air Quality Monitor, detailing its features, operation, specifications, and maintenance.