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› TROMAR 9-in-1 Air Quality Monitor User Manual

TROMAR VT-9IN1

TROMAR 9-in-1 Air Quality Monitor User Manual

Model: VT-9IN1

INTRODUCTION

Thank you for choosing the TROMAR 9-in-1 Air Quality Monitor. This device is designed to provide real-time detection of various air pollutants and environmental factors, ensuring you have a clear understanding of your indoor air quality. Please read this manual carefully before use to ensure proper operation and maintenance.



Image: The TROMAR 9-in-1 Air Quality Monitor, showing its digital display with readings for temperature, humidity, HCHO, TVOC, PM2.5, PM10, CO, CO2, and AQI.

KEY FEATURES

- **9-in-1 Detection:** Monitors CO2, CO, HCHO, TVOC, PM2.5, PM10, Temperature, Humidity, and AQI.
- **Real-time Monitoring:** Provides instant readings for comprehensive air quality assessment.
- **Easy Operation:** Simple interface with no complex app or Wi-Fi required.
- **Portable Design:** Compact and lightweight, suitable for various indoor and outdoor environments.
- **Rechargeable Battery:** Built-in 1500mAh battery with Type-C USB charging, offering 4-6 hours of operation.

- **Clear Screen Display:** Easy-to-read screen for quick air quality assessment.

Air Quality Monitor



Image: A detailed diagram of the TROMAR Air Quality Monitor, highlighting and labeling its various components such as Speech State, Temperature, HCHO Concentration, PM2.5 Concentration, CO Concentration, AQI, Buzzer Switch, Mute On/Off, Function Keys, Air Quality Level, CO2 Concentration, PM10 Concentration, TVOC Concentration, Humidity, and Battery Capacity.

SETUP

Unpacking

Carefully remove the air quality monitor and all accessories from the packaging. Ensure all items listed in the packing list are present:

- 1 x TROMAR Air Quality Monitor
- 1 x USB Charging Cable (Type-C)
- 1 x User Manual

Charging the Device

Before first use, fully charge the monitor. Connect the provided USB Type-C charging cable to the device's charging port and the other end to a standard USB power adapter (not included) or a computer USB port.

- The battery indicator on the display will show charging status.
- A full charge typically takes approximately 2-3 hours.
- The device can operate for 4-6 hours on a full charge.



Protect Your Family

Image: The TROMAR Air Quality Monitor with its USB Type-C charging port visible, connected to a charging cable, illustrating the charging process.

OPERATING INSTRUCTIONS

Power On/Off

- To power on, press and hold the **Power button** (usually the middle button) for 3 seconds.
- To power off, press and hold the **Power button** again for 3 seconds.

Understanding the Display

The monitor features a clear screen that displays all detected parameters simultaneously. Readings are updated in real-time.

Display Parameters Overview

Parameter	Unit	Description
HCHO	mg/m ³	Formaldehyde concentration
TVOC	mg/m ³	Total Volatile Organic Compounds concentration
TEMP	°C	Ambient Temperature
HUMI	% RH	Relative Humidity
CO2	PPM	Carbon Dioxide concentration
CO	PPM	Carbon Monoxide concentration
PM2.5	ug/m ³	Fine Particulate Matter concentration (2.5 micrometers)
PM10	ug/m ³	Coarse Particulate Matter concentration (10 micrometers)
AQI	Index	Air Quality Index (overall air quality)

Button Functions

- **Buzzer Switch Button (Left):** Press to toggle the audible alarm on or off.
- **Power Button (Middle):** Press and hold to power on/off. Short press for certain function adjustments (refer to specific model features).
- **Function Key (Right):** Used for navigating menus or changing display modes if applicable. Refer to on-screen prompts.



24-HOUR CONTINUOUS MONITORING OF AIR QUALITY:



BUILT-IN 1500MAH



USB RECHARGEABLE



STANDBY 4 HOURS

Image: A close-up of the TROMAR Air Quality Monitor's clear digital display, showing various air quality parameters and their readings, emphasizing readability.

MAINTENANCE

Cleaning

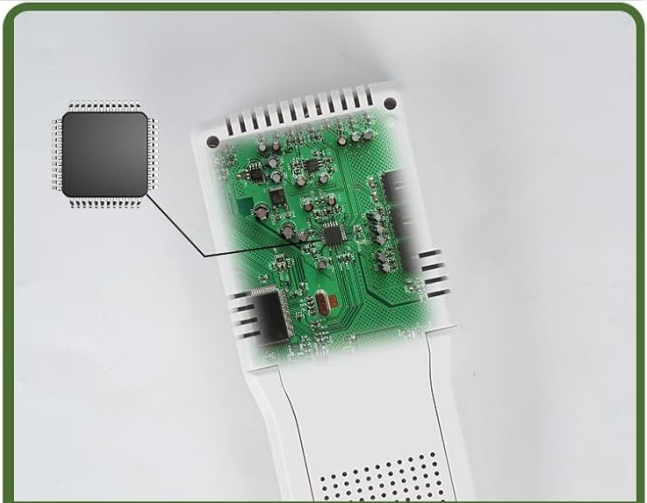
- Wipe the device with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or strong chemicals, as these may damage the casing or internal components.
- Ensure the ventilation holes are clear of dust and debris for accurate readings.

Storage

- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan.



USB CHARGE



PRECISE DETECTION



SOLID SHELL



CLEAR SCREEN DISPLAY

Image: The TROMAR Air Quality Monitor being splashed with water, demonstrating its solid shell construction. While durable, direct water exposure should be avoided for optimal performance.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device not charged.	Connect the device to a power source using the USB Type-C cable and allow it to charge for at least 30 minutes before attempting to power on again.
Inaccurate readings.	Ventilation holes blocked; device not calibrated (if applicable); extreme environmental conditions.	Ensure ventilation holes are clear. Move the device to a stable environment. If issues persist, contact customer support.

Problem	Possible Cause	Solution
Short battery life.	Battery not fully charged; aging battery.	Ensure the device is fully charged before use. Battery performance may degrade over time.
Screen is blank or frozen.	Software glitch; low battery.	Try restarting the device by holding the power button. If it doesn't respond, connect to charger. If issue persists, contact support.

SPECIFICATIONS

Parameter	Value
Model Number	VT-9IN1
HCHO Range	0-9.999 mg/m ³
TVOC Range	0-9.999 mg/m ³
Temperature Range	0-70 °C
Humidity Range	0-99% RH
CO2 Range	400-5000 PPM
CO Range	0-5000 PPM
PM2.5/PM10 Range	0-999 ug/m ³
AQI Range	0-999
Battery Capacity	1500mAh Lithium Polymer
Power Source	Battery Powered (USB Type-C rechargeable)
Operating Humidity	Up to 99%
Sensor Type	Electrochemical
Item Weight	9.6 ounces
Package Dimensions	6.97 x 3.58 x 1.85 inches
UPC	749671736152

WARRANTY INFORMATION

TROMAR products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your packaging for specific terms and conditions, or visit the official TROMAR website for detailed warranty policy information.

Typically, the warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper maintenance.

CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your TROMAR 9-in-1 Air Quality Monitor, please do not hesitate to contact our customer support team.

- **Email:** Refer to your product packaging or the official TROMAR website for contact email.
- **Website:** Visit the official TROMAR website for FAQs, support resources, and contact forms.
- **Online Retailer Support:** For purchase-related inquiries, you may also contact the retailer from whom you purchased the product.

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