

MORPTRA 9AQI+7 AQI Alert Buzzers

MORPTRA 16-in-1 Professional Indoor Air Quality Monitor

Model: 9AQI+7 AQI Alert Buzzers

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your MORPTRA 16-in-1 Professional Indoor Air Quality Monitor. This device is designed to provide real-time detection of various air quality parameters, including PM1.0, PM2.5, PM10, CO2, TVOC, HCHO, Temperature, and Humidity, along with AQI alerts. Please read this manual thoroughly before operating the device and retain it for future reference.



Image: The MORPTRA 16-in-1 Professional Indoor Air Quality Monitor displaying various air quality parameters on its screen.

PRODUCT FEATURES

- **16-in-1 Real-time Monitoring:** Detects PM1.0, PM2.5, PM10, CO2, TVOC, HCHO, Temperature, and Humidity.
- **7 Kinds of AQI Alert Buzzers:** Provides audible alerts for various air quality index levels.
- **One-button Start & Silence Alerts:** Easy power on/off and quick silencing of alerts with a double-click.
- **High-precision Sensor System:** Continuously collects and analyzes air data every 3 seconds for accurate readings.

- **HD Large Color Display:** Enhances readability with a clear and advanced color screen.
- **Long Battery Life & Fast-Charge:** Up to 4-5 hours of operation on a single charge, with Type-C fast charging.
- **Versatile Placement:** Suitable for various environments including homes, offices, cars, nurseries, and greenhouses.



Image: Close-up of the monitor's HD color display, showing various air quality readings and color-coded indicators for good, OK, and poor air quality.

SETUP GUIDE

Follow these steps to set up your MORPTRA Air Quality Monitor:

1. **Unboxing:** Carefully remove the monitor and all accessories from the packaging. Verify that all components listed in the "Included Components" section are present.
2. **Charging:** Before first use, fully charge the device using the provided Type-C charging cable and adapter. Connect the Type-C cable to the monitor's charging port and the adapter to a power outlet. The battery indicator on the screen will show charging status.
3. **Power On:** Press and hold the power button (usually located on the side or back) for a few seconds until the screen illuminates.
4. **Initial Calibration:** The device may perform an initial self-calibration upon first power-on. Allow it a few minutes in a well-ventilated area to stabilize readings.
5. **Placement:** Place the monitor in the desired location. Ensure it is on a stable surface and not obstructed, allowing for proper air circulation around its sensors.

Your browser does not support the video tag.

Video: An official quick setup guide for the Air Quality Monitor, demonstrating initial power-on and basic functions.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button for approximately 3 seconds to turn the device on or off.

Understanding the Display

The HD color display shows real-time readings for PM2.5, PM1.0, PM10, TVOC, HCHO, Temperature, Humidity, and CO2. The display uses color-coding (Green for GOOD, Yellow for OK, Red for POOR) to indicate air quality levels at a glance.



Image: The monitor's screen displaying various air quality metrics, including PM2.5, PM1.0, PM10, TVOC, HCHO, Temperature, Humidity, and CO2, with corresponding color indicators.

Temperature Unit Switching (°C/°F)

A single press of the designated button (refer to device layout for exact button) will toggle the temperature display between Celsius (°C) and Fahrenheit (°F).

Managing AQI Alerts

The monitor features 7 types of AQI alert buzzers. When air quality parameters exceed predefined safe levels, an audible alarm will sound. To silence an active alert, double-click the power button or the designated alert button.

Double-Click To Toggle The Buzzer Alarm On Or Off						
Air quality becomes visual, talks, and gives you a higher quality of life.						
	GOOD		OK		POOR	
PM1.0						
PM2.5	≤50ug/m ³		50-150 ug/m ³		>150 ug/m ³	
PM10						
CO2	<800 ppm		800-1500 ppm		>1500 ppm	
TVOC	<0.6 mg/m ³		0.6-1.5 mg/m ³		>1.5 mg/m ³	
HCHO	<0.08 mg/m ³		0.08-0.1 mg/m ³		>0.1 mg/m ³	
AQI	0-50	51-100	101-150	151-200	201-300	301-500
Alert Buzzers	none		none		BB...BB...	

Image: A table illustrating the different air quality levels (Good, OK, Poor) for PM1.0, PM2.5, PM10, CO2, TVOC, HCHO, and AQI, along with the corresponding buzzer alarm behavior. The image also highlights the "Double-Click To Toggle The Buzzer Alarm On Or Off" function.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the monitor. Do not use liquid cleaners or sprays directly on the device.
- **Sensor Care:** Avoid obstructing the sensor vents. Do not insert any objects into the vents, as this may damage the sensors.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery:** Recharge the battery regularly to maintain its lifespan, even if the device is not frequently used.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery or power button not pressed correctly.	Charge the device fully. Press and hold the power button for 3 seconds.
Inaccurate readings.	Sensor obstruction, device not calibrated, or extreme environmental conditions.	Ensure sensor vents are clear. Allow device to stabilize in a new environment. If issues persist, contact support.

Problem	Possible Cause	Solution
Alarm sounds frequently.	High levels of detected pollutants.	Check the readings on the display. Improve ventilation in the area. Double-click the power button to silence the alarm temporarily.
Screen is blank or frozen.	Software glitch or low battery.	Attempt a hard reset by holding the power button for 10-15 seconds. Charge the device.

SPECIFICATIONS

- **Product Name:** 16-IN-1 Air Quality Monitor
- **Detection Hardware:** Electrochemical, Semiconductor Temperature/Humidity
- **Detection Items:** PM2.5, PM1.0, PM10, CO2, TVOC, HCHO, Temperature, Humidity, Time Display, 7 AQI Alarm
- **Alarm Mode:** Buzzer alarm
- **Product Size:** 4.7 x 3.6 x 0.94 inches
- **Product Weight:** 0.6 Pounds (approx. 9.6 ounces)
- **Battery Capacity:** 2000mAh
- **Power Source:** Battery Powered
- **Measurement Accuracy:** +/-0.01%
- **Included Components:** 1 x Air Quality Monitor, 1 x TYPE-C Charging Cable, 1 x User Manual



Image: A visual representation of the air quality monitor with its key specifications listed, including detection items, size, weight, and battery capacity.

WARRANTY AND SUPPORT

The MORPTRA 16-in-1 Professional Indoor Air Quality Monitor comes with a **12-month warranty** for added peace of mind. For any technical support, warranty claims, or inquiries, please refer to the contact information provided with your product packaging or visit the official MORPTRA website.

Always ensure you are using genuine MORPTRA accessories for optimal performance and to maintain warranty validity.