

## AQLtech 9AQI+7 AQI Alert Buzzers+Time

# AQLtech Professional 16-in-1 Real-time Air Quality Monitor User Manual

Model: 9AQI+7 AQI Alert Buzzers+Time

## 1. PRODUCT OVERVIEW

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The AQLtech Professional 16-in-1 Real-time Air Quality Monitor is designed to provide comprehensive indoor air quality detection. It continuously monitors various air parameters and alerts you to potential issues, ensuring a healthier environment.

### Key Features:

- **16-in-1 Detection:** Monitors PM1.0, PM2.5, PM10, CO2, TVOC, HCHO, Temperature, and Humidity.
- **7 AQI Alert Functions:** Provides audible alerts for various air quality levels.
- **High-Precision Sensors:** Collects and analyzes data every 3 seconds for accurate readings.
- **HD Large Display:** Clear, easy-to-read screen with color-coded indicators.
- **Portable & Rechargeable:** Up to 4-5 hours of wireless operation with Type-C fast charging.



Figure 1: AQItech Air Quality Monitor displaying real-time data.

## 2. SETUP INSTRUCTIONS

### 2.1 Charging the Device

Before first use, fully charge the air quality monitor. The device comes with a high-performance lithium battery.

- Connect the provided Type-C charging cable to the monitor's charging port.
- Plug the adapter into a standard wall outlet.
- A full charge typically takes approximately 4 hours and provides 4-5 hours of wireless operation.

## 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	≤50ug/m <sup>3</sup>	50-150 ug/m <sup>3</sup>	>150 ug/m <sup>3</sup>			
PM2.5						
PM10						
CO2	<800 ppm	800-1500 ppm	>1500 ppm			
TVOC	<0.6 mg/m <sup>3</sup>	0.6-1.5 mg/m <sup>3</sup>	>1.5 mg/m <sup>3</sup>			
HCHO	<0.08 mg/m <sup>3</sup>	0.08-0.1 mg/m <sup>3</sup>	>0.1 mg/m <sup>3</sup>			
AQI	0-50	51-100	101-150	151-200	201-300	301-500
Alert Buzzers	none	none	BB...BB...			

Figure 2: Charging the AQLtech Air Quality Monitor.

### 2.2 Powering On/Off

Locate the power button on the device's back panel.

- **To Power On:** Press and hold the power button for a few seconds until the display illuminates.
- **To Power Off:** Press and hold the power button again until the display turns off.

## 3. OPERATING INSTRUCTIONS

### 3.1 Understanding the Display

The monitor features an HD large display that shows real-time readings for various air quality parameters. The display is color-coded for easy interpretation of air quality levels.

# High-quality HD Color Large Screen

Green for GOOD, Yellow for OK, and Red for POOR.

Easily know the air quality without referring to a table of values.



Figure 3: Detailed view of the monitor's display.

## Displayed Parameters:

- **PM1.0, PM2.5, PM10:** Particulate Matter concentrations ( $\mu\text{g}/\text{m}^3$ ).
- **CO2:** Carbon Dioxide levels (ppm).
- **TVOC:** Total Volatile Organic Compounds ( $\text{mg}/\text{m}^3$ ).
- **HCHO:** Formaldehyde levels ( $\text{mg}/\text{m}^3$ ).
- **TEMP:** Temperature ( $^{\circ}\text{C}/^{\circ}\text{F}$ ).
- **HUMI:** Humidity (%).
- **AQI:** Air Quality Index, with a color bar indicating overall air quality (Green for Good, Yellow for OK, Red for Poor).

## 3.2 Interpreting AQI Alerts

The monitor includes 7 types of AQI alert buzzers to notify you when air quality parameters exceed safe levels. The display also uses color indicators:

- **Green:** Good air quality.
- **Yellow/Orange:** Moderate or acceptable air quality.
- **Red/Purple:** Poor or unhealthy air quality, triggering an alarm.

# Important 7 Kinds of Alert Buzzers

Air quality becomes visual, talks, and gives you a higher quality of life.



	GOOD		OK		POOR	
PM1.0						
PM2.5	≤50ug/m <sup>3</sup>		50-150 ug/m <sup>3</sup>		> 150 ug/m <sup>3</sup>	
PM10						
CO2	<800 ppm		800-1500 ppm		> 1500 ppm	
TVOC	<0.6 mg/m <sup>3</sup>		0.6-1.5 mg/m <sup>3</sup>		>1.5 mg/m <sup>3</sup>	
HCHO	<0.08 mg/m <sup>3</sup>		0.08-0.1 mg/m <sup>3</sup>		>0.1 mg/m <sup>3</sup>	
AQI	0-50	51-100	101-150	151-200	201-300	301-500
Alert Buzzers	none		none		BB...BB...	

Double-Click To Toggle The Buzzer Alarm On Or Off

Figure 4: Air Quality Index (AQI) thresholds and alert levels.

### 3.3 Adjusting Settings and Silencing Alerts

The device features simple one-touch controls for various functions:

- **Temperature Unit Switch:** Press the appropriate button (refer to the user manual for specific button layout) to switch between Celsius (°C) and Fahrenheit (°F).
- **Silence Alarms:** Double-click the alarm button to silence any active alerts.
- Other settings like screen brightness and timer adjustments can be made via the control buttons on the back panel.

## 4. MAINTENANCE

### 4.1 Charging and Battery Life

The monitor is equipped with a high-performance lithium battery, offering 4-5 hours of continuous operation on a single charge. The included Type-C charging cable and adapter allow for quick charging. For continuous monitoring, the device can remain connected to the Type-C charger.

### 4.2 Cleaning and Care

To ensure optimal performance and longevity of your air quality monitor:

- Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the sensor vents clear of dust and debris to maintain accurate readings.
- Avoid exposing the device to extreme temperatures, high humidity, or direct sunlight for extended periods.

## 5. TROUBLESHOOTING

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### 5.1 Device Not Powering On

- Ensure the device is fully charged. Connect it to the charger and wait for at least 30 minutes before attempting to power it on again.
- Verify that the charging cable and adapter are functioning correctly. Try using a different compatible Type-C cable and adapter if available.
- Press and hold the power button firmly for several seconds.

### 5.2 Inaccurate Readings

- Ensure the device is placed in an area with good air circulation, away from direct drafts, vents, or heat sources.
- Avoid placing the monitor near sources of strong odors, chemicals, or smoke, as this can temporarily skew readings.
- Allow the device to operate for at least 5-10 minutes after powering on to stabilize sensor readings.
- If readings remain consistently unusual, refer to the full user manual for calibration instructions or contact customer support.

### 5.3 Alarm Triggering Frequently

- Check the specific parameter that is triggering the alarm on the display.
- Increase ventilation in the area (e.g., open windows or use an air purifier).
- Identify and remove any sources of pollution if possible (e.g., burning candles, strong cleaning agents).
- If the alarm is disruptive, double-click the alarm button to silence it temporarily.

## 6. SPECIFICATIONS

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Feature	Detail
Manufacturer	AQItech
Model Number	9AQI+7 AQI Alert Buzzers+Time
Item Weight	1.41 pounds
Product Dimensions	8 x 2.8 x 5.7 inches
Battery Type	1 Lithium Ion battery (included)
Charging Port	Type-C
UPC	717352564493

## 7. WARRANTY AND SUPPORT

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The AQLtech Professional 16-in-1 Real-time Air Quality Monitor comes with a **12-month warranty** from the date of purchase, covering manufacturing defects.

For technical assistance, troubleshooting, or warranty claims, please contact AQLtech customer support through the retailer's platform or the official AQLtech website. Please have your model number and purchase details ready when contacting support.