

Weytoll Weytollrkjzwh0t2-12

Weytoll 15-in-1 Air Quality Monitor User Manual

Model: Weytollrkjzwh0t2-12

1. INTRODUCTION

This manual provides comprehensive instructions for the Weytoll 15-in-1 Multifunctional Air Quality Monitor, Model Weytollrkjzwh0t2-12. This device is designed to accurately detect and monitor various indoor air pollutants and environmental factors, ensuring a healthier living or working environment. Please read this manual thoroughly before using the device.

2. PRODUCT OVERVIEW

The Weytoll 15-in-1 Air Quality Monitor is a versatile device equipped with advanced sensor technology to provide real-time data on your indoor air quality.

2.1 Key Features

- **Multi-Parameter Detection:** Monitors HCHO (Formaldehyde), TVOC (Total Volatile Organic Compounds), PM1.0, PM2.5, PM10 (Particulate Matter), CO (Carbon Monoxide), CO2 (Carbon Dioxide), AQI (Air Quality Index), Temperature, Humidity, Air Pressure, and Sound Meter.
- **Advanced Sensor Technology:** Utilizes high-precision semiconductor/infrared detection technology for reliable and accurate readings.
- **Clear Display:** Features a 2.8-inch TFT color screen with a clear digital display and real-time curve graphs for trend monitoring.
- **Wi-Fi Connectivity:** Supports Wi-Fi for easy data synchronization and remote monitoring via a dedicated mobile application.
- **Long Battery Life:** Equipped with a built-in 2000mAh rechargeable lithium battery, providing approximately 300-360 minutes of continuous operation on a 4-hour charge.
- **User-Friendly Interface:** Offers 11 customizable background images for a personalized visual experience.
- **Compact and Portable:** With dimensions of 9 x 7 x 4 cm, it is suitable for various indoor environments.

2.2 Package Contents

- 1 x Weytoll 15-in-1 Air Quality Monitor
- 1 x Type-C USB Charging Cable

- 1 x User Manual

MULTI FUNCTIONAL AIR QUALITY AND ENVIRONMENTAL MONITOR

VT-15IN1 (QTFV-D)



HCHO
TVOC
AQI
PM1.0
PM2.5
PM10
CO
CO2

Sound Meter
temperature
humidity
air pressure
Date time
tendency chart
WIFI function
Background
image switching

Image: The Weytoll 15-in-1 Air Quality Monitor displaying multiple environmental parameters.



Image: Contents of the product package, including the monitor, charging cable, and user manual.

3. SETUP

Follow these steps for initial setup and preparation of your air quality monitor.

3.1 Charging the Device

Before first use, fully charge the monitor. Connect the provided Type-C USB charging cable to the device's charging port and plug the other end into a standard 5V DC USB power adapter (not included). The charging process typically takes about 4 hours. The battery indicator on the screen will show the charging status.

3.2 Power On/Off

To power on the device, press and hold the power button located on the side of the monitor until the screen illuminates. To power off, press and hold the power button again until the screen turns off.

3.3 Wi-Fi Configuration and App Connection

1. **Download the App:** Search for the dedicated mobile application (usually specified in the included paper manual) on your smartphone's app store (e.g., Google Play Store or Apple App Store) and install it.
2. **Register/Log In:** Open the app and create a new account or log in if you already have one.
3. **Connect to Wi-Fi:** On the monitor, navigate to the 'WiFi Config' option in the menu. Follow the on-screen instructions to connect the device to your 2.4GHz Wi-Fi network.
4. **Add Device in App:** Within the mobile app, follow the prompts to add a new device. This typically involves scanning a QR code displayed on the monitor or manually selecting the device from a list.
5. **Remote Monitoring:** Once connected, you can view real-time data, historical trends, and manage settings remotely through the app.

WiFi function supports real-time data viewing on mobile phone



Image: The monitor's display showing Wi-Fi connectivity and a smartphone screen demonstrating the mobile app interface for data viewing.

4. OPERATING INSTRUCTIONS

This section details how to operate your Weytoll Air Quality Monitor and interpret its readings.

4.1 Main Display and Readings

Upon powering on, the device will display real-time readings for various air quality parameters. Each parameter is shown with its current value and unit (e.g., mg/m³ for HCHO, ppm for CO₂, ug/m³ for PM values, dB for Voice). The display also shows temperature, humidity, air pressure, and the current date/time.

4.2 Menu Navigation

Use the physical buttons on the device (refer to the included manual for specific button functions) to navigate through the menu. The menu typically includes options such as:

- **WiFi Config:** For connecting to a Wi-Fi network.
- **Curve:** To view historical data trends for different parameters.
- **PM Calibration:** For calibrating Particulate Matter sensors.
- **TVOC Calibration:** For calibrating Total Volatile Organic Compounds sensors.
- **Voice Calibration:** For calibrating the sound meter.
- **Alert Config:** To set up alerts for specific parameter thresholds.
- **Switch Interface:** To change the display background image.
- **Temp °F/°C:** To switch between Fahrenheit and Celsius temperature units.
- **Button sound:** To enable or disable button press sounds.
- **Exit:** To exit the menu.

Menu interface

WIFI Config
Curve
PM Calibaration
TVOC Calibration
Voice Calibration
Alert Config
Switch Interface
Temp °F/°C
Button sound



Image: The menu interface of the Weytoll Air Quality Monitor, showing various configuration and calibration options.

4.3 Interpreting Readings

The device provides numerical readings for each parameter. Refer to local or international air quality guidelines to understand what constitutes healthy or unhealthy levels for each pollutant. The device may also use color-coding or an AQI (Air Quality Index) to provide a quick visual assessment of overall air quality.

4.4 Customizing Display Background

The monitor supports 11 different background images. Navigate to the 'Switch Interface' option in the menu to browse and select your preferred display background.

SUPPORT 11 BACKGROUND IMAGES TO SWITCH FREELY; CHOOSE ANY STYLE YOU LIKE.



Image: Examples of the 11 different background images available for customization on the monitor's display.

5. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your air quality monitor.

5.1 Cleaning

Wipe the exterior of the device with a soft, dry cloth. Do not use liquid cleaners, abrasive materials, or solvents, as these can damage the casing or internal components. Ensure no liquids enter the sensor vents.

5.2 Sensor Care

The sensors are delicate. Avoid exposing the device to direct water, excessive dust, or strong chemical fumes, which can affect sensor performance and accuracy. Do not attempt to open the device to clean internal sensors.

5.3 Battery Care

To maximize battery life, avoid frequent deep discharges. Recharge the device when the battery level is low. If storing

the device for an extended period, charge it to about 50% and recharge every few months to prevent battery degradation.

6. TROUBLESHOOTING

If you encounter issues with your Weytoll Air Quality Monitor, refer to the following common problems and solutions.

- **Device Not Powering On:**

- Ensure the device is fully charged. Connect it to a power source and allow it to charge for at least 30 minutes before attempting to power on again.
- Try using a different Type-C USB cable and a compatible 5V DC power adapter.

- **Wi-Fi Connection Issues:**

- Verify that your Wi-Fi network is active and operating on the 2.4GHz band (the device may not support 5GHz networks).
- Ensure the device is within range of your Wi-Fi router.
- Double-check the Wi-Fi password entered during configuration.
- Restart both the air quality monitor and your Wi-Fi router.

- **Inaccurate or Fluctuating Readings:**

- Allow the device to stabilize for at least 5-10 minutes after powering on, especially in a new environment.
- Ensure the device is placed in an open area, away from direct airflow (e.g., vents, fans), heat sources, or strong chemical fumes (e.g., cleaning products, paint).
- If calibration options are available in the menu (e.g., 'PM Calibration', 'TVOC Calibration'), follow the instructions for recalibration if readings seem consistently off. Refer to the included paper manual for detailed calibration procedures.

- **Screen Not Responding or Frozen:**

- Press and hold the power button for 10-15 seconds to force a restart.
- If the problem persists, ensure the device is fully charged.

If these troubleshooting steps do not resolve the issue, please refer to the support section for further assistance.

7. SPECIFICATIONS

Parameter	Specification
Model Number	Weytollrkjzvvh0t2-12
Manufacturer	Weytoll
Dimensions (L x W x H)	9 x 7 x 4 cm (approx. 3.54 x 2.76 x 1.57 inches)
Weight	184 grams
Power Input	Type-C USB, 5V DC
Battery	2000 mAh rechargeable lithium battery
Charging Time	Approximately 4 hours

Operating Time	Approximately 300-360 minutes
Display	2.8-inch TFT color screen
Connectivity	Wi-Fi
Measured Parameters	HCHO, TVOC, PM1.0, PM2.5, PM10, CO, CO2, AQI, Temperature, Humidity, Air Pressure, Sound Meter
Measurement Accuracy	+/-0.5%
Country of Origin	China



Image: Dimensions of the Weytoll Air Quality Monitor.



Image: Rear view of the monitor, indicating model number (VT-15IN1), charging type (Type-C), and voltage (5V DC).

8. WARRANTY

Warranty information is not explicitly provided in the product details. Please refer to the documentation included with your purchase or contact the seller directly for specific warranty terms and conditions.

9. SUPPORT

For technical support, product inquiries, or assistance with troubleshooting beyond the scope of this manual, please refer to the contact information provided in your product packaging or contact the seller directly through the platform where the purchase was made.