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57537.135.WH3

LifeQuality Jeweller Smart Wireless Environmental Monitor

Model: 57537.135.WH3

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1. INTRODUCTION

The LifeQuality Jeweller Smart Wireless Environmental Monitor is designed to provide real-time measurements of indoor environmental parameters. This device accurately monitors temperature, relative humidity, carbon dioxide (CO₂), and overall air quality. It utilizes the secure Jeweller radio protocol for reliable communication with compatible security hubs, enabling users to maintain a healthy and comfortable indoor environment. The monitor helps identify poor air quality conditions and provides timely alerts for corrective action.

2. SAFETY INFORMATION

- Read all instructions before operating the device.
- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid placing the device near heat sources or in areas with strong electromagnetic interference.
- Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
- Keep the device out of reach of children and pets.
- Dispose of batteries according to local regulations.

3. DEVICE OVERVIEW

The LifeQuality monitor features a compact, sleek design for unobtrusive placement. It includes internal sensors for environmental monitoring and a tamper-protected casing.



Figure 1: Front, back, and side views of the LifeQuality Jeweller Smart Wireless Environmental Monitor. The back view shows the mounting plate and screw holes, while the front is a smooth, white surface.

3.1. Package Contents

- LifeQuality Jeweller Smart Wireless Environmental Monitor (Model 57537.135.WH3)
- Mounting kit (screws and anchors)
- Quick Start Guide

4. SETUP AND INSTALLATION

4.1. Choosing a Location

Select a central location within the intended monitoring area, away from direct drafts, windows, heating/cooling vents, and direct sunlight. Ensure the location is within the Jeweller radio protocol range of your security hub (up to 1,300 meters in open space).



Figure 2: Example placement of the LifeQuality monitor on a table. The device's compact size allows for discreet integration into various indoor environments.

4.2. Mounting the Device

1. Remove the mounting plate from the back of the monitor by twisting it counter-clockwise.
2. Position the mounting plate on the desired wall or surface. Use a pencil to mark the screw holes.
3. Drill pilot holes if necessary, then secure the mounting plate using the provided screws and anchors.
4. Align the monitor with the mounted plate and twist clockwise until it clicks securely into place.

4.3. Pairing with the Hub

1. Ensure your security hub is powered on and in pairing mode (refer to your hub's manual for specific instructions).
2. Open the mobile application associated with your security system.
3. Navigate to the device addition section within the app.
4. Follow the on-screen prompts to add the LifeQuality monitor. This typically involves scanning a QR code on the device or manually entering its serial number.

5. Once successfully paired, the device will appear in your app, and you can begin monitoring environmental data.

5. OPERATION

5.1. Monitoring Environmental Data

After successful pairing, the LifeQuality monitor will continuously transmit data to your security hub. You can view real-time temperature, humidity, CO₂, and air quality readings through the dedicated mobile or desktop application.

- **Temperature:** Displays the ambient temperature in Celsius or Fahrenheit.
- **Humidity:** Shows the relative humidity percentage.
- **CO₂ Concentration:** Indicates carbon dioxide levels in parts per million (ppm). Elevated CO₂ levels can indicate poor ventilation.
- **Air Quality:** Provides an overall assessment of air quality, often based on volatile organic compounds (VOCs) or other pollutants.

5.2. Setting Up Alerts and Notifications

The application allows you to set custom thresholds for each monitored parameter. If a parameter exceeds or falls below your defined limits, the system will send instant notifications to your connected devices.

1. Open the application and select the LifeQuality monitor.
2. Navigate to the settings or alert configuration section.
3. Adjust the desired high and low thresholds for temperature, humidity, CO₂, and air quality.
4. Enable notifications for these alerts.

Regularly review historical data within the app to identify trends and optimize your indoor environment.

6. MAINTENANCE

6.1. Cleaning

Wipe the device periodically with a soft, dry cloth to remove dust. Do not use abrasive cleaners, solvents, or spray liquids directly onto the device.

6.2. Battery Replacement

The LifeQuality monitor is designed for extended battery life. When the battery level is low, you will receive a notification through the application. To replace the battery:

1. Twist the monitor counter-clockwise to remove it from its mounting plate.
2. Open the battery compartment (refer to the device diagram in the Quick Start Guide for exact location).
3. Replace the old batteries with new ones of the specified type (e.g., CR123A, quantity as per device). Ensure correct polarity.
4. Close the battery compartment and reattach the monitor to its mounting plate.
5. Confirm battery status in the application.

6.3. Firmware Updates

Firmware updates are typically managed through the connected security hub and mobile application. Ensure your device and hub are connected to the internet to receive automatic updates that improve performance and add new features. Follow the in-app instructions for any manual update procedures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not pairing with hub.	Device out of range; hub not in pairing mode; low battery.	Move device closer to hub; ensure hub is in pairing mode; replace batteries.
Inaccurate readings.	Improper placement (near vents, direct sunlight); sensor obstruction.	Relocate device to a more suitable area; ensure sensors are clear of dust/debris.
No data updates in app.	Loss of connection to hub; hub offline; app issue.	Check device-to-hub connection; verify hub's internet connection; restart app.
Tamper alert triggered unexpectedly.	Device not securely mounted; physical disturbance.	Ensure device is firmly attached to its mounting plate; check for physical interference.

8. SPECIFICATIONS

- Model:** 57537.135.WH3
- Manufacturer:** AJAX
- Monitored Parameters:** Temperature, Relative Humidity, CO₂, Air Quality
- Communication Protocol:** Jeweller wireless protocol
- Wireless Range:** Up to 1,300 meters (open space)
- Power Supply:** Battery-operated (type and quantity to be confirmed in Quick Start Guide)
- Color:** White
- Included Components:** Monitor

9. WARRANTY INFORMATION

This LifeQuality Jeweller Smart Wireless Environmental Monitor (Model 57537.135.WH3) comes with a **1-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official documentation provided with your product or contact customer support.

10. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your LifeQuality Jeweller Smart Wireless Environmental Monitor, please refer to the troubleshooting section of this manual or contact your retailer or the manufacturer's customer support. Support contact details are typically available on the manufacturer's official website or in the product packaging.

Manufacturer: AJAX

For the most up-to-date support information, visit the official AJAX website.

