

XIAOMI QBH4312GL

Xiaomi Smart Temperature and Humidity Monitor 3 Mini User Manual

Model: QBH4312GL

1. INTRODUCTION

Thank you for choosing the Xiaomi Smart Temperature and Humidity Monitor 3 Mini. This device is designed to provide accurate, real-time measurements of indoor temperature and humidity, helping you maintain a comfortable and healthy environment. Its compact design and smart features make it a valuable addition to any home.

2. PRODUCT OVERVIEW AND FEATURES

The Xiaomi Smart Temperature and Humidity Monitor 3 Mini combines precision with convenience. Key features include:

- **Compact Design:** Small footprint for versatile placement.
- **High-Precision Sensor:** Accurate detection of temperature and humidity changes.
- **Clear LCD Display:** Shows temperature and humidity simultaneously.
- **Ideal Range Indicator:** Visual cues for optimal environmental conditions.
- **Ultra-Low Power Consumption:** Extended battery life.
- **Flexible Placement:** Suitable for tabletop or wall mounting.
- **Smart Home Compatibility:** Bluetooth connectivity for integration with smart home systems.

高精度センサーが 温湿度の変化を正確に検知

温度は 0.1°C 単位、湿度は 1%RH 単位で表示されるため、
変化をすばやく把握でき、ご家族の健康的な
生活環境を保つための適切な対応が可能になります。



The monitor features a compact design with a 42.8 x 35.1 mm LCD screen, making it easy to read and place. Device dimensions are approximately 62.6 x 53.2 mm.

温度と湿度を同時に表示し、 ご家族の健康管理をサポート

19-27℃

理想的な室温

20%-85%RH

理想的な室内湿度



Equipped with a high-precision sensor, the monitor accurately detects changes in temperature (0.1°C resolution) and humidity (1% RH resolution).

超低消費電力&長持ちバッテリー

Xiaomi スマート温湿度計 3 Mini は、
超低消費電力設計の CR2450 ボタン電池を採用。

2年

標準モード

3年

バッテリー節約モード※



The display simultaneously shows current temperature and humidity. Ideal indoor conditions are indicated as 19-27°C for temperature and 20-85% RH for humidity.

3. SETUP

3.1 Unboxing and Initial Inspection

Carefully remove the monitor from its packaging. Inspect the device for any signs of damage. The package should include the Xiaomi Smart Temperature and Humidity Monitor 3 Mini and this user manual.

3.2 Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Gently open the cover.

3. Insert one CR2450 button cell battery, ensuring the positive (+) side faces upwards as indicated inside the compartment.
4. Close the battery compartment cover securely. The display should activate automatically.

スタンドでも壁掛けでも 自由に置けるコンパクト設計



寝室



リビング



仕事部屋



オフィス



The monitor uses a CR2450 button cell battery, offering ultra-low power consumption for up to 2 years in standard mode and 3 years in battery-saving mode.

3.3 Placement

The monitor can be placed on a flat surface using its integrated stand or mounted on a wall. For accurate readings, place the device away from direct sunlight, heat sources, and strong drafts.

コンパクトなのに高性能

厚さわずか 5.1mm のスリムなベゼルと、
42.8 × 35.1mm の LCD スクリーンを備えたコンパクト設計



Its versatile design allows for flexible placement, either on a tabletop using its integrated stand or mounted on a wall.

3.4 Smart Home Pairing (Optional)

To connect the monitor to your smart home system via Bluetooth, follow these general steps:

1. Download the official Xiaomi Home app (or compatible smart home app) on your smartphone.
2. Ensure Bluetooth is enabled on your smartphone.
3. Open the app and follow the on-screen instructions to add a new device. The monitor should appear as an available device for pairing.
4. Confirm the pairing within the app.

4. OPERATING INSTRUCTIONS

4.1 Reading the Display

The LCD screen continuously displays the current temperature in Celsius (°C) and relative humidity (RH%). The display is designed for clear visibility from a distance.

4.2 Understanding Ideal Ranges

The monitor may provide visual indicators or a simple emoji to represent comfort levels. Generally, ideal indoor conditions are:

- **Temperature:** 19°C to 27°C
- **Humidity:** 20% RH to 85% RH

Adjust your environment (e.g., heating, cooling, humidifiers, dehumidifiers) as needed to stay within these ranges for optimal comfort and health.

5. MAINTENANCE

5.1 Cleaning

Wipe the device gently with a soft, dry cloth. Do not use liquid cleaners, abrasive materials, or immerse the device in water.

5.2 Battery Replacement

When the battery is low, a low battery indicator may appear on the display. Replace the CR2450 battery by following the installation steps in Section 3.2. Dispose of used batteries responsibly according to local regulations.

5.3 Storage

If storing the device for an extended period, remove the battery to prevent leakage. Store in a cool, dry place.

6. TROUBLESHOOTING

- **No Display:** Check if the battery is correctly installed and has sufficient charge. Replace the battery if necessary.
- **Inaccurate Readings:** Ensure the device is placed in an appropriate location, away from direct heat, cold, or drafts. Allow some time for the sensor to stabilize after placement or battery change.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on your smartphone and the device is within range. Try restarting both the monitor (by reinserting the battery) and your smartphone.
- **Display Not Changing:** If readings appear stuck, try replacing the battery. If the issue persists, contact customer support.

7. SPECIFICATIONS

Model Number	QBH4312GL
Dimensions (Device)	Approx. 62.6 x 53.2 x 12.7 mm
Weight	50 g
Temperature Measurement Range	0°C to 50°C (32°F to 122°F)

Temperature Accuracy	±0.5°C
Humidity Measurement Range	0% RH to 99% RH
Humidity Accuracy	±1% RH
Battery Type	CR2450 Button Cell
Battery Life	Up to 2-3 years (depending on usage mode)
Connectivity	Bluetooth
Mounting Options	Tabletop, Wall-mounted

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Xiaomi Smart Temperature and Humidity Monitor 3 Mini comes with a standard manufacturer's warranty. Please refer to your purchase documentation or the official Xiaomi website for detailed warranty terms and conditions specific to your region.

8.2 Customer Support

For technical support, troubleshooting assistance, or warranty claims, please visit the official Xiaomi support website or contact their customer service department. Contact details can typically be found on the Xiaomi official website or in your product packaging.

Online Support: www.mi.com/global/support