

xiaomi
BHR9041GL
Smart
Temperature
and Humidity
Monitor



xiaomi BHR9041GL Smart Temperature and Humidity Monitor User Manual

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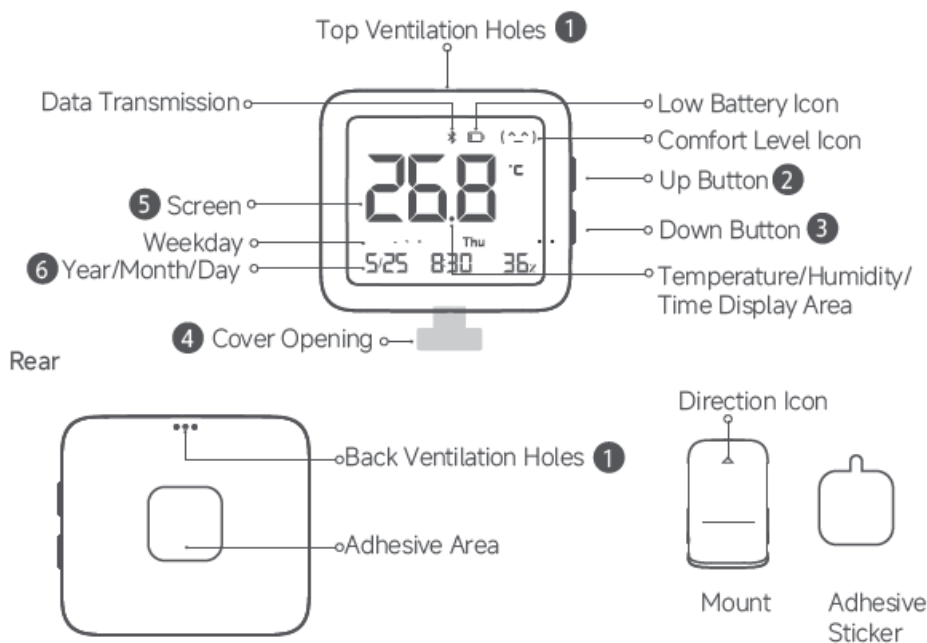
xiaomi BHR9041GL Smart Temperature and Humidity Monitor



Read this manual carefully before use, and retain it for future reference

Product Overview

Front



Notes:

1. Do not obstruct the ventilation holes when installing or using the monitor.
2. **Up button:** Used as “Settings/+” button to switch modes and set the time.
3. **Down button:** Used as “Bluetooth/-” button to establish the Bluetooth connection and set the time.
4. Remove the battery insulation film when using the monitor for the first time.
The LCD screen may show water ripples due to static electricity or external pressure, but this is not a malfunction. It will go back to normal after a period of rest.
5. The “year” information is visible only in the time setting mode.

How to Use

Note: Remove the battery insulation film when using the monitor for the first time.

Setting Time

This product offers two time calibration methods:

Method 1: Automatic time calibration using the Mi Home/Xiaomi Home app

- This product works with Mi Home/Xiaomi Home app*. Control your device with Mi Home/Xiaomi Home app.
- Scan the QR code to download and install the app. You will be directed to the connection setup page if the app is installed already. Or search “Mi Home/ Xiaomi Home” in the app store to download and install it. Open Mi Home/Xiaomi Home app, tap “+” on the upper right, and then follow prompts to add your device.



- Once “Phone is connected” is displayed on the homepage of the monitor plug-in in the Mi Home/Xiaomi Home app, the monitor will automatically perform time calibration.
- The app is referred to as Xiaomi Home app in Europe (except for Russia). The name of the app displayed on your device should be taken as the default.

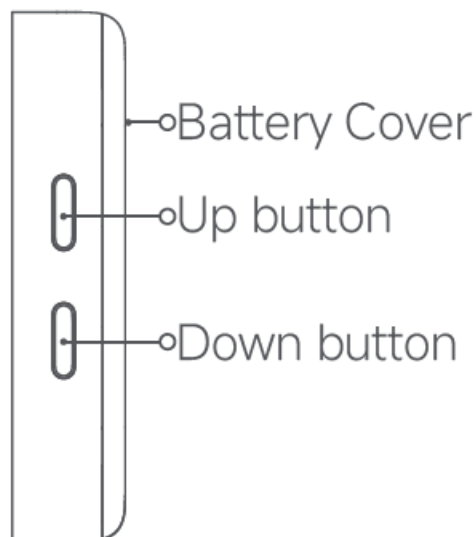
Notes:

- The version of the app might have been updated, please follow the instructions based on the current app version.
- If the monitor is not added within 30 minutes after being turned on for the first time, please reset or re-install the battery before attempting to add it again.
- If “Connected to a Bluetooth gateway” is displayed on the homepage of the monitor plug-in in the Mi Home/Xiaomi Home app, manual calibration is required on the settings page, as automatic time calibration is unavailable in this mode.

Method 2: Manual time setting

1. Press and hold the up button on the right side of the monitor for 3 seconds until the digits representing “year” blink on the screen, indicating that the monitor has entered the time setting mode.
2. Press both the up and down buttons simultaneously to confirm the current setting item and move to the next one. The screen will display “year”, “month”, “day”, “hour”, and “minute” in sequence.
3. During blinking, press or press and hold the up/down button to adjust values.
4. Adjustments save automatically. If there is no operation for more than 15 seconds, it will automatically save and

exit the time setting mode.



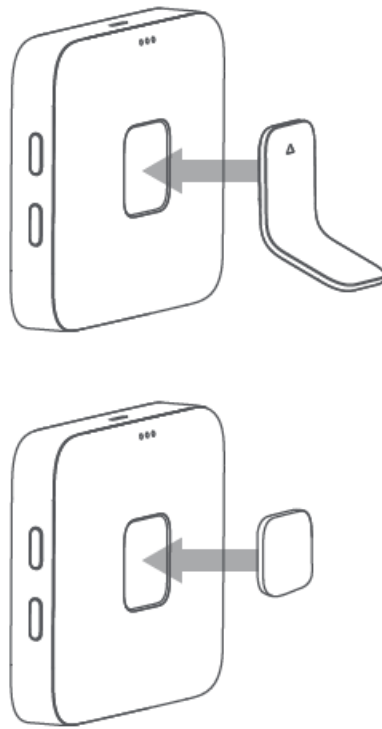
Note: The “weekday” information syncs automatically; no separate setup is needed.

Button functions in the time setting mode

Operation	Status
Press and hold the up button for 3 seconds	Enter the time setting mode
Press both the up and down buttons	Switch time setting items
Press/press and hold the up button	Increasing by an increment of 1/ Continuously increasing by an increment of 1
Press/press and hold the down button	Decreasing by an increment of 1/ Continuously decreasing by an increment of 1

Installation

- **Placing on a surface:** Remove the release liner from the mount and follow the arrow on the back to stick the mount to the back of the monitor. Once attached, place the monitor on a table, shelf, or any suitable flat surface.
- **Hanging:** Remove the release liner from one side of the adhesive sticker to stick it in the adhesive area on the back of the monitor. Then, remove the release liner on the other side and stick the monitor in the desired place on a wall or any smooth surface.

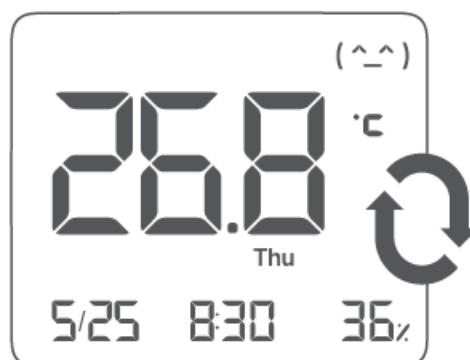


Notes:

- Stick to surfaces suitable for double-sided adhesive use. It is not recommended to stick to dusty (like plasterboard or concrete) or uneven surfaces to prevent product damage from falling.
- When attaching the mount to the adhesive sticker or hanging the monitor to a wall, press firmly for about 10 seconds before use.
- Choose the height based on personal preference for the best viewing angle before hanging the monitor to a wall, the recommended installation height of the monitor is no more than 2 meters.

Switching Main Display Content

In standard mode, press the up button to cycle through three display modes on the monitor: temperature, humidity, and time, to adapt to various usage scenarios.



Smart Linkage

Connect the monitor to the Mi Home/Xiaomi Home app. On the homepage of the " " in the upper right corner, then select "Automation". monitor plug-in, tap the icon
Follow the on-screen instructions to set up smart linkage with other smart devices.

Notes:

- Smart linkage is compatible only with the Mi Home/Xiaomi Home devices supporting the Bluetooth gateway function. Please contact customer service for more information.
- The version of the app might have been updated, please follow the instructions based on the current app version.


Screen Display

Comfort level icon description

Humidity \ Temperature	Below 19°C	Between 19°C and 27°C	Above 27°C
Below 20%	(-^ -)	(-^ -)	(-^ -)
Between 20% and 85%	(-^ -)	(^ _ ^)	(-^ -)
Above 85%	(-^ -)	(-^ -)	(-^ -)

Note: (^ _ ^) Comfortable (-^ -) Uncomfortable

Low battery notification

When this icon appears at the top of the screen ”  “, it indicates that the battery level is low and needs replacement.

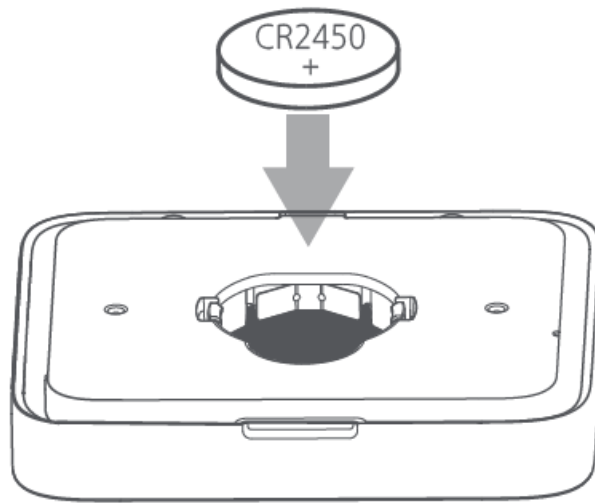
Button Functions

Standard mode

Operation	Status
Press the up button	Switch main display content
Press the down button	1. Confirm binding 2. Start Bluetooth broadcast
Press and hold both the up and down buttons for about 7 seconds	Restore factory settings

Replace the battery

Remove the battery cover from the cover opening at the bottom of the monitor. Remove the depleted battery and install a CR2450 coin battery with the positive (+) side facing upwards, then securely reinstall the cover.



Care & Maintenance

- Please avoid water ingress into the monitor during cleaning.
- When the surface of the monitor is dirty, it can be wiped clean using a damp soft cloth with some neutral detergent.


Precautions

- The monitor is not waterproof; do not submerge its ventilation holes in water.
- Do not remove the monitor from a wall with force if it is attached with the adhesive sticker, so as to avoid damage to the wall or the monitor.
- The monitor is not suitable for use in environments with temperatures below 0°C.
- Keep it away from harsh environments with high temperatures or high humidity.
- Use the specified battery model for replacement and dispose of the used battery according to relevant national regulations.
- The monitor is intended for promoting healthy living and should not be used as a measuring tool.
- The provided battery is for trial use only and may not provide the same battery life as the standard new battery.

Troubleshooting

Issues	Possible Causes	Solutions
The screen displays low battery indication or no content.	The battery is depleted.	Replace the battery.
The screen displays no content.	The battery is installed incorrectly.	Reinstall the battery correctly.
The screen displays "H".	Ambient temperature exceeds 60°C.	Place the monitor in an environment within its temperature measurement range.
The screen displays "L".	Ambient temperature is below -9.9°C.	
The screen exhibits water ripples.	External pressure or static electricity	Allow the monitor to rest for a while to return to normal.
Temperature/humidity readings are inaccurate.	The ventilation holes are blocked.	Remove any obstructions.
	Water gets into the ventilation holes.	Dry the monitor in a well-ventilated area or use absorbent paper to wipe it dry.

Specifications

- **Name:** Xiaomi Smart Temperature and Humidity Monitor 3
- **Model:** MJWSD05MMC
- **Material:** ABS
- **Item Dimensions:** 79.6 x 70.2 x 14.5 mm
- **Net Weight:** 72 g
- **Rated Voltage:** 3V 
- **Max. Power:** 45 mw
- **Battery Model:** CR2450 (Included)
- **Wireless Connectivity:** Bluetooth 5.0 Low Energy
- **Temperature Measurement Range:** OOC to 600C
- **Temperature Resolution:** 0.10C
- **Humidity Measurement Range:** 0—99% RH
- **Humidity Resolution:** 1% RH
- **Bluetooth Operation Frequency:** 2402—2480 MHz
- **Bluetooth Maximum Output Power:** dBm

The product nameplate is placed on the back of the monitor body.

The 8th to the 10th digits in the SN code on the product and the package represent the factory code.

Under normal use of condition, this equipment should be kept a separation distance of at least 20 cm between the antenna and the body of the user.

Note:

- Illustrations of product, accessories, and user interface in the user manual are for reference purposes only. Actual product and functions may vary due to product enhancements.
- The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Xiaomi Inc. is under license. All product names, trademarks and registered trademarks are property of their respective owners.

Hereby, Miaomiaoce Technology (Beijing) Co., Ltd. declares that the radio equipment type MJWSD05MMC is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.mi.com/global/service/support/declaration.html>



■ All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

- Hereby, Miaomiaoce Technology (Beijing) Co., Ltd. declares that the radio equipment type MJWSD05MMC is in compliance with Radio Equipment Regulations 2017.
- The product is in compliance with comply UK PSTI regulations, the full text of the UK declaration of conformity is available at the following internet address: <https://www.mi.com/uk/service/support/declaration.html>


Manufactured for: Xiaomi Communications Co., Ltd.

- Manufactured by: Miaomiaoce Technology (Beijing) Co., Ltd. (a Mi Ecosystem company)
- **Address:** No. I-Y 1-06, IF, Tower A, Innovation Building, No. 11 HEPINGLI East Street,
- Dongcheng District, Beijing, China
- For further information, please go to www.mi.com

Frequently Asked Questions

- **Q: Do I need to set up the weekday information separately?**
 - A: No, the weekday information syncs automatically; no separate setup is required.
- **Q: What should I do if the LCD screen shows water ripples?**
 - A: The ripples are due to static electricity or external pressure and are not a malfunction. They will disappear after a period of rest.

Documents / Resources

	<p>xiaomi BHR9041GL Smart Temperature and Humidity Monitor [pdf] User Manual</p> <p>Mi 23.8 Desktop Monitor 1C, Xiaomi 3, BHR9041GL Smart Temperature and Humidity Monitor, BHR9041GL, Smart Temperature and Humidity Monitor, Temperature and Humidity Monitor, and Humidity Monitor, Humidity Monitor, Monitor</p>
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References

-  [Xiaomi United States | Xiaomi Official Website](#)
-  [-](#)
-  [Xiaomi® Korea | Xiaomi !\[\]\(735b10d724a5f0ec5005c4eb3eb9c9d1_img.jpg\) !\[\]\(e6250f05bc27fa93236b816562b699f9_img.jpg\) !\[\]\(d190cc638f389909d4b049d6c19e4cb2_img.jpg\) !\[\]\(4d34001966c7597a8c3e4293694bde37_img.jpg\) !\[\]\(70b9adae95aa76ce55f26a9fb944efce_img.jpg\)](#)
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