

GAMRY HTC-1

GAMRY Digital Thermometer Hygrometer

Model: HTC-1

Your comprehensive guide to optimal indoor environment monitoring.

1. PRODUCT OVERVIEW

The GAMRY Digital Thermometer Hygrometer, Model HTC-1, is a versatile 5-in-1 device designed to help you monitor your indoor environment effectively. It combines the functions of a thermometer, hygrometer, clock, calendar, and alarm clock into one compact unit.

Equipped with an industrial high-standard, high-precision sensor, it measures indoor temperature and humidity in real-time every 10 seconds. This allows for precise adjustments to air conditioning and humidifiers, contributing to better health management against heatstroke, influenza, mold, and skin dryness.

The device features a large, easy-to-read 3.8-inch LCD screen with a wide 360° viewing angle, enhanced by wide-viewing angle LCD technology that improves vertical and horizontal viewing angles by 120°. This human-centered design ensures that temperature and humidity readings are easily visible even from a distance.

Beyond environmental monitoring, it displays local time and offers a memory function to show maximum and minimum temperature and humidity values over a 24-hour period (with automatic reset). Its compact size (100x92x20mm, 90g) and 2-way stand/wall mount design make it convenient for placement in various locations such as kitchens, bedrooms, warehouses, entrances, or by windows.

多機能デジタル温湿度計



メモリー機能



温度計



湿度計



目覚まし時計



°C/°F切替



高精度



Figure 1.1: The GAMRY HTC-1 displaying its multi-functional capabilities including temperature, humidity, clock, and alarm settings.

2. SETUP GUIDE

2.1 Unpacking and Inspection

- Carefully remove the thermometer hygrometer from its packaging.
- Inspect the device for any signs of damage. If damaged, do not use and contact customer support.
- Ensure all components are present: the main unit and one AAA battery.

2.2 Battery Installation

1. Locate the battery compartment on the back of the device.
2. Slide open the battery compartment cover.
3. Insert one AAA battery, ensuring the positive (+) and negative (-) terminals align correctly with the markings inside the compartment.
4. Close the battery compartment cover securely. The device should power on automatically and display readings.

健康管理

季節の変わり目、寒暖天気の変化、季節に関わらず、
24時間1年中温度湿度を徹底にチェックしましょう。



Figure 2.1: Rear view of the device, highlighting the battery compartment for easy installation.

2.3 Placement Options

The HTC-1 offers two convenient placement options:

- **Tabletop Stand:** Utilize the integrated stand on the back of the unit to place it on any flat surface, such as a desk, shelf, or nightstand.
- **Wall Mount:** Use the keyhole slot on the back to hang the device on a wall using a nail or screw.

2way置き掛け両用タイプ



壁掛け用フック穴



卓上スタンド



Figure 2.2: Illustration of the device's versatile 2-way placement options: wall-mounted using the keyhole or standing on a tabletop.

3. OPERATING INSTRUCTIONS

3.1 Display Overview

The large LCD screen displays temperature, humidity, time, and calendar information. Temperature is

shown in the upper section, humidity in the lower right, and time in the lower left.



Figure 3.1: Detailed view of the easy-to-read LCD screen, clearly indicating temperature and humidity readings.

3.2 Button Functions

The device has three control buttons on the front:

- **MODE:** Used to switch between display modes (Time, Alarm, Calendar) and enter setting

modes.

- **ADJ (Adjust):** Used to adjust values during setting modes.
- **MEMORY:** Used to display maximum/minimum temperature and humidity, and to clear memory.

3.3 Setting Time and Date

1. In normal time display mode, press and hold the **MODE** button for a few seconds until the hour digits start flashing.
2. Use the **ADJ** button to adjust the hour.
3. Press **MODE** again to move to the minute setting, then use **ADJ** to adjust minutes.
4. Continue pressing **MODE** to cycle through year, month, and day settings, adjusting each with the **ADJ** button.
5. After setting the day, press **MODE** one last time to exit setting mode.

3.4 Setting the Alarm

1. From normal time display, press the **MODE** button once to enter Alarm mode (indicated by an alarm icon).
2. Press and hold the **MODE** button until the alarm hour digits flash.
3. Use the **ADJ** button to set the desired alarm hour.
4. Press **MODE** to move to the alarm minute setting, then use **ADJ** to adjust minutes.
5. Press **MODE** again to exit alarm setting mode.
6. To activate/deactivate the alarm, press the **ADJ** button in Alarm mode. An alarm icon will appear/disappear on the display.

3.5 Switching Between °C/°F

To switch the temperature unit between Celsius (°C) and Fahrenheit (°F), locate the small switch or button on the back or side of the device (often labeled °C/°F). Press or slide it to toggle the display unit.

3.6 Max/Min Temperature and Humidity Display

The device records the highest and lowest temperature and humidity values over a 24-hour period. These values automatically reset every 24 hours.

- Press the **MEMORY** button once to display the maximum (MAX) temperature and humidity recorded since the last reset.
- Press the **MEMORY** button again to display the minimum (MIN) temperature and humidity recorded.
- Press the **MEMORY** button a third time to return to the current real-time readings.

4. MAINTENANCE

4.1 Cleaning

- Wipe the device with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or immerse the device in water.

4.2 Battery Replacement

When the display becomes dim or the device stops functioning, it's time to replace the battery. Follow the battery installation steps in Section 2.2.

- Always use a fresh AAA battery.
- Dispose of used batteries responsibly according to local regulations.

4.3 Storage

If storing the device for an extended period, remove the battery to prevent leakage and damage.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Low or dead battery; Incorrect battery installation.	Replace the battery with a new AAA battery; Ensure correct polarity (+/-).
Inaccurate temperature/humidity readings	Sensor blocked; Device placed near heat/cold source or high humidity; Device recently moved.	Ensure sensor is clear; Relocate device to a stable environment away from direct sunlight, vents, or extreme humidity; Allow 10-15 minutes for readings to stabilize after moving.
Alarm not sounding or too quiet	Alarm not activated; Battery low.	Ensure alarm icon is displayed (refer to Section 3.4); Replace battery.
Time/Date incorrect	Not set correctly; Battery removed/replaced.	Reset time and date (refer to Section 3.3).

6. SPECIFICATIONS

- **Model:** HTC-1
- **Color:** Black
- **Display:** 3.8-inch LCD
- **Temperature Measurement Range:** -50°C to 70°C (-58°F to 158°F)
- **Humidity Measurement Range:** 10% RH to 99% RH
- **Storage Environment:** -20°C to 60°C (20% RH to 80% RH)
- **Power Source:** 1 x AAA Battery (included)
- **Dimensions:** 100mm x 92mm x 20mm
- **Weight:** 90g
- **Functions:** Thermometer, Hygrometer, Clock, Calendar, Alarm Clock, Max/Min Memory

7. WARRANTY AND SUPPORT

7.1 Quality Guarantee

This product comes with a **3-month quality guarantee** from the date of purchase. If any initial defects or malfunctions occur within this warranty period, please do not hesitate to contact our customer support team.

7.2 Customer Support

For any questions, concerns, or warranty claims, please contact GAMRY customer support through the platform where you purchased the product. Please have your purchase details ready to assist us in providing prompt service.