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## LIORQUE YGH5254

# LIORQUE YGH5254 Digital Thermo-Hygrometer User Manual

Model: YGH5254

## 1. INTRODUCTION

Thank you for choosing the LIORQUE YGH5254 Digital Thermo-Hygrometer. This device is designed to accurately measure and display temperature and humidity levels, providing essential information for maintaining a comfortable and healthy indoor environment. Its clear LCD display, comfort indicator, and memory function make it an ideal tool for monitoring conditions in various settings such as baby rooms, greenhouses, offices, or wine cellars.

## 2. PRODUCT OVERVIEW

### 2.1 Components

- **Large LCD Display:** Shows current temperature, humidity, and comfort level.
- **Temperature Unit Switch Button (0C/0F):** Located on the back of the device.
- **High/Low Records:** Displays maximum and minimum temperature and humidity over 24 hours.
- **Air Comfort Indicator:** Visual representation of humidity levels (DRY, COMFORT, WET).
- **Battery Compartment:** Located on the back, requires 2 AAA batteries.
- **Ventilation Slots:** For accurate sensor readings.
- **Integrated Magnet and Wall Mount:** For versatile placement options.

### 2.2 Key Features

- **Air Comfort Indicator:** Displays humidity levels as Dry (<30%), Comfort (30%-69%), or Wet (>69%). The arrow points to "Comfort" when humidity is between 30% and 69%.
- **Fast Response & Accuracy:** Updates measurements every 10 seconds with a temperature range of -90C to 600C. Features two ventilation slots for precise data.
- **Memory Function:** Records and displays the highest and lowest temperature and humidity values within a 24-hour period.
- **Selectable Units:** Easily switch between Celsius (0C) and Fahrenheit (0F) using a button on the back.
- **Longer Battery Life:** Powered by 2 AAA batteries (included), ensuring extended operation.
- **Versatile Placement:** Can be wall-mounted or placed on a surface using its integrated magnet or stand.



Figure 2.1: Front view of the LIORQUE YGH5254 Digital Thermo-Hygrometer, displaying temperature, humidity, and comfort levels.



Figure 2.2: The thermo-hygrometer in a typical home environment, demonstrating its wall-mount capability.



Figure 2.3: Detailed view of the comfort indicator, showing the three humidity zones: Dry (Feuchtigkeit < 30%), Comfort (30% < Feuchtigkeit < 60%), and Wet (Feuchtigkeit > 60%).



Figure 2.4: The display showing the recorded maximum and minimum values for temperature and humidity over a 24-hour period.



Figure 2.5: Rear view illustrating the ventilation slots for high accuracy and the 0C/0F toggle button.



Figure 2.6: Comparison highlighting the 3.6-inch large LCD screen for clear readability.

## 3. SETUP

### 3.1 Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover open.
3. Insert 2 AAA batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

The device will power on automatically and begin displaying temperature and humidity readings.

### 3.2 Placement

The LIORQUE YGH5254 offers flexible placement options:

- **Tabletop:** Use the integrated kickstand to place the device on any flat surface.
- **Wall Mount:** Utilize the keyhole slot on the back to hang the device on a nail or screw.
- **Magnetic Mount:** The built-in magnet allows attachment to metallic surfaces like refrigerators.

For accurate readings, place the device away from direct sunlight, heat sources, or strong drafts.

## 4. OPERATING INSTRUCTIONS

### 4.1 Reading the Display

The large LCD display shows the following information:

- **Current Temperature:** Displayed prominently in either Celsius (0C) or Fahrenheit (0F).
- **Current Humidity:** Displayed as a percentage (%).
- **Air Comfort Indicator:** A colored bar with an arrow indicating DRY (orange), COMFORT (green), or WET (blue).
  - DRY: Humidity < 30%
  - COMFORT: 30% 1 Humidity 1 69%
  - WET: Humidity > 69%
- **24-Hour High/Low Records:** Shows the maximum (HIGH) and minimum (LOW) temperature and humidity recorded

within the last 24 hours. These values automatically reset every 24 hours.

## 4.2 Switching Temperature Units (0C/0F)

To switch between Celsius and Fahrenheit, press the "0C/0F" button located on the back of the device. The display will instantly update to the selected unit.

## 5. MAINTENANCE

### 5.1 Cleaning

To clean the device, wipe it gently with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the device in water. Keep the ventilation slots clear of dust and debris to ensure accurate readings.

### 5.2 Battery Replacement

When the display becomes dim or the readings appear inconsistent, it's time to replace the batteries. Follow the battery installation steps in Section 3.1. Always use 2 new AAA alkaline batteries for optimal performance.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Batteries are dead or incorrectly installed.	Replace batteries with new AAA batteries, ensuring correct polarity.
Inaccurate readings	Device placed near heat/cold sources, direct sunlight, or in a draft. Ventilation slots are blocked.	Relocate the device to a stable environment. Ensure ventilation slots are clean and unobstructed. Allow 10-15 minutes for readings to stabilize after relocation.
Readings not updating	Temporary sensor glitch.	Remove and reinsert batteries to reset the device.

## 7. SPECIFICATIONS

- **Model:** YGH5254
- **Temperature Range:** -90C to 600C (15.80F to 1400F)
- **Humidity Range:** 0% to 99% RH
- **Temperature Accuracy:** 110C (11.80F)
- **Humidity Accuracy:** 15% RH
- **Update Rate:** Every 10 seconds
- **Power Source:** 2 x AAA Batteries (included)
- **Dimensions:** Approximately 9 x 7.6 x 5.2 cm
- **Weight:** Approximately 180 g
- **Mounting Options:** Wall Mount, Magnetic, Tabletop Stand

## 8. WARRANTY AND SUPPORT

LIORQUE products are manufactured with high-quality standards. For any questions, concerns, or technical support

regarding your YGH5254 Digital Thermo-Hygrometer, please refer to the contact information provided with your purchase or visit the official LIORQUE website. Please retain your proof of purchase for warranty claims.



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