

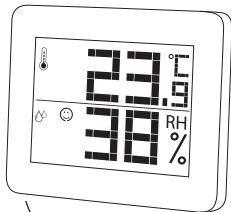
# ***hama***®

THE SMART SOLUTION

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## **TH-130**

### **Thermo-/Hygrometer**



Operating Instructions

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## Controls and Displays

- °C/°F-button  
= toggles between °C and °F
- **MAX/MIN** button  
= recalls the stored maximum/minimum values

## 1. Explanation of Warning Symbols and Notes

### Warning



This symbol is used to indicate safety instructions or to draw your attention to specific hazards and risks.

### Note



This symbol is used to indicate additional information or important notes.

## 2. Package Contents

- 1x Thermometer/hygrometer TH-130
- 1x button cell battery CR2025
- These operating instructions

## 3. Safety Notes

- The product is intended for private, non-commercial use only.
- Use the product for its intended purpose only.
- Do not use the product in the immediate vicinity of heaters or other heat sources or in direct sunlight.
- Do not operate the product outside the power limits given in the specifications.
- Do not use the product in moist environments and avoid splashes.
- Do not drop the product and do not expose it to any major shocks.
- Keep the packaging material out of the reach of children due to the risk of suffocation.
- Dispose of packaging material immediately according to locally applicable regulations.
- Do not modify the product in any way. Doing so voids the warranty.

### Warning – Batteries



- When inserting batteries, note the correct polarity (+ and - markings) and insert the batteries accordingly. Failure to do so could result in the batteries leaking or exploding.

## **Warning – Batteries**



- Only use batteries (or rechargeable batteries) that match the specified type.
- Before you insert the batteries, clean the battery contacts and the polar contacts.
- Do not allow children to change batteries without supervision.
- Do not mix old and new batteries or batteries of a different type or make.
- Remove the batteries from products that are not being used for an extended period (unless these are being kept ready for an emergency).
- Do not short-circuit batteries.
- Do not charge batteries.
- Do not throw batteries in a fire.
- Keep batteries out of the reach of children.
- Never open, damage or swallow batteries or allow them to enter the environment. They can contain toxic, environmentally harmful heavy metals.
- Immediately remove and dispose of dead batteries from the product.
- Avoid storing, charging or using batteries in extreme temperatures.

## **4. Getting Started**

### **4.1. Inserting the batteries**

- Pull the battery compartment out by the notch. Remove the contact breaker
- Gently push the battery compartment back into the housing until it clicks into place.

### **4.2. Replacing the batteries**

- Pull the battery compartment out by the notch.
- Remove the spent battery and insert a new CR2025 button cell, observing polarity.
- Gently push the battery compartment back into the housing until it clicks into place.

## **5. Installation**

- You can either stand the thermometer/hygrometer on an even surface using the fold-out stand on the back of the device, or attach it to a wall using the opening on the back of the device.
  - Install an anchor, screw, nail, etc. in the wall of your choice.
- Hang up the thermometer/hygrometer by the notch.

## Warning



Before mounting, check that the wall you have chosen is suitable for the weight to be mounted. Also make sure that there are no electric, water, gas or other lines running through the wall at the mounting site.

## 6. Operation

- After inserting a battery, all of the segments of the display will flash briefly.
- The thermometer/hygrometer is now ready for use.
- After calibration, the top half of the display shows the measured temperature value, while the bottom half of the display shows the measured air humidity value.
- If the measured value is outside of the measuring range, LLL (value lower than minimum) or HH.H (value higher than maximum) will appear on the temperature display.
- Once the elements on the display begin to dim, replace the batteries as described in

### 4. Getting Started.

#### 6.1. Celsius / Fahrenheit



- Press the **°C/°F** button to switch between °C and °F for the temperature display.


#### 6.2. Maximum and minimum temperature and humidity values

- The thermometer/hygrometer automatically stores the maximum and minimum temperature and humidity values.
- Repeatedly press the **MAX/MIN** button to switch between the current temperature and humidity, minimum temperature and humidity (**MIN**) and maximum temperature and humidity (**MAX**).
- The maximum and minimum values are automatically deleted every 24 hours.

#### 6.3. Comfort display

The thermometer/hygrometer displays the following comfort ranges based on the ratio between the current room temperature and room humidity:

Display	Temperature range	Humidity range	Comfort range
	—	< 40%	— Dry — Ambient air too dry
	20°C – 26°C / 68°F – 78.8°F	40% – 70%	— Comfort — Ideal temperature and humidity

	—	70%	— Moist — Humidity too high
Not displayed	< 20°C / 68°F > 26°C / 78.8°F	40% – 70%	— No indicator —


## 7. Care and Maintenance

Only clean this product with a slightly damp, lint-free cloth and do not use aggressive cleaning agents. Make sure that water does not get into the product.

## 8. Warranty Disclaimer

Hama GmbH & Co KG assumes no liability and provides no warranty for damage resulting from improper installation/mounting, improper use of the product or from failure to observe the operating instructions and/or safety notes.

## 9. Technical Data

	Thermometer/hygrometer TH-130
Power supply	3 V 1x CR2025 button cell battery
Measuring range Temperature Humidity	0°C – 50°C / 32°F – 122°F 20% – 95%
Size	82 x 100 x 11 mm
Weight	71.4 g (including battery)

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