

beurer

HM 22



EN Thermo hygrometer
Instructions for use

CE

ENGLISH



Read these instructions for use carefully. Observe the warnings and safety notes. Keep these instructions for use for future reference. Make the instructions for use accessible to other users. If the device is passed on, provide the instructions for use to the next user as well.

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1. INCLUDED IN DELIVERY

Check that the exterior of the cardboard delivery packaging is intact and make sure that all contents are present. Before use, ensure that there is no visible damage to the device or accessories and that all packaging material has been removed. If you have any doubts, do not use the device and contact your retailer or the specified Customer Service address.

1 x thermo hygrometer

2 x AAA batteries

1 x set of these instructions for use

2. SIGNS AND SYMBOLS

The following symbols are used on the device, in these instructions for use, on the packaging and on the type plate for the device:

DANGER

Indicates an imminent danger. If it is not avoided, it will result in death or serious injury.

WARNING

Indicates a potentially impending danger. If it is not avoided, there is a risk of death or serious injury.

CAUTION

Indicates a potentially impending danger. If it is not avoided, slight or minor injuries may result.

NOTICE

Indicates a potentially harmful situation. If it is not avoided, the system or something in its vicinity may be damaged.



Product information

Note on important information



Read the instructions



CE labelling

This product satisfies the requirements of the applicable European and national directives

	Disposal in accordance with the Waste Electrical and Electronic Equipment EC Directive – WEEE
	Do not dispose of batteries containing harmful substances with household waste
	Manufacturer
	Marking to identify the packaging material. A = Material code, B = Material number: 1-7 = Plastics, 20-22 = Paper and cardboard
	The products demonstrably meet the requirements of the Technical Regulations of the EAEU
	United Kingdom Conformity Assessed Mark
 	Separate the product and packaging elements and dispose of them in accordance with local regulations.
	Importer symbol

3. PROPER USE

⚠ WARNING

The device is solely intended for measuring humidity and room temperature. The device is intended for private use only. Use the device for the purpose it was developed for only and in the manner specified in these instructions for use. Any form of

improper use can be dangerous! The manufacturer is not liable for damage resulting from improper or incorrect use.

4. WARNINGS AND SAFETY NOTES

WARNING

- Keep packaging material away from children. There is the risk of suffocation.
- The device is not a toy. Keep out of the reach of children.
- Under no circumstances should you open or repair the device yourself, as faultless functionality can no longer be guaranteed thereafter. Failure to comply will invalidate the warranty.
- For repairs, please contact Customer Services or an authorised retailer.
- Keep the device away from naked flames (e.g. candles).
- Never submerge the device in water or other liquids.
- Never use the device underneath a cover, such as a blanket or pillow.
- Do not use the device outside.

Notes on handling batteries

DANGER

- **Choking hazard!** Keep batteries out of the reach of children. Seek medical attention immediately if swallowed. Swallowing them may cause burns, severe internal injuries, and death.
- Never allow children to replace batteries without adult supervision.

WARNING

- **Risk of explosion! Risk of fire!** Failure to comply with the following points can result in personal injury or cause overheating, leakage, venting, breakage, explosion, or fire on the battery.
- This device contains non-rechargeable batteries which must not be charged.
- Do not throw batteries into a fire.

- Never charge, forcibly discharge, heat, disassemble, open, crush, deform, encapsulate, or modify batteries.
- Never short-circuit batteries or battery compartment contacts.
- Protect the batteries from direct sunlight, rain, heat, and water.
- Exposure of batteries to an environment with extremely high temperatures or an extremely low air pressure may result in explosion or leakage of flammable liquids and gases.
- Dispose of defective and discharged batteries immediately and properly (see chapter on disposal).
- Do not use modified or damaged batteries.
- Always select the correct battery type.
- Always insert the batteries correctly, taking into account the polarity (+ / -).
- Never mix batteries of different manufacturers, capacities (new and used), size, or type within a device.
- If a battery has leaked, put on protective gloves and clean the battery compartment with a dry cloth.
- If fluid from a battery comes into contact with your skin or eyes, wash the affected areas with water and seek medical assistance.

CAUTION

- Store batteries in a well-ventilated, dry, and cool place in a non-conductive container in which the batteries cannot be short-circuited to each other or by other metal objects.
- Keep batteries clean and dry.
- Keep batteries away from water.
- If the device is not going to be used for a long period of time, remove the batteries from the battery compartment.

NOTICE

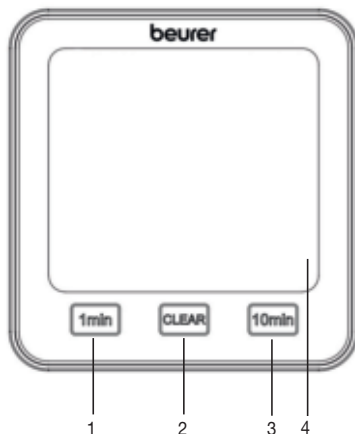
- Do not use rechargeable batteries.

CAUTION

- Protect the device from knocks, damp, dust, chemicals, significant fluctuations in temperature, direct sunlight, splashes, and sand, and ensure that sources of heat are at a sufficient distance (ovens or heaters).
- Do not place any objects on top of the device.
- Clean the device with a damp cloth. Do not use any abrasive cleaning products.
- Use and store the device at an ambient temperature between -10°C and 50°C. Higher or lower temperatures may damage the device.
- In a changing environment the device requires 10 minutes to deliver a reliable measurement.
- Before using the device for the first time, remove the protective film from the display.

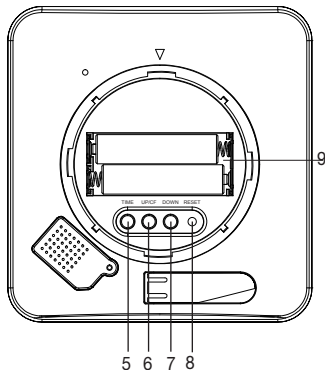
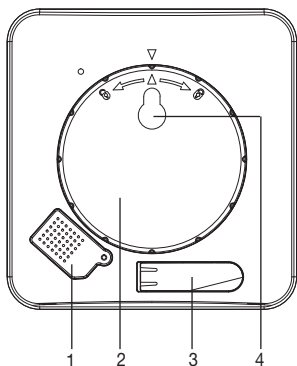
5. DEVICE DESCRIPTION

Front



1	[1 min] button
2	[CLEAR] button
3	[10min] button
4	Display

Rear



1 Sensor cover	5 [TIME] button
2 Battery compartment lid	6 [UP/CF] button
3 Fold-out stand	7 [DOWN] button
4 Mounting fixture	8 [RESET] button
	9 Battery compartment

6. INITIAL USE

6.1 Inserting the batteries

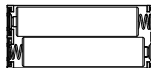
NOTICE

Before you can use the thermo hygrometer, you first have to insert two AAA batteries (included in delivery) into the battery compartment. Proceed as follows:

1. A round battery compartment lid is located on the rear of the thermo hygrometer. Twist the battery compartment lid anti-clockwise. Now remove the battery compartment lid.



2. Insert the two AAA batteries included in delivery into the battery compartment. When inserting the batteries, pay attention to the correct polarity (+/-), as shown in the battery compartment. As soon as the batteries are correctly inserted, all display elements appear on the display for 3 seconds. The thermo hygrometer then automatically switches to standard mode.



3. Before you replace the battery compartment lid, you first have to set the date and time. To do so, follow the instructions in the following section.

6.2 Setting the date/time/temperature unit

1. To switch between the 12 and 24-hour modes, press the [TIME] button. To switch between Celsius (°C) and Fahrenheit (°F), press the [UP/CF] button.
2. The order in the settings menu is:

Year -> Month -> Day -> Hour -> Minute

To access the settings menu, press and hold the [TIME] button for 3 seconds. The year starts to flash in the display.

3. Set the current year using the [UP/CF]/[DOWN] buttons. Confirm using the [TIME] button. The month now flashes in the display.
4. Now set the month, day, hour and minute one after the other in the same manner using the [UP/CF]/[DOWN] buttons and confirm each using the [TIME] button.

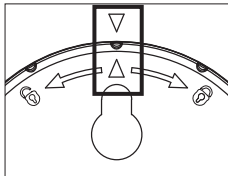


If you do not press any buttons for 7 seconds in the settings menu, you will automatically exit the settings menu.

5. Place the battery compartment lid back on the battery compartment.

6. To close the battery compartment lid, twist it in a clockwise direction until you feel it click firmly into place. Make sure that the arrow markings of the device and the battery compartment lid line up.

7. You can use the fold-out stand to create a stand-alone device or you can mount it on the wall using the mounting fixture (on the back of the device).



6.3 Resetting to factory settings

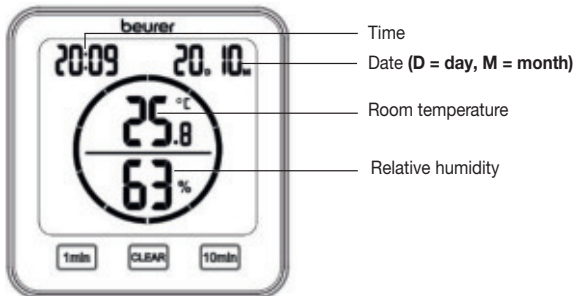
To reset the date and time to factory settings, briefly press the [RESET] button using a pointed object.

7. USAGE

The thermo hygrometer has a standard mode and a timer mode.

7.1 Standard mode

If you do not press any buttons on the thermo hygrometer, the standard mode is automatically shown on the display.



NOTICE

After initial use, it may take 10 minutes until the correct temperature and humidity are displayed.

7.2 Timer

You can also set a timer of up to 99 minutes on the thermo hygrometer.

1. In order to start the timer, set your desired timer duration using the [1 min] button and the [10 min] button. The set timer duration appears in the centre of the display. If you do not press any buttons for 3 seconds, the timer starts automatically with a beep. A beep sounds again when the timer elapses. To switch off the beep, press the [CLEAR] button.
2. In order to end a timer early, press the [CLEAR] button.



Remaining minutes on the timer

Remaining seconds on the timer

8. CLEANING AND MAINTENANCE

⚠ CAUTION

- Clean the device with a damp cloth. Do not use any abrasive cleaning products or hard brushes.
- Under no circumstances may liquid enter the device.
- If you do not plan to use the device for a long period of time, we recommend that you store it in the original packaging in a dry environment, ensuring it is not weighed down by additional items.

9. WHAT IF THERE ARE PROBLEMS?

Problem	Possible cause	Solution
Device will not switch on	Flat batteries	Insert new batteries
 appears on the display	Batteries almost flat	Insert new batteries

The device will not switch on although new batteries have been inserted	The device is faulty	Contact Customer Services
LL.L appears on the display	Room temperature below -10°C (14°F)	Room temperature is outside the measurement range
HH.H appears on the display	Room temperature above 50°C (122°F)	Room temperature is outside the measurement range
LL appears on the display	Relative humidity below 20%	Relative humidity is outside the measurement range
HH appears on the display	Relative humidity above 95%	Relative humidity is outside the measurement range
Device displays an incorrect temperature and relative humidity or does not display them at all	Changing environment	After initial use, it may take 10 minutes until the correct data is displayed

10. DISPOSAL

For environmental reasons, do not dispose of the device in household waste at the end of its service life. Dispose of the device at a suitable local collection or recycling point in your country. Dispose of the device in accordance with EC Directive – WEEE (Waste Electrical and Electronic Equipment).

If you have any questions, please contact the local authorities responsible for waste disposal. You can obtain the location of collection points for old devices from the local or municipal authorities, local waste disposal companies or your retailer, for example.



Battery disposal

Empty, completely flat batteries must be disposed of through specially designated collection boxes, recycling points or electronics retailers. You are legally required to dispose of the batteries.

The codes below are printed on batteries containing harmful substances:

Pb = battery contains lead,

Cd = battery contains cadmium,

Hg = battery contains mercury.



11. TECHNICAL SPECIFICATIONS

Type	HM 22
Item number	678.04
Supply	2 x 1.5 V — — — AAA LR03 battery
Weight	135 g (without batteries)
Dimensions	110 x 105 x 29.5 mm
Temperature measurement range	-10 to 50°C (14 to 122°F)
Humidity measurement range	20 to 95% relative humidity

12. WARRANTY

Further information on the guarantee and guarantee conditions can be found in the guarantee leaflet supplied.



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