



Weather Station ·

Quadro-NG-Thermo-Hygro

EN Instruction manual

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Le produit est recyclable, soumis à une responsabilité élargie du producteur et fait l'objet d'une collecte sélective. Lors de l'élimination, il convient de respecter les règles d'élimination complémentaires applicables en France :



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# 1 Imprint

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[www.bresser.de](http://www.bresser.de)

For any warranty claims or service inquiries, please refer to the information on "Warranty" and "Service" in this documentation. We ask for your understanding that unsolicited returns cannot be processed.

Errors and technical changes excepted.

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The designations and brand names of the respective companies used in this documentation are generally protected by trade, trademark and/or patent law in Germany, the European Union and/or other countries.

# 2 Validity note

This documentation is valid for the products with the following article numbers:

7000028

**Manual version:** v062023a

**Manual designation:**

Manual\_7000028\_Quadro-NG-Thermo-Hygro\_en\_BRESSER\_v062023a

Always provide information when requesting service.

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### 3 Features

- Thermo-/hygrometer with 3 outdoor sensors
- 4 measurement results for temperature and relative humidity
- Indoor climate indicator as smiley
- Min./max. memory for temperature and humidity
- Alarm function for maximum and minimum values (High/Low)
- Can be placed on a tabletop or mounted to the wall
- Dimensions: 102x24x139 mm
- Batteries: 2x AA (station), 6x AAA (sensors)

### 4 About this Instruction Manual

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#### NOTICE



**These operating instructions are to be considered a component of the device.**

Read the safety instructions and the instruction manual carefully before using this device.

Keep these instruction manual in a safe place for future reference. If the device is sold or passed on, the instruction manual must be passed on to any subsequent owner/user of the product.

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### 5 General safety instructions

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#### **DANGER**



#### **Danger of suffocation!**

Improper use of this product may result in suffocation, especially for children. It is therefore imperative that you observe the following safety information.

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- 
- Keep packaging materials (plastic bags, rubber bands, etc.) away from children! There is a danger of choking!
  - This product contains small parts that can be swallowed by children! Choking hazard!



## **DANGER**



### **Risk of an electric shock!**

This device contains electronic parts that are powered by a power source (AC adapter and/or batteries). Improper use of this product may result in electric shock. Electric shock can cause serious or fatal injuries. It is therefore imperative that you observe the following safety information.

- 
- Never leave children unattended when handling the device! Follow the instructions carefully and do not attempt to power this device with anything other than power sources recommended in this instruction manual, otherwise there is a danger of an electric shock!



## **DANGER**



### **Explosion hazard!**

Improper use of this product may result in fire. It is essential that you observe the following safety information in order to avoid fires.

- 
- Do not expose the device to high temperatures. Use only the recommended batteries. Do not short-circuit the device or batteries, or throw them into a fire! Excessive heat or improper handling could trigger a short-circuit, a fire or an explosion!

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## NOTICE



### **Danger of material damage!**

Improper handling may result in damage to the unit and/or accessories. Therefore, use the device only in accordance with the following safety information.

- Do not disassemble the device! In the event of a defect, please contact your dealer. They will contact the Service Center and can arrange the return of this device for repair if necessary.
- Do not immerse the unit in water!
- Do not expose the device to impacts, vibrations, dust, constant high temperatures or excessive humidity. This can result in malfunctions, short-circuits or damage to the batteries and components.
- Use only the recommended batteries. Always replace weak or empty batteries with a new, complete set of batteries at full capacity. Do not use batteries from different brands or types or with different capacities. Remove batteries from the device if it is not to be used for a longer period of time!

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## NOTICE



### **Risk of voltage damage!**

The manufacturer is not liable for damage related to improperly installed batteries!



## 6 Parts overview and scope of delivery

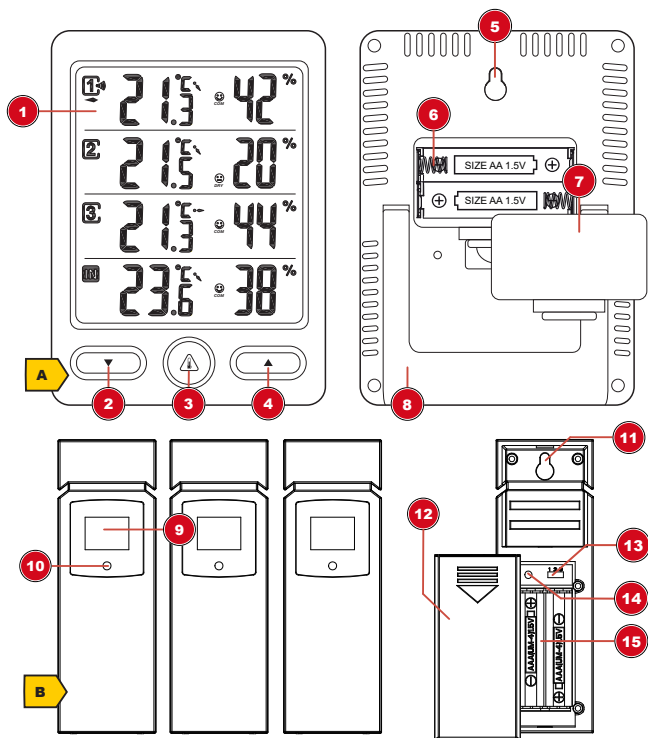


Illustration 1: All parts of base station (top) and wireless sensor (bottom)

- |   |                        |   |  |
|---|------------------------|---|--|
| 1 | Display (base station) | 2 | MEM button (display MIN and MAX values or delete saved values) / DOWN button (downward value change) |
|---|------------------------|---|--|

|    |                                       |    |  |
|----|---------------------------------------|----|--|
| 3  | ALERT button (temperature alarm)      | 4  | Channel button (sensor channel selection) / UP button (value change upwards) |
| 5  | Wall mount fixture                    | 6  | Battery compartment  |
| 7  | Battery compartment cover             | 8  | Stand  |
| 9  | Display (wireless sensor)             | 10 | Function indicator light   |
| 11 | Wall mount fixture                    | 12 | Battery compartment cover (wireless sensor)                                  |
| 13 | Slide control for channel selection   | 14 | RESET knob (reset all settings)  |
| 15 | Battery compartment (wireless sensor) |    |  |

### **Scope of delivery**

Base device (A), 3x wireless sensor (B)

### **Also required (not included):**

Station: 2 pcs Mignon batteries (1.5V, type AA)

Sensors: 6 pcs. Micro batteries (1.5V, type AAA) (2 pieces per sensor)

## 7 Screen display

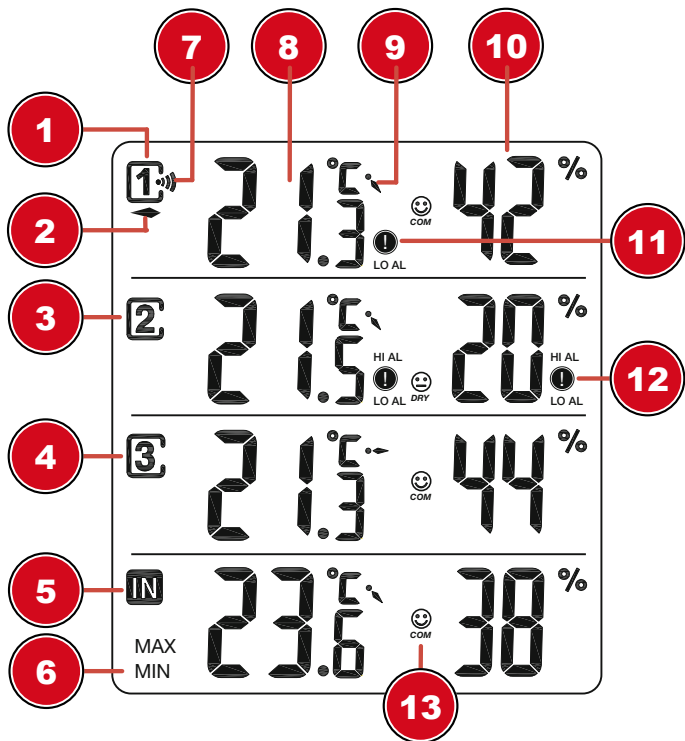


Illustration 2: Screen display

|   |                        |   |  |
|---|------------------------|---|--|
| 1 | Channel 1 display area | 2 | Indicator for currently selected channel       |
| 3 | Channel 2 display area | 4 | Channel 3 display area                         |
| 5 | Indoor display area    | 6 | Symbol for highest (MAX) or lowest (MIN) value |

---

|    |  |    |   |
|----|--|----|---|
| 7  | Symbol for the RCC signal                                | 8  | Temperature   |
| 9  | Trend arrow  | 10 | Humidity  |
| 11 | Alarm symbol for high (HI AL) or low (LO AL) temperature | 12 | Alarm symbol for high (HI AL) or low (LO AL) humidity |
| 13 | Climate indicator (optimum, dry, humid)                  |    |   |

## 8 Before commissioning

### NOTICE



#### **Avoid connection faults!**

In order to avoid connection problems between the devices, the following points must be observed during commissioning.

1. Place the base unit (receiver) and sensor (transmitter) as close together as possible.
2. Connect the power supply to the base unit and wait until the indoor temperature is displayed.
3. Establish power supply for the sensor.
4. Set up/operate the base unit and sensor within the effective transmission range.
5. Make sure that the base unit and the radio sensor are set to the same channel.

When changing the batteries, always remove the batteries from both the base unit and the sensor and reinsert them in the correct order so that the radio link can be re-established. If one of the two devices is operated via a mains power connection, the power connection must also be briefly disconnected for this device when the batteries are changed. If, for example, only the batteries in the sensor are replaced, the signal may subsequently not be received at all or not be received correctly.

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Note that the actual range depends on the respective construction materials used for the buildings as well as the respective position of the base unit and the outdoor sensor. External influences (various radio transmitters and other sources of interference) can greatly reduce the possible range. In such cases, we recommend finding other locations for both the base unit and the outdoor sensor. Sometimes moving the sensor by just a few centimeters is enough!

## 9 Setting up power supply

### **Base unit**

1. Remove the battery compartment cover.
2. Insert the batteries into the battery compartment. Make sure that the battery terminals are correctly aligned (+/-).
3. Replace the battery compartment cover.
4. Wait until indoor temperature is displayed on the base unit.

### **Wireless sensor**

5. Remove the battery compartment cover.
6. Move the channel slider to the desired channel.

**NOTICE! This Thermo-Hygrometer can be operated with up to 3 wireless sensors. Each connected wireless sensor must be operated on a different channel. If only one wireless sensor is connected, it should be operated on channel 1.**

7. Insert the batteries into the battery compartment. Make sure that the battery terminals are correctly aligned (+/-).
8. Replace the battery compartment cover.

---

## 10 Receiving measurements automatically

Once batteries are installed, the base station will display the measurement readings. Readings from the remote sensor will be displayed within 3 minutes after powering it on.

## 11 Select channel

In normal display mode, press the CH/UP button on the base station several times to select the desired channel.

Sequence: Channel 1 > Channel 2 > Channel 3 > Inside.

With the channel selected, press the CH/UP button for approx. 3 seconds to reset the values and to initiate reception again.

## 12 HI/LO Alert

### **To set alert**

1. Press the CH/UP button to select the desired channel.
2. In normal display mode, press the ALERT button for about 4 seconds to enter the temperature alarm settings mode.
3. Press the CH/UP or MEM/DOWN button to change the value.

### **Activate/deactivate the alarm**

To activate or deactivate the alarm, press and hold the ALERT button for about 4 seconds while the value is still flashing. The alarm symbol appears on the screen.

4. Press the ALERT button to confirm and switch to the next setting.
5. Sequence of settings: Temperature high > Temperature low > Humidity high > Humidity low.
6. Finally, press the ALERT button to save the settings and return to normal mode.

### **Display set alarm values**

In normal display mode, press the ALERT button several times to display the currently set high/low alarm values. Sequence: High values (HI AL) > Low values (LO AL) > Normal mode

### Disable when an alarm is active

Press the Alert button to stop the alarm sound. HI AL or LO AL continues to flash on the screen.

## 13 Clima indicator



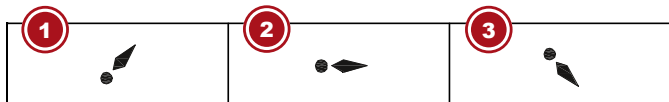
- |   |   |   |                    |
|---|---|---|--------------------|
| 1 | COMFORT: Optimal (Temperature between 20-28°C and humidity between 40% and 70%) | 2 | DRY: Humidity >65% |
| 3 | WET: Humidity <45%  |   |                    |

The clima indicator is a pictorial indication based on air temperature and humidity in an attempt to determine comfort level.

Note:

- Comfort indication can vary under the same temperature, depending on the humidity.
- There is no comfort indication when temperature is below 0° C (32° F) or over 60° C (140° F)

## 14 Trend arrow indicators



1 Rising  
3 Falling

2 Steady

The temperature and humidity trend indicator shows the trends of changes in the forthcoming few minutes. Arrows indicate a rising, steady or falling trend.

## 15 Temperature display

In normal display mode, press the MEM/DOWN key for 3 seconds to toggle between °C and °F.

## 16 MAX/MIN weather data

The maximum and minimum readings for indoor and outdoor temperature as well as for the humidity are stored by the base station over a period of 24 hours:

1. Press the [DOWN] key several times to display the stored values one after the other.
2. Display sequence: Maximum values (MAX) > Minimum values (MIN) > Current values
3. When the maximum or minimum values are displayed, press the DOWN key for approx. 2 seconds to irrevocably delete all stored values.

## 17 Disposal



Dispose of the packaging materials according to its type. Information on proper disposal can be obtained from the municipal waste disposal service provider or environmental agency.





Do not dispose of electronic devices in the household garbage!



According to the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment and its transposition into national law, used electrical equipment must be collected separately and recycled in an environmentally sound manner.



Batteries and rechargeable batteries must not be disposed of with household waste. You are legally obliged to return used batteries and accumulators and can return them after use either at our sales outlet or in the immediate vicinity (e.g. in the trade or in municipal collection points) free of charge.

Batteries and accumulators are marked with a crossed-out dustbin and the chemical symbol of the pollutant, "Cd" stands for cadmium, "Hg" stands for mercury and "Pb" stands for lead.



Cd<sup>1</sup>



Hg<sup>2</sup>



Pb<sup>3</sup>

## 18 Technical data

### Base station

Batteries: 2x AA batteries

Temperature measurement unit: °C or °F selectable

Temperature measurement range: -9.9°C to +50°C

Humidity measurement range: rH 20% to 95%

### Wireless sensor

Batteries: 2x AAA batteries

Temperature measurement unit: °C or °F selectable

Temperature measurement range: -40°C to +70°C

Transmission frequency: 433Mhz

Maximum transmission power: below 10mW

Transmission range: up to 80 m (in interference-free terrain)

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## 19 Warranty

The regular warranty period is 2 years and starts on the day of purchase. To benefit from an extended voluntary warranty period as indicated on the gift box, registration on our website is required.

You can consult the full guarantee terms as well as information on extending the guarantee period and details of our services at **[www.bresser.de/warranty\\_terms](http://www.bresser.de/warranty_terms)**.

## 20 EC declaration of conformity

**CE** Bresser GmbH hereby declares that the radio equipment type with item number 7000028 is in compliance with Directive 2014/53/EU. The full text of the EC Declaration of Conformity is available at the following web address:  
[www.bresser.de/download/7000028/CE/7000028\\_CE.pdf](http://www.bresser.de/download/7000028/CE/7000028_CE.pdf)

## 21 UKCA declaration of conformity

**UK  
CA** A "Declaration of Conformity" in accordance with the applicable directives and relevant standards has been issued by Bresser GmbH. The full text of the UKCA Declaration of Conformity is available at the following web address:  
[www.bresser.de/download/7000028/UKCA/7000028\\_UKCA.pdf](http://www.bresser.de/download/7000028/UKCA/7000028_UKCA.pdf)

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## Service

### DE AT CH BE

Bei Fragen zum Produkt und eventuellen Reklamationen nehmen Sie bitte zunächst mit dem Service-Center Kontakt auf, vorzugsweise per E-Mail.

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\*Lokale Rufnummer in Deutschland (Die Höhe der Gebühren je Telefonat ist abhängig vom Tarif Ihres Telefonanbieters); Anrufe aus dem Ausland sind mit höheren Kosten verbunden.

### GB IE

Please contact the service centre first for any questions regarding the product or claims, preferably by e-mail.

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#### **BRESSER UK Ltd.**

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Edenbridge, Kent TN8 6HF  
Great Britain

\*Number charged at local rates in the UK (the amount you will be charged per phone call will depend on the tariff of your phone provider); calls from abroad will involve higher costs.

### FR BE

Si vous avez des questions concernant ce produit ou en cas de réclamations, veuillez prendre contact avec notre centre de services (de préférence via e-mail).

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83170 Brignoles  
France

\*Prix d'un appel local depuis la France ou Belgique

### NL BE

Als u met betrekking tot het product vragen of eventuele klachten heeft kunt u contact opnemen met het service centrum (bij voorkeur per e-mail).

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\*Het telefoonnummer wordt in het Nederland tegen lokaal tarief in rekening gebracht. Het bedrag dat u per gesprek in rekening gebracht zal worden, is afhankelijk van het tarief van uw telefoon provider; gesprekken vanuit het buitenland zullen hogere kosten met zich meebrengen.

### ES PT

Si desea formular alguna pregunta sobre el producto o alguna eventual reclamación, le rogamos que se ponga en contacto con el centro de servicio técnico (de preferencia por e-mail).

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