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› Bresser 8-Channel Weather Station Thermo/Hygro Outdoor Sensor Instruction Manual

BRESSER 7009998

Bresser 8-Channel Weather Station Thermo/Hygro Outdoor Sensor

Model: 7009998

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Bresser 8-Channel Thermo/Hygro Outdoor Sensor. This sensor is designed to accurately measure outdoor temperature and humidity and transmit the data wirelessly to compatible Bresser weather stations.

Please read this manual thoroughly before using the device to ensure proper function and to prevent damage.

SAFETY INFORMATION

- Keep the device away from extreme temperatures, direct sunlight, strong vibrations, and moisture.
- Do not immerse the device in water or other liquids.
- Do not attempt to disassemble or modify the device. This will void the warranty.
- Use only the specified battery type (2 x AA batteries). Ensure correct polarity when inserting batteries.
- Dispose of used batteries according to local regulations.
- This device is not a toy. Keep out of reach of children.

PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- 1x Bresser Thermo/Hygro Outdoor Sensor (Model: 7009998)
- 1x Instruction Manual

Note: 2x AA batteries are required for operation and are not included in the package.

PRODUCT OVERVIEW



Figure 1: Front View of the Sensor

This image shows the front of the Bresser Thermo/Hygro Outdoor Sensor. Visible features include the "433MHz HYGRO-THERMO SENSOR" label and the Bresser logo. The small horizontal line above the 433MHz text is the transmission indicator light.



Figure 2: Back View of the Sensor

This image displays the back of the Bresser Thermo/Hygro Outdoor Sensor. Key features include the hanging hole for wall mounting, the battery compartment cover, and the channel selection switch (often labeled CH or 1-8) which is typically located inside the battery compartment or near it.

Key Components:

- **Temperature/Humidity Sensor:** Measures ambient temperature and humidity.
- **Transmission Indicator:** A small LED that flashes when data is transmitted.
- **Battery Compartment:** Holds 2x AA batteries.
- **Channel Selection Switch:** Allows selection of one of 8 available channels for pairing with a weather station.
- **Wall Mount Hole:** For easy installation on a wall or other vertical surface.

SETUP

1. Insert Batteries:

- Open the battery compartment cover on the back of the sensor.
- Insert 2x AA batteries, ensuring correct polarity (+ and -).
- Close the battery compartment cover securely.

2. Select Channel:

- Locate the channel selection switch (usually a small dip switch or button) inside or near the battery

compartment.

- Select a channel (e.g., Channel 1). If you plan to use multiple sensors, ensure each sensor is set to a different channel.

3. Pair with Weather Station:

- Place the sensor near your compatible Bresser weather station (e.g., Bresser Meteo THBM, Meteo Life).
- Refer to your weather station's manual for specific instructions on how to initiate pairing or search for new outdoor sensors.
- The sensor will automatically begin transmitting data once powered on. The weather station should detect and display the temperature and humidity readings for the selected channel.

4. Mounting the Sensor:

- Choose a suitable outdoor location, preferably in a shaded area to avoid direct sunlight affecting temperature readings.
- Ensure the location is protected from direct rain and snow.
- Mount the sensor vertically using a screw through the wall mount hole on the back.
- The maximum transmission range is up to 50 meters in open air. Obstacles like walls and trees can reduce this range.

OPERATING

Once set up and paired, the Bresser Thermo/Hygro Outdoor Sensor operates automatically. It continuously measures temperature and humidity and transmits this data wirelessly to your main weather station at regular intervals.

- **Data Transmission:** The sensor transmits data approximately every 60 seconds. The transmission indicator light on the front of the sensor will briefly flash during transmission.
- **Display on Weather Station:** Your compatible weather station will display the received temperature and humidity data for the corresponding channel. If you have multiple sensors, you can typically cycle through the channels on your weather station to view data from each.

MAINTENANCE

- **Cleaning:** Wipe the sensor casing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** When the batteries are low, your weather station may indicate a low battery warning for the sensor. Replace both AA batteries simultaneously, ensuring correct polarity.
- **Sensor Placement:** Periodically check the sensor's outdoor placement to ensure it remains protected from direct weather elements and is not obstructed, which could affect readings or signal transmission.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No readings on weather station.	- Batteries are dead or inserted incorrectly. - Sensor is out of range. - Incorrect channel selected on sensor or weather station. - Interference from other electronic devices.	- Replace batteries, check polarity. - Move sensor closer to the weather station. - Ensure sensor and weather station are set to the same channel. - Move sensor away from potential sources of interference (e.g., TVs, computers).
Inaccurate temperature/humidity readings.	- Sensor exposed to direct sunlight or heat sources. - Sensor exposed to direct rain or moisture.	- Relocate sensor to a shaded, well-ventilated area. - Ensure sensor is protected from direct weather elements.
Short transmission range.	- Obstacles between sensor and weather station. - Low battery power.	- Minimize obstacles (walls, large metal objects). - Replace batteries.

SPECIFICATIONS

Feature	Detail
Model Number	7009998
Dimensions (L x W x H)	60 x 37 x 113 mm (2.36 x 1.46 x 4.45 inches)
Weight	92 grams (0.2 lbs)
Power Source	2 x AA batteries (not included)
Frequency	433 MHz
Transmission Range	Up to 50 meters (164 feet) in open air
Channels	8 adjustable channels
Material	Plastic
Compatibility	Bresser Weather Stations: 7007900000000, 7007910000000, 700800000000, 70080010000000

WARRANTY AND SUPPORT

Bresser provides a manufacturer's warranty for this product. Please refer to the warranty card included with your purchase or visit the official Bresser website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or spare parts inquiries, please contact Bresser customer service.

Contact information can typically be found on the Bresser website or on the product packaging.

Online Resources:

- Official Bresser Website: www.bresser.de
- Product Support Page (if available): Check the Bresser website for a dedicated support page for model 7009998.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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