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> Bresser 7009994 Thermo/Hygro Outdoor Sensor Instruction Manual

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INTRODUCTION

This manual provides comprehensive instructions for the Bresser 7009994 Thermo/Hygro Outdoor Sensor. This sensor is designed to accurately measure external temperature and humidity, transmitting this data wirelessly to compatible Bresser weather stations. It is compatible with Bresser Weather Stations models 9501200, 9501201, 9501202, and 7007400.

SAFETY INFORMATION

- Read all instructions thoroughly before operating the device.
- Keep the sensor out of reach of children.
- Do not expose the device to extreme temperatures, direct sunlight, or excessive moisture for prolonged periods.
- Use only the specified battery type (2 x AAA). Do not mix old and new batteries, or different types of batteries.
- Dispose of used batteries according to local regulations.

PRODUCT FEATURES

- Measures external temperature and humidity.
- Transmits data wirelessly to a compatible weather station.
- Integrated LCD display shows current temperature, humidity, and selected channel.
- Operates on a 433 MHz transmission frequency.
- Wireless range of up to 50 meters in open outdoor areas.
- Supports 3 different channels for connecting multiple sensors to one weather station.
- Features a foldable stand and a hanging device for flexible placement options.
- Compact dimensions: 95 x 60 x 30 mm.
- Lightweight design: 50 grams.
- Requires 2 AAA batteries for operation (not included).

SETUP

1. Battery Installation

1. Locate and open the battery compartment cover on the back of the sensor.
2. Insert two (2) AAA batteries, ensuring correct polarity (+ and - terminals).
3. Close the battery compartment cover securely.

2. Channel Selection

1. Inside the battery compartment, locate the small selector switch labeled '1', '2', '3'.
2. Set this switch to the desired channel (e.g., Channel 1). This channel must match the channel selected on your main Bresser weather station for proper communication.

3. Sensor Placement

Place the sensor in an outdoor location that provides accurate environmental readings. Avoid direct sunlight, heavy rain, or areas with significant obstructions (e.g., thick walls, large metal objects) that could interfere with the wireless signal. The sensor features a foldable stand for tabletop placement and a hanging device for wall mounting. Ensure the sensor is within 50 meters of your main weather station.

4. Pairing with Weather Station

Refer to the instruction manual of your specific Bresser weather station model for detailed pairing procedures. Generally, this involves activating a sensor search function on the main unit after the outdoor sensor has been powered on and its channel selected.





This image shows the Bresser 7009994 Thermo/Hygro Outdoor Sensor. It is a white rectangular device with a black LCD screen in the upper half. The screen displays '433MHz', '23.8°C', 'H 3', and '48%RH', indicating its wireless frequency, current temperature, channel number, and relative humidity. Below the screen, the text 'REMOTE SENSOR' is visible. The BRESSER logo is prominently featured below the text. The device has ventilation slits on its lower front and right side.

OPERATING

Once successfully paired with your Bresser weather station, the 7009994 sensor will automatically begin transmitting temperature and humidity data. The sensor's integrated LCD display will show the current temperature and humidity readings, along with the active transmission channel. Data updates are sent periodically to the main weather station.

MAINTENANCE

Cleaning

- Before cleaning, always disconnect the device from its power source by removing the batteries.
- Clean only the exterior surfaces of the sensor using a soft, dry cloth.
- Do not use liquid cleaning agents, abrasive cleaners, or solvents, as these can damage the electronic components and the device's finish.

Battery Replacement

- Replace the batteries when a low battery indicator appears on the sensor's display or on your main weather station.
- Always replace both AAA batteries simultaneously to ensure optimal performance.

TROUBLESHOOTING

No Signal or Incorrect Readings

- **Check Batteries:** Ensure that both the outdoor sensor and the main weather station have fresh batteries installed correctly.
- **Range and Obstructions:** Verify that the sensor is within the 50-meter wireless range of the main weather station. Reduce any major physical obstructions (e.g., thick walls, metal structures, large appliances) between the sensor and the main unit.
- **Channel Matching:** Confirm that the channel selected on the outdoor sensor (1, 2, or 3) precisely matches the channel set on your main weather station for that sensor.
- **Repositioning:** Try repositioning the outdoor sensor or the main weather station to improve signal reception.
- **Reset:** Remove and reinsert the batteries in both the outdoor sensor and the main weather station to perform a soft reset and re-establish the connection.

Sensor Display Not Working

- **Battery Check:** Ensure batteries are correctly installed and have sufficient charge. Replace if necessary.
- **Temperature Extremes:** Confirm the sensor is not exposed to temperatures outside its operational range, which could affect the LCD display.

SPECIFICATIONS

| | |
|--------------------------------|---|
| Model Number | 7009994 |
| Dimensions (L x W x H) | 95 x 60 x 30 mm |
| Weight | 50 grams |
| Power Source | 2 x AAA batteries (not included) |
| Connectivity Technology | Radio (433 MHz) |
| Wireless Range | Up to 50 meters (open area) |
| Channels Supported | 3 |
| Material | Plastic |
| Color | White |
| Temperature Accuracy | ±1°C |
| Recommended Use | Home, Temperature measurement |
| Compatibility | Bresser Weather Stations 9501200, 9501201, 9501202, 7007400 |
| Country of Origin | China |

WARRANTY

This product is covered by a manufacturer's warranty. For specific details regarding the warranty period and terms, please refer to the warranty information provided with your product packaging or visit the official Bresser website.

SUPPORT

Should you require further assistance, technical support, or have questions not covered in this manual, please visit the official Bresser website or contact their customer service department for expert guidance.

