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› Bresser ClimateTemp NBF Wireless Weather Station User Manual

Bresser 7006500

Bresser ClimateTemp NBF Wireless Weather Station User Manual

Model: 7006500

1. INTRODUCTION

Thank you for choosing the Bresser ClimateTemp NBF Wireless Weather Station. This device provides accurate indoor and outdoor temperature and humidity readings, a reliable weather forecast, and a DCF radio-controlled clock. Please read this manual carefully to ensure proper setup and operation of your new weather station.

2. PACKAGE CONTENTS

- Bresser ClimateTemp NBF Base Station
- Thermo-Hygro Outdoor Sensor
- Power Adapter
- Instruction Manual

Note: 3x AA batteries for the base station and 2x AAA batteries for the outdoor sensor are not included.

3. SAFETY INFORMATION

- Keep the device away from extreme temperatures, direct sunlight, and moisture.
- Do not expose the device to strong vibrations or shocks.
- Do not attempt to disassemble or modify the device.
- Use only the specified power adapter and batteries.
- Dispose of batteries according to local regulations.

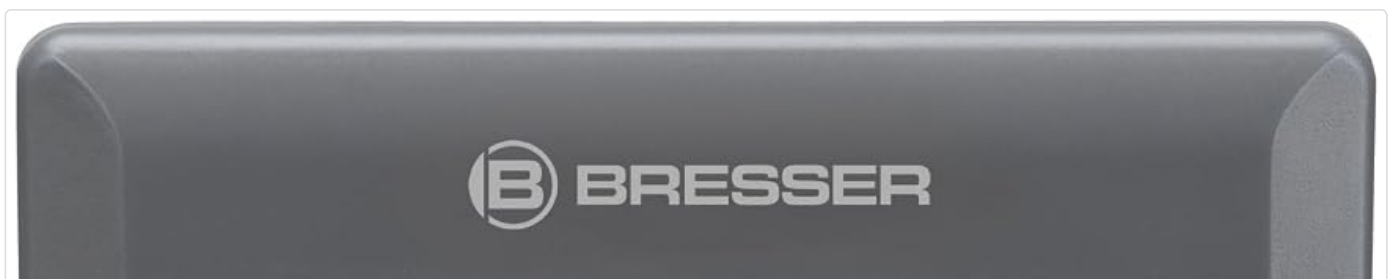
4. PRODUCT OVERVIEW

4.1 Base Station and Outdoor Sensor



Image 1: The Bresser ClimateTemp NBF Wireless Weather Station, showing the main base station with its color display and the compact outdoor sensor.

4.2 Base Station Front View





13:36 55

MO

6^D / 2^M



1037

hPa/mb →



19.6 °C

20 %



22.7 °C

36 %



Image 2: A close-up of the base station's color display, showing time, date, weather forecast icons, indoor and outdoor temperature, and humidity readings.

4.3 Base Station Side View



Image 3: The side profile of the base station, illustrating its slim design and ventilation slots.

4.4 Outdoor Sensor Front View



Image 4: The front of the outdoor sensor, featuring a small display for local temperature and humidity readings, and the Bresser logo.

4.5 Outdoor Sensor with IP44 Rating



Image 5: The outdoor sensor shown with an overlay indicating its IP44 water resistance rating, suitable for splash-proof outdoor use.

4.6 Base Station Rear View





Image 6: The back of the base station, displaying the battery compartment, control buttons (MAX/MIN, ALARM, UP, DOWN, CH), and the DC power input.

5. SETUP

5.1 Powering the Device

1. **Outdoor Sensor:** Open the battery compartment on the back of the outdoor sensor. Insert 2x AAA batteries, ensuring correct polarity (+/-). Close the compartment.
2. **Base Station:** Insert 3x AA batteries into the battery compartment on the back of the base station, observing correct polarity. Alternatively, connect the provided power adapter to the DC IN port on the base station and plug it into a power outlet. The color display will remain continuously lit when powered by the adapter.

5.2 Sensor Pairing

Upon powering on, the base station will automatically attempt to connect with the outdoor sensor. The outdoor temperature and humidity will appear on the display. If the connection is not established within a few minutes, press the 'CH' button on the base station to initiate a manual search. Ensure the sensor is within an 80m range of the base station and free from major obstructions.

5.3 DCF Time Synchronization

After initial power-up, the base station will automatically search for the DCF radio signal to set the time, date, and day of the week. This process may take several minutes. Ensure the base station is placed away from electronic interference. If the signal is not received, you may need to manually set the time (see Section 6.4).

5.4 Initial Settings

Once the time is set (either automatically or manually), you can adjust other settings such as time zone, 12/24-hour format, and temperature units (°C/°F) using the control buttons on the back of the base station. Refer to the detailed instructions in the manual for specific button functions.

6. OPERATING

6.1 Display Information

The color display provides the following information:

- **Time and Date:** Automatically set via DCF signal.
- **Weather Forecast:** Represented by 6 intuitive icons (e.g., sunny, cloudy, rainy).
- **Air Pressure:** Current air pressure with a trend indicator.
- **Outdoor Temperature & Humidity:** Measured by the wireless sensor, with trend indicators.
- **Indoor Temperature & Humidity:** Measured by the base station, with a comfort indicator.

6.2 Weather Forecast

The weather station analyzes air pressure changes to predict weather conditions for the next 12-24 hours. The forecast is displayed using graphical icons. Note that this is a prediction and may not always be 100% accurate.

6.3 Temperature and Humidity Monitoring

The base station displays both indoor and outdoor temperature and humidity. It also features a comfort indicator for indoor climate, showing if the environment is too dry, good, or too humid. The outdoor sensor can be expanded with up to two additional thermo-hygro sensors (sold separately) for monitoring other areas.

6.4 Alarms

- **Temperature Alarm:** Set custom high and low temperature alerts for the outdoor sensor. An audible signal will sound when these thresholds are met.

- **Frost Alarm:** An integrated frost alarm icon will flash on the base station display when the outdoor temperature falls between -1°C and 2.9°C.
- **Mold Alarm:** A corresponding alarm symbol will flash if there is a risk of mold formation based on indoor humidity levels.

6.5 Clock and Alarm Functions

The weather station includes an integrated alarm clock with two customizable alarms. These can be set for different periods during the week. A snooze function is also available, with an individually adjustable duration.

6.6 Backlight Adjustment

The backlight of the color display can be adjusted to 5 different brightness levels. A night mode can also be set for a specific time period, automatically dimming the display during those hours.

7. MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- If the device will not be used for an extended period, remove the batteries to prevent leakage.
- Ensure the outdoor sensor is placed in a location protected from direct heavy rain and snow, despite its IP44 rating.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No outdoor temperature/humidity displayed.	Sensor not paired or out of range. Batteries low.	Press 'CH' button on base station to re-scan. Check sensor battery. Move sensor closer to base station.
DCF time not synchronizing.	Interference or weak signal.	Move base station to a different location, away from electronic devices. Allow several hours for synchronization. Manually set time if necessary.
Display is dim or blank (battery power).	Batteries are low.	Replace batteries. For continuous bright display, use the power adapter.
Inaccurate readings.	Sensor placement.	Ensure outdoor sensor is not in direct sunlight or near heat sources. Ensure proper ventilation.

9. SPECIFICATIONS

- **Model:** ClimateTemp NBF
- **Model Number:** 7006500
- **Dimensions (Base Station):** 170 x 93 x 48 mm
- **Weight (Base Station):** 195 g
- **Power (Base Station):** Power adapter (included) or 3x AA batteries (not included)
- **Power (Outdoor Sensor):** 2x AAA batteries (not included)
- **Wireless Frequency:** 433 MHz

- **Transmission Range:** Up to 80 m (open area)
- **Outdoor Sensor IP Rating:** IP44 (Splash-proof)
- **Material:** Plastic
- **Special Features:** DCF radio-controlled clock, weather forecast, temperature/humidity trend, temperature/frost/mold alarms, adjustable backlight, snooze function.

10. WARRANTY AND SUPPORT

Bresser provides a manufacturer's warranty for this product. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Bresser website. For technical support or service inquiries, please contact Bresser customer service through their official channels.

You can find more information and support on the [Bresser Store on Amazon](#).

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