

BRESSER 7003100CM3000

Bresser ClimateScout Wireless Weather Station

MODEL: 7003100CM3000

User Instruction Manual

1. Introduction

The Bresser ClimateScout Wireless Weather Station with its 7-in-1 Pro Outdoor Sensor provides comprehensive local weather data. Designed for elegance and functionality, this station offers detailed insights into your environment, from outdoor conditions to indoor comfort levels. It features an optimized outdoor sensor for precise measurements and a user-friendly base station display for easy monitoring.

2. Package Contents

- Bresser ClimateScout Base Station
- 7-in-1 Pro Wireless Outdoor Sensor with mounting bracket
- Instruction Manual
- *Note: 7 x AA batteries are required and not included.*

3. Product Overview

The Bresser ClimateScout system consists of two main components: the Base Station and the 7-in-1 Pro Outdoor Sensor.



Figure 3.1: The Bresser ClimateScout Wireless Weather Station system, showing both the base station and the outdoor sensor.

3.1. Base Station

The base station features a clear display that presents all collected weather data. It includes an integrated sensor for indoor temperature, indoor humidity, and air pressure. The display also shows time, date, moon phase, and various weather forecasts and alerts.



Figure 3.2: Close-up of the base station display, illustrating the layout of weather information.

3.2. 7-in-1 Pro Outdoor Sensor

This advanced outdoor sensor measures seven different weather parameters: outdoor temperature, outdoor humidity, wind speed, wind direction (360° with 16 direction points), rainfall, UV intensity, and light intensity. It features an improved solar radiation shield for more accurate temperature and humidity readings and transmits data wirelessly up to 150 meters (in open air) via 868 MHz frequency.





Figure 3.3: The 7-in-1 Pro Outdoor Sensor, detailing its components for various measurements.

4. Setup

4.1. Battery Installation

1. **Outdoor Sensor:** Open the battery compartment on the outdoor sensor. Insert the required AA batteries, ensuring correct polarity. Close the compartment securely.
2. **Base Station:** Open the battery compartment on the back of the base station. Insert the required AA batteries, observing correct polarity. Close the compartment.

It is recommended to insert batteries into the outdoor sensor first, then the base station, to facilitate initial synchronization.

4.2. Sensor Placement

Mount the 7-in-1 outdoor sensor in an open area, away from obstructions, to ensure accurate readings for wind, rain, and sunlight. Ensure it is securely fastened using the provided mounting bracket. The sensor should be placed at a height that allows for optimal wind measurement and prevents interference with rainfall collection.

4.3. Base Station Placement

Place the base station indoors, in a location where the display is easily visible and within the 150-meter wireless range of the outdoor sensor. Avoid placing it near large metal objects or electronic devices that could interfere with the wireless signal.

4.4. Initial Synchronization

After battery installation, the base station will automatically attempt to connect with the outdoor sensor. This process may take a few minutes. Once connected, the outdoor weather data will appear on the base station display.

5. Operating Instructions

5.1. Display Overview

The base station display is divided into several sections, showing current time, date, indoor/outdoor temperature and humidity, wind speed and direction, rainfall, UV index, light intensity, air pressure, and weather forecast symbols.

5.2. Key Functions

- **Weather Forecast:** Graphical symbols indicate the weather trend for the next 12 hours within a 30-50 km radius.
- **Indoor Climate Indicator:** Three symbols provide an assessment of the indoor comfort level.
- **Feels-Like Temperature:** The station calculates and displays the perceived temperature, accounting for heat index or wind chill.
- **Time, Date, Moon Phase:** Automatically updated and displayed in a dedicated area on the screen.
- **Alarm and Snooze:** An integrated alarm function with a snooze option (5 minutes) is available.
- **Smart Winter Function (Frost Alarm):** If activated, and the outdoor temperature drops below -3 °C, the alarm will sound 30 minutes earlier.
- **Data History:** Review measurements from the previous 24 hours for indoor/outdoor temperature, humidity, atmospheric pressure, wind chill, wind speed, and precipitation.
- **Min/Max Values:** Access daily minimum and maximum recorded values.
- **Weather Alarms:** Set customizable alarms for specific weather changes.
- **Expandability:** The base station supports up to 3 additional wireless sensors (sold separately) for monitoring other locations.

6. Maintenance

6.1. Cleaning

Wipe the base station and outdoor sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the rain collector on the outdoor sensor is free from debris (leaves, insects) to maintain accurate rainfall measurements.

6.2. Battery Replacement

Replace batteries in both the base station and outdoor sensor when the low battery indicator appears on the display.

Always replace all batteries at once with new ones of the same type. Dispose of used batteries responsibly.

6.3. Sensor Care

Periodically check the outdoor sensor for any physical damage or blockages, especially to the wind cups, wind vane, and rain collector. Ensure the solar radiation shield is clean and unobstructed for proper air circulation around the temperature and humidity sensors.

7. Troubleshooting

- **No Outdoor Data Displayed:**
 - Check if batteries are correctly installed in both units and are not depleted.
 - Ensure the outdoor sensor is within the 150m wireless range of the base station and there are no major obstructions.
 - Try resetting both units by removing and reinserting batteries.
- **Inaccurate Readings:**
 - Verify the outdoor sensor's placement; it should be in an open area, away from direct heat sources or reflective surfaces.
 - Clean the rain collector and ensure wind components move freely.
- **Display Not Working:**
 - Check base station batteries.
 - Perform a hard reset by removing batteries for a few minutes and then reinserting them.

8. Specifications

Model Number	7003100CM3000
Product Dimensions (L x W x H)	Base Station: 18 x 13.5 x 2.2 cm; 334 g
Sensor Dimensions	34.35 x 39.35 x 13.6 cm; 723 g
Power Source	Battery Powered (7 x AA batteries required, not included)
Material	Plastic
Connectivity Technology	868 MHz Wireless
Special Feature	Alarm, Weather Forecast, Data History, Min/Max Values, Frost Alarm
Color	Black



Figure 8.1: Dimensions of the Bresser ClimateScout Base Station.

9. Warranty and Support

Bresser products are designed for reliability and performance. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Bresser website. For technical support, troubleshooting assistance, or inquiries about spare parts, please contact Bresser customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

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.

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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.

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