

## BRESSER 7001900HZI000

# Bresser Radio Wall Clock with Outdoor Sensor and 4-Day Weather Forecast

Model: 7001900HZI000

## 1. INTRODUCTION

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This manual provides instructions for the Bresser Radio Wall Clock, a device designed to display accurate time, date, and a 4-day regional weather forecast. It includes an outdoor sensor for monitoring external temperature and humidity. The clock automatically synchronizes its time via the DCF radio signal and receives weather data from the Meteosat service, covering 600 cities/regions. Its large LCD display ensures clear readability of all information.

## 2. PACKAGE CONTENTS

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Verify that all items listed below are present in your package:

- Bresser Radio Wall Clock (Main Unit)
- Wireless Outdoor Sensor
- User Manual



The main unit of the Bresser Radio Wall Clock, showing the large time display, date, and 4-day weather forecast, placed on a table.



The wireless outdoor sensor, displayed from the front and with its battery compartment open, indicating where batteries are inserted.

### 3. PRODUCT OVERVIEW

#### 3.1 Main Unit (Front Display)

The large LCD screen displays the current time, date, day of the week, calendar week, indoor temperature, outdoor temperature, and a 4-day weather forecast with associated icons and precipitation probability.



A detailed view of the clock's LCD screen, highlighting the large digits for time, day, date, and the weather forecast icons with temperature and precipitation probability.

### 3.2 Main Unit (Rear Panel)

The rear panel houses the battery compartment, control buttons, and a foldable stand for tabletop placement. A mounting hole is also present for wall installation.



The back panel of the clock, featuring the foldable stand for tabletop use and the control buttons for settings.



The back of the clock, illustrating the battery compartment cover and the integrated hole for wall mounting.

### 3.3 Outdoor Sensor

The compact outdoor sensor measures external temperature and humidity and transmits this data wirelessly to the main unit.

## 4. SETUP

### 4.1 Battery Installation

1. **Outdoor Sensor:** Open the battery compartment on the back of the outdoor sensor. Insert 2 x AAA batteries, observing the correct polarity (+/-). Close the compartment.
2. **Main Unit:** Open the battery compartment on the rear panel of the main unit. Insert 3 x AA batteries, observing the correct polarity (+/-). Close the compartment.

Use only new, high-quality alkaline batteries. Do not mix old and new batteries or different battery types.

### 4.2 Initial Power-On and DCF Signal Reception

After battery installation, the main unit will automatically begin searching for the DCF radio time signal. This process can take several minutes. During this time, the display may show a flashing antenna icon. Once the signal is received, the time and date will be set automatically, and the antenna icon will become solid.

The clock will also attempt to connect with the outdoor sensor. Ensure the sensor is placed within range (typically up to 30 meters in open air) and away from major electronic interference sources.

### 4.3 Outdoor Sensor Placement

For accurate outdoor temperature and humidity readings, place the wireless sensor in a sheltered location outdoors, away from direct sunlight and precipitation. Avoid placing it near metal structures or large electronic devices that could interfere with the wireless signal.

### 4.4 Mounting Options

- **Tabletop:** Extend the foldable stand on the rear of the main unit to place it on a flat surface.
- **Wall Mount:** Use the integrated mounting hole on the rear panel to hang the clock on a wall using a screw (not included).

## 5. OPERATION

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### 5.1 Display Information

The LCD display provides the following information:

- **Time:** Large digital display, automatically set via DCF signal.
- **Date & Day of Week:** Automatically updated.
- **Calendar Week:** Displays the current week number.
- **Indoor Temperature:** Measured by the main unit's internal sensor.
- **Outdoor Temperature:** Received from the wireless outdoor sensor.
- **4-Day Weather Forecast:** Icons representing sunny, cloudy, rainy, etc., along with high/low temperatures and precipitation probability for the next four days.
- **Weather Alerts:** Indication of severe weather conditions (if applicable to the selected region).

### 5.2 Control Buttons (Rear Panel)

The main unit features several buttons on its rear panel for configuration and information display:

- **CHANNEL:** Used to switch between different outdoor sensors (if multiple are paired) or to initiate a search for the outdoor sensor.
- **MEM:** Accesses minimum/maximum temperature and humidity records.
- **TEST / SET:** Enters setup mode for manual time/date settings or to test sensor connection.
- **DAY / NIGHT:** Switches between day and night forecasts for the displayed weather information.

### 5.3 Manual Time and Date Setting

In areas where the DCF signal is weak or unavailable, the time and date can be set manually:

1. Press and hold the **SET** button until the display flashes.
2. Use the **CHANNEL** or **MEM** buttons to adjust the values (e.g., hour, minute, year, month, day).
3. Press **SET** again to confirm each setting and move to the next.
4. Exit setup mode by pressing **SET** after the last setting or by waiting for the display to time out.

### 5.4 Weather Forecast Features

The clock receives weather data from the Meteosat service, providing a 4-day forecast. This includes:

- **Regional Forecasts:** Data for up to 600 cities/regions.
- **Day and Night Display:** Separate forecasts for daytime and nighttime.

- **Weather Icons:** Visual representation of expected weather conditions.
- **Precipitation Probability:** Percentage chance of rain or snow.
- **Weather Alerts:** Notifications for significant weather events.

The Meteosat system operates without additional subscription costs.

## 6. MAINTENANCE

### 6.1 Battery Replacement

When the battery indicator appears on the display, replace the batteries in the main unit (3 x AA) and/or the outdoor sensor (2 x AAA). Always replace all batteries in a unit at the same time with new ones. Dispose of used batteries responsibly.

### 6.2 Cleaning

Clean the clock and sensor with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the surfaces and electronic components. Avoid exposing the units to excessive moisture.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No time display / Incorrect time	Weak or no DCF signal reception.	Relocate the main unit to an area with better signal reception (e.g., near a window, away from electronics). Initiate manual time setting if DCF signal remains unavailable.
No outdoor temperature / humidity	Outdoor sensor out of range, low batteries, or interference.	Ensure sensor is within 30m of the main unit. Replace sensor batteries. Press the CHANNEL button on the main unit to re-establish connection. Avoid placing near large metal objects or strong electronic devices.
Inaccurate weather forecast	Incorrect city/region selected or temporary data transmission issue.	Verify the selected city/region in the settings. Allow time for data updates. Weather forecasts are predictions and may not always be 100% accurate.
Display is dim or blank	Low batteries in the main unit.	Replace all 3 x AA batteries in the main unit.

## 8. SPECIFICATIONS

- **Model Number:** 7001900HZI000
- **Dimensions (Main Unit):** 22.5 x 22.5 x 2.5 cm (L x W x H)
- **Weight (Main Unit):** 555 grams
- **Material:** Plastic
- **Display Type:** LCD
- **Power Source (Main Unit):** 3 x AA batteries (not included)
- **Power Source (Outdoor Sensor):** 2 x AAA batteries (not included)
- **Special Features:** DCF Radio Time, 4-Day Meteosat Weather Forecast, Indoor/Outdoor Temperature, Calendar Display, Weather Alerts
- **Included Components:** Wall Clock, Outdoor Sensor

