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› [Bearware](#) /

› Bearware Wireless Weather Station with Projection and Outdoor Sensor User Manual

Bearware 302688

Bearware Wireless Weather Station with Projection and Outdoor Sensor

Model: 302688 - User Manual

1. INTRODUCTION

Thank you for choosing the Bearware Wireless Weather Station with Projection and Outdoor Sensor. This device provides accurate time via DCF radio signal, indoor and outdoor temperature readings, weather forecasts, and a convenient alarm function with projection. Please read this manual carefully to ensure proper use and optimal performance of your weather station.

2. SAFETY INSTRUCTIONS

- Do not expose the main unit or outdoor sensor to extreme temperatures, direct sunlight, or excessive moisture.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Keep batteries out of reach of children. Dispose of used batteries responsibly according to local regulations.
- Use only the provided power adapter or specified battery types.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Bearware Wireless Weather Station (Main Unit)
- Wireless Outdoor Sensor
- DC 5V 1.2A Power Adapter
- User Manual (Italian version available online)



Image: Contents of the Bearware Weather Station package, including the main unit, outdoor sensor, and power adapter.

4. PRODUCT OVERVIEW

4.1 Main Unit (Front View)



DETTAGLI PRODOTTO

- | | |
|--|---|
| 1 — Porta di Ricarica UBS (max 1000mA) | 7 — Pulsante „MEM“ (e.s. Visualizzazione della temperatura e dell'umidità massime misurate) |
| 2 — Allarme 2 Pulsanti „On/Off“ | 8 — Grafico Previsioni Meteo |
| 3 — Allarme 1 Pulsanti „On/Off“ | 9 — Indicatore giorno feriale |
| 4 — Ora | 10 — Calendario (Giorno e Mese) |
| 5 — Temperatura interna | 11 — Pulsante „SNOOZE“ (Funzione Snooze) |
| 6 — Temperatura esterna | 12 — Proiettore |

Image: Front view of the weather station display and control buttons. Key elements include the time, indoor/outdoor temperature, weather forecast icon, day, and date. Buttons for MODE, MEM, and +/- are visible below the display.

1. USB Charging Port (max 1000mA)
2. Alarm 2 On/Off Button
3. Alarm 1 On/Off Button
4. Time Display
5. Indoor Temperature
6. Outdoor Temperature
7. "MEM" Button (e.g., Display Max/Min Temperature and Humidity)
8. Weather Forecast Graph
9. Weekday Indicator
10. Calendar (Day and Month)
11. "SNOOZE" Button (Snooze Function)
12. Projector

4.2 Main Unit (Side/Rear View)



Image: Side and rear view of the weather station, highlighting the control buttons and ports. This includes the snooze button, color change settings, alarm switches, battery compartment, and DC power input.

1. SNOOZE Button (Stops and postpones alarm)
2. Set Color Change in "Loop" (Automatic color cycle)
3. Set Color Change in "Rainbow" (Specific color selection)
4. Alarm 1 On/Off Switch
5. Alarm 2 On/Off Switch
6. Battery Compartment (2x 1.5V AAA Batteries)
7. DC 5V 1.2A Power Adapter Input

4.3 Wireless Outdoor Sensor

The outdoor sensor measures external temperature and transmits data wirelessly to the main unit. It is protected against splashes (IPX4) and operates on 2x AAA 1.5V batteries.

5. SETUP

5.1 Powering the Main Unit

- **Battery Power:** Open the battery compartment on the rear of the main unit and insert 2 x 1.5V AAA batteries, observing polarity (+/-). This provides backup power in case of a power outage.
- **AC Power:** Connect the included DC 5V 1.2A power adapter to the DC input port on the rear of the main unit, then plug it into a wall outlet. The display will light up.

5.2 Powering the Outdoor Sensor

- Open the battery compartment on the outdoor sensor and insert 2 x 1.5V AAA batteries, observing polarity (+/-)

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- Place the outdoor sensor in a sheltered location, away from direct sunlight and rain, to ensure accurate readings. The maximum wireless range is approximately 10 meters.

5.3 Initial Synchronization (DCF Time & Sensor)

Upon initial power-up, the weather station will automatically attempt to synchronize with the DCF radio signal for accurate time and date. It will also search for the outdoor sensor.

- Place the main unit near a window for better DCF signal reception.
- The synchronization process may take several minutes or up to 6 hours.
- Once synchronized, the DCF icon will appear on the display.
- If the outdoor temperature does not appear, ensure the sensor batteries are correctly installed and it is within range. You may need to manually initiate a sensor search (refer to Operating Instructions).

6. OPERATING INSTRUCTIONS

6.1 Setting Time and Date

- In normal time display mode, press and hold the "MODE" button to enter time setting mode.
- Use the "+/-" buttons to adjust values. Press "MODE" to confirm and move to the next setting (e.g., 12/24 hour format, hour, minute, year, month, day, weekday language).
- The weekday display supports 7 different languages.

6.2 Alarm Settings

The weather station features two independent alarms.

- Press the "MODE" button repeatedly to cycle through time, Alarm 1, and Alarm 2 display modes.
- To set an alarm, select Alarm 1 or Alarm 2 display, then press and hold the "MODE" button. Use "+/-" to adjust the hour and minute. Press "MODE" to confirm.
- Use the dedicated Alarm 1 On/Off and Alarm 2 On/Off switches on the side/rear of the unit to activate or deactivate each alarm.
- When an alarm sounds, press the "SNOOZE" button to activate the snooze function. The alarm will sound again after a few minutes. To stop the alarm completely, press any other button.

6.3 Display Settings (Backlight & Brightness)



BEARWARE

RETROILLUMINAZIONE

OTTO COLORI DIVERSI PER LO SFONDO
 INTERRUOTTORE AUTOMATICO E MANUALE
 RETROILLUMINABILE E DIMMERABILE

Image: The weather station display showcasing its 8-color RGB backlight feature, with different colors like green, blue, red, and yellow.

- The display features an 8-color RGB backlight (green, turquoise, blue, purple, white, red, orange, yellow).
- Use the "Set Color Change in 'Loop'" switch on the side/rear to enable automatic color cycling.
- Use the "Set Color Change in 'Rainbow'" switch to manually select a specific color.
- Brightness can be adjusted (details not specified, typically via a dedicated button or holding a button).

6.4 Temperature Display & Min/Max Values

- The display shows both indoor and outdoor temperatures.
- Press the "MEM" button to view the minimum and maximum recorded temperatures. Press again to cycle through min/max indoor and outdoor temperatures.
- To switch between Celsius (°C) and Fahrenheit (°F), locate the °C/°F switch (often on the back or via a button combination).

6.5 Weather Forecast

The weather station provides a weather forecast for approximately the next 12 hours based on changes in

atmospheric pressure. Icons on the display will indicate sunny, partly cloudy, cloudy, rainy, or snowy conditions.

6.6 USB Charging Function



FUNZIONE DI RICARICA USB

RICARICA IL TUO SMARTPHONE CON LA STAZIONE METEO

PORTA USB DI RICARICA: max 1000mA (USB Tipo A femmina)

Image: A smartphone connected to the USB charging port on the side of the Bearware Weather Station, illustrating its charging capability.

The main unit includes a USB Type A female port (max 1000mA output) for charging external devices like smartphones. Connect your device's USB charging cable to this port.

6.7 Projection Function

The integrated projector can display the time and temperature onto a wall or ceiling. The projection angle can be adjusted. The projection is typically red for clear visibility in low light conditions.

7. MAINTENANCE

- **Cleaning:** Wipe the unit and sensor with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the main unit and outdoor sensor when the low battery indicator appears on the display or when performance degrades. Ensure correct battery type (AAA) and

polarity.

- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-----------------------------------|--|---|
| No display / Unit not powering on | No power from adapter; dead batteries; incorrect battery polarity. | Check power adapter connection; replace batteries; ensure correct battery orientation. |
| Outdoor temperature not displayed | Outdoor sensor out of range; dead sensor batteries; interference. | Move sensor closer to main unit; replace sensor batteries; try repositioning both units. |
| DCF time not synchronizing | Poor signal reception; interference. | Move unit near a window; avoid electronic devices that may cause interference; allow more time for synchronization. |
| Inaccurate temperature readings | Sensor exposed to direct sunlight or heat sources; poor ventilation. | Relocate sensor to a shaded, well-ventilated area. |
| Projection is blurry or unclear | Incorrect focus; projection surface too far or uneven. | Adjust the projector's focus (if available); ensure projection surface is flat and within optimal distance. |

9. SPECIFICATIONS

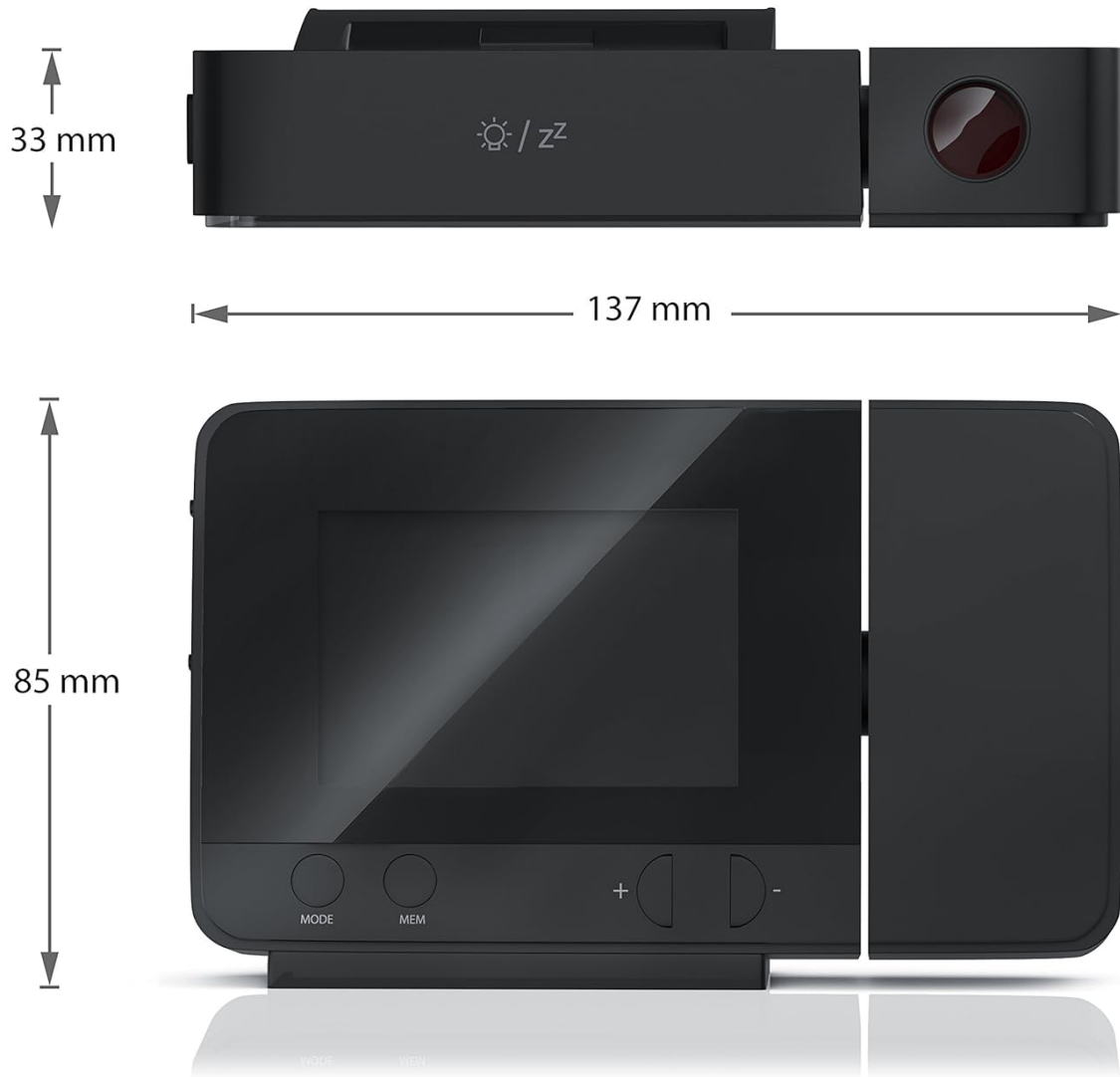


Image: Top and front view of the Bearware Weather Station with key dimensions: 137mm length, 85mm height, and 33mm depth.

- **Model Number:** 302688
- **Dimensions (Main Unit):** 13.7 x 3.3 x 8.5 cm (L x W x H)
- **Weight (Main Unit):** 168 grams
- **Color:** Black (matte)
- **Material:** Plastic
- **Power Supply (Main Unit):** 2 x 1.5V AAA batteries or DC 5V 1.2A power adapter (included)
- **Power Supply (Outdoor Sensor):** 2 x 1.5V AAA batteries
- **Indoor Temperature Range:** -9.9 °C (14 °F) to 50 °C (122 °F)
- **Outdoor Temperature Range:** -40 °C (-40 °F) to 70 °C (158 °F)
- **Temperature Accuracy:** 1 °C
- **Sensor Technology:** Wireless
- **USB Charging Output:** Max. 1000 mA (USB Type A female)
- **Display Backlight:** 8-color RGB (green, turquoise, blue, purple, white, red, orange, yellow)

- **Time Format:** 12/24 hour
- **Special Features:** DCF radio-controlled time, 2 adjustable alarms, Snooze function, Min/Max temperature display, Weather trend function, USB charging port, Time projection on ceiling/wall.

10. WARRANTY AND SUPPORT

This Bearware product comes with a 24-month warranty from the date of purchase. In case of any issues or for technical support, please contact Bearware customer service. Please refer to the contact information provided with your purchase or on the official Bearware website.