

BLAUPUNKT WS10BK Multi Functional Weather Station



BLAUPUNKT WS10BK Multi Functional Weather Station Owner's Manual

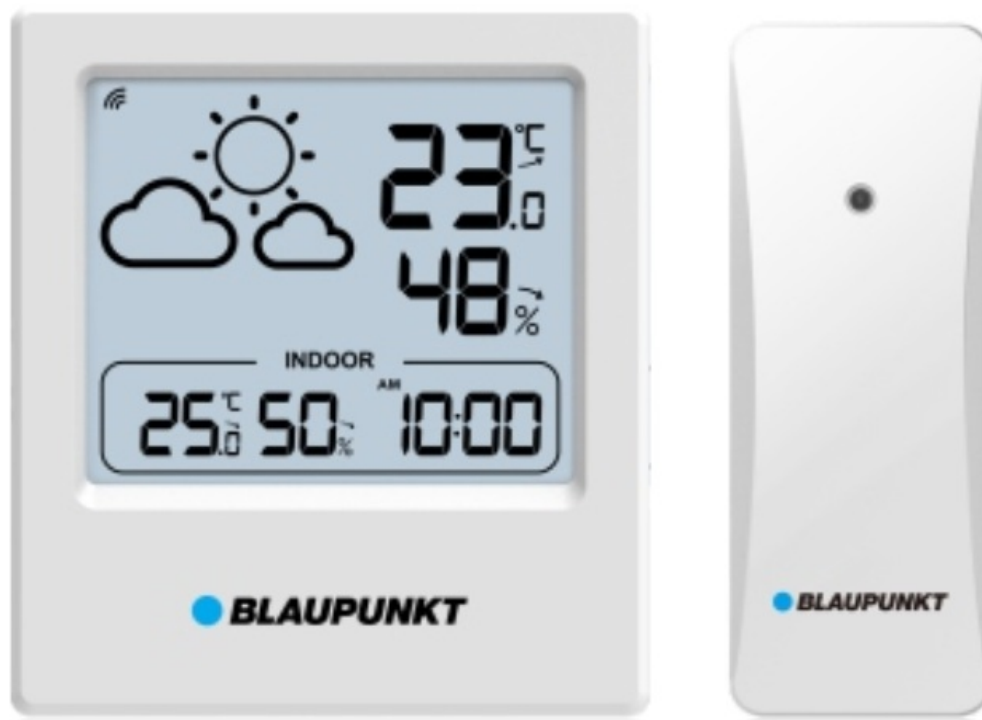
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BLAUPUNKT WS10BK Multi Functional Weather Station



Important Notes

- safety and operating instruction should be retained for future reference.
- The apparatus should not be exposed to dripping or splashing or placed in a humid atmosphere such as a bathroom.
- Do not install the product in the following areas:
 - Places exposed to direct sunlight or close to radiators.
 - On top of other stereo equipment that radiate too much heat.
 - Blocking ventilation or in a dusty area.
 - Areas where there is constant vibration.
 - Humid or moist places.
- Do not place near candles or other naked flames.
- Operate the product only as instructed in this manual.
- Before turning on the power for the first time, make sure the power adaptor is properly connected. For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel. Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside. Refer all servicing to qualified service personnel.

SAFETY INSTRUCTIONS

1. Read Instructions – All the safety and operating instructions must be read before the product is operated.
2. Retain Instructions – The safety and operating instructions should be kept with the product for future reference.
3. Heed warnings – All warnings on the product and in the operating instructions should be adhered to.
4. Follow instructions – All operating and users' instructions should be followed.
5. Installation – Install in accordance with the manufacturer's instructions.
6. Power sources – This product should be operated only from the type of power source indicated by the marking adjacent to the power cord entry. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

7. Water and moisture – To reduce the risk of fire or electric shock, do not expose the product to rain, dripping, splashing or excessive moisture such as in a sauna or bathroom. Do not use this product near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool (or similar)
8. Object and Liquid Entry – Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. Do not place any object containing liquid on top of the product.
9. Servicing – Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
10. Replacement parts – When replacement parts are required, ensure that the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
11. The highest environmental temperature suitable for this product is 35°C.
12. ESD hints – If the product maybe reset or not reset to operation of control due to electrostatic discharge, just switch off and reconnect again, or move the product to another location.
13. Battery
 - a. The batteries must not be exposed to excessive heat such as sunshine, fire or the like.
 - b. The batteries should be drawn to the environmental aspects of battery disposal.
 - c. Battery usage CAUTION-to prevent battery leakage which may result in body injuries, property damage, or damage to the apparatus:
 - Install all batteries correctly, + and – as marked on the apparatus.
 - Do not mix batteries (old and new or carbon and alkaline, etc.)
 - Remove batteries when the unit is not used for a long time. ERP2 (Energy Related Products) note
This product with ecodesign complies with the stage 2 requirements of Commission Regulation (EC) NO. 1275/2008 implementing Directive 2009/125/EC regard to standby and off mode electric power consumption of electronic household and office equipment.

WARNING

This appliance is not intended for use by persons (including children) with reduced physical sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

1. Never use the device unsupervised! Switch off the device whenever you are not using it, even if this only for a short while.
2. The appliance is not intended to be operated by means of an external timer or separate remote control system.
3. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
4. Before operating this system, check the voltage of this system to see if it is identical to the voltage of your local power supply.
5. To prevent fire or shock hazard, do not expose this equipment to hot places, rain, moisture or dust.
6. Do not place this unit close to a strong magnetic field.
7. Do not place the unit on an amplifier or receiver.

8. Do not place this unit in a damp area as the moisture will affect the life of electric components.
9. If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the player. If this occurs, the system will not operate properly. Please leave the system turned on for about an hour until the moisture evaporates.
10. Do not attempt to clean the unit with chemical solvents as this might damage the finish. Wipe with a clean, dry or slightly damp cloth.

NOTICE



- **Conformity**

Hereby, Blaupunkt Competence Center 2N-Everpol Sp. z o.o., declares that this equipment is in compliance with the essential requirement and other relevant provisions of Directive 2014/53/EU. Declaration of conformity can be obtained from the product page at www.blaupunkt.com. Responsible party: 2N-Everpol Sp. z o.o., Puławska 403A, 02-801 Warsaw, Poland, Phone: +48 22 688 08 00, E-mail: info@everpol.pl



- Your products is designed a manufactured with high quality materials and components, which can be recycled and reused



-  When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2012/19/EU. Please inform yourself about the local separate collection system for electrical and electronic products. Please cat according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.
- Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be dispose with normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environment and human health.

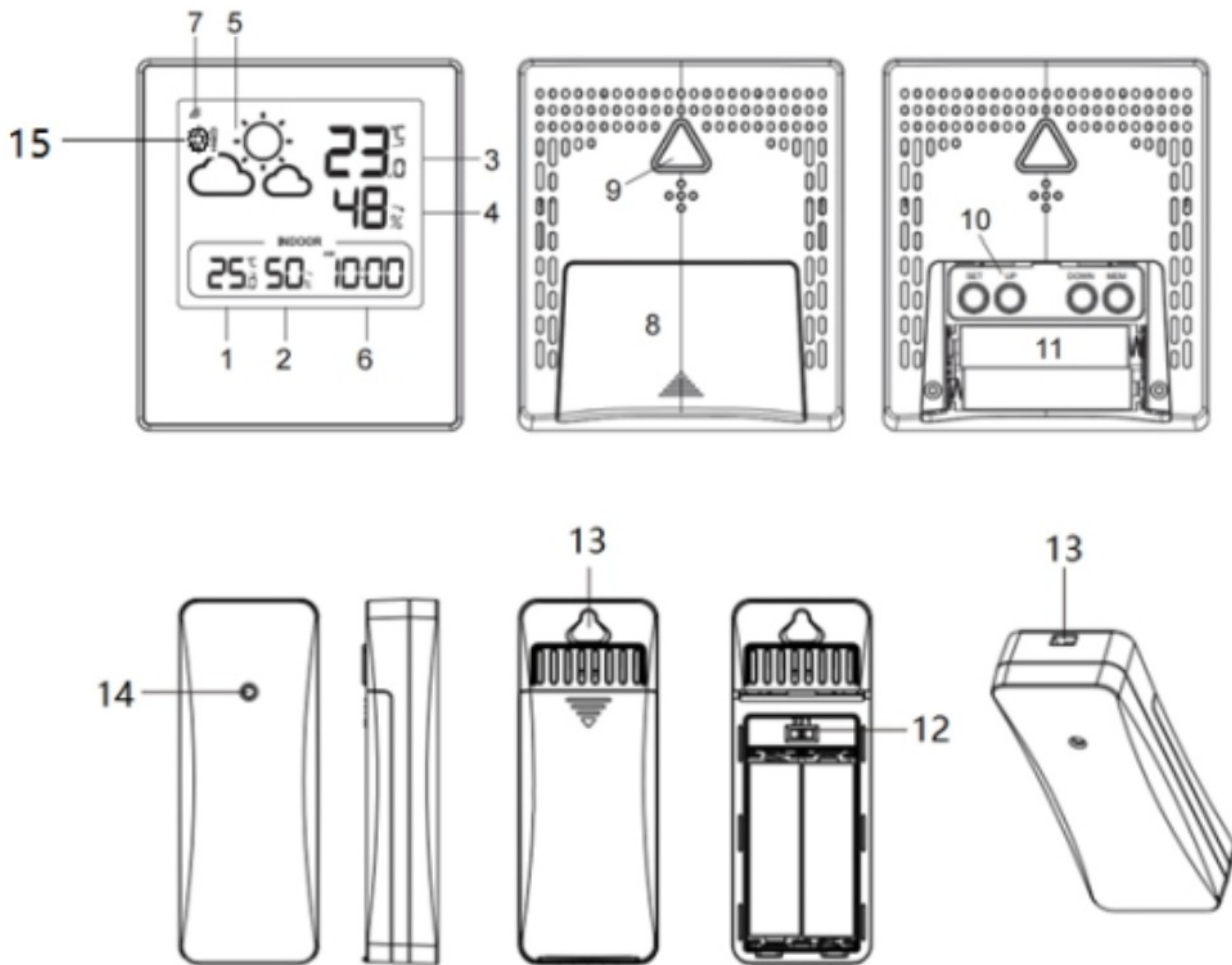
Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam(buffer) and polyethylene (bags, protective foam sheet). Your system consists of material that can be recycled and \reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment. Recording and playback of material might require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972. Many thanks purchase our model, this weather station product includes below features. Please read and reference this manual carefully before operate the unit. Please keep the manual for future operation reference.

Features

- Weather forecast: Sunny, Partly cloudy, Cloudy, Rainy, Snowy.
- Freezing point indicator.
- Indoor/outdoor temperature.
- Indoor & outdoor humidity.
- In/outdoor maximum & minimum temp. & humidity history memory.
- 12/24 hours clock time.
- Outdoor wireless transmitter with temperature and humidity sensor.

Display & controls



1. Indoor temperature/trend
2. Indoor humidity/trend
3. Outdoor temperature/trend
4. Outdoor humidity/trend
5. Animated weather forecast
6. Clock time
7. Signal receiving wireless symbol
8. Battery compartment cover
9. Hole for hanging
10. Adjustment buttons set/up/down/memory
11. Battery compartment
12. Channel selector

13. Rope and hook hole
14. Sensor
15. Freezing indicator

Installation

Open the battery compartment cover. Insert 2 x AAA batteries to the main unit, and insert 2 x AA batteries to the outdoor transmitter according to the correct polarity showed in the compartment. (Batteries are included) We recommend use high-quality alkaline for the best product performance. Heavy-duty or rechargeable batteries are not recommended. The display will off in case of battery power is exhausted. (Fresh battery using life time: 6 months for main unit, 12 months for the outdoor wireless transmitter, reference only, not warranty)

Receive signal from outdoor wireless transmitter

The main unit can detect and receive the outdoor temperature and humidity wireless signal from the transmitter automatically after power setting ready. There will take 3 minutes maximum for signal searching. The signal-

receiving wireless symbol  will flash on display during searching, and become stable after get the signal. The wireless symbol will disappear after 3 minutes if there is no available signal be received. Outdoor temperature and humidity data will show “— —” on display. In case you need reconnect the wireless signal, please press and hold the up button 3 seconds.

Placement and important notes:

1. The main unit support 1 outdoor wireless transmitter only. If the transmitter includes channel switching, please always set it as channel 1 (* The sensor might be unified for different products that are with 3 channels
2. please use and put main unit or transmitter device 1.5~2 meters away from interference source like computer monitors or TV sets. Please also place the main unit stand up far away with metal window frames.
3. Please do not use other electronic products such as headphones or speakers operating at the same signal frequency (433.92MHz), which may cause interference. Your neighbors use electronic devices operating on the same signal frequency (433.92MHz) can also cause interference.
4. To ensure accurate temperature measurement, place the device in a dry area, free of dirt and dust. Place out of direct sunlight and away from heat sources or vents.
5. You can install the wireless transmitter outdoor. For better accuracy of using, please place the sensor lengthwise/ standing up 1.5~2 meters at least away from the ground with enough air flowing and protection without rainy. Please do not expose the sensor to direct sunlight for a long time.
6. The maximum working distance of wireless transmitter is 80 meters away from main unit without obstacle in between.
7. The wireless signal from the transmitter will refresh in every 114 seconds.

Clock time setting

Press and hold set button 3 seconds and get the 12/24H text flash on display, press up or down button to choose the time format; press set button to confirm and skip to hours setting, press up or down button to adjust the hours; press set button again to confirm and skip to minute, which is same as hour's setting; repress set button to confirm and finish the time setting. (Press and hold up or down button can accelerate the adjustment.)

Temperature and humidity

1. Indoor temperature range: -10 ~+50 °C / 14 ~122 °F.
2. Outdoor temperature range: -30~+60 °C / -22~140°F. Remarks: LL.L°C or HH.H°C will show on display when out of the above range
3. Indoor and outdoor humidity range: 1%-99% LL% or HH% will display when out of range
4. Temperature accuracy: $\pm 1,0^{\circ}\text{C}$ between $0^{\circ}\text{C} \sim +50^{\circ}\text{C}$ / $32^{\circ}\text{F} \sim 104^{\circ}\text{F}$. $\pm 1,5^{\circ}\text{C}$ outside this measuring range
5. Humidity accuracy: (40-70%) $\pm 5\%$, others $\pm 8\%$
6. Press memory to check maximum and minimum history data, press and hold the memory button to manually clear the record. (Remarks: Historical record will be cleared automatically at 00:00 every day).
7. Press down button to switch temperature units: °C(Celsius degree) or °F(Fahrenheit degree).

Temperature trend

The temperature trend arrow (nearby temperature data) in different directions depending on whether the latest temperature reading is higher or lower than previous readings. Arrow angled upwards=Temperature rose up 1°C in the past 1 hour. No arrow= Temperature changed less than 1°C in the past 1 hour. Arrow angled downwards=Temperature fell off 1°C in the past 1 hour.

Humidity trend

The humidity trend arrow in different directions depending on whether the latest humidity reading is higher or lower than previous readings.

- Arrow angled upwards=Temperature rose up 5% in the past 1 hour.
- No arrow= temperature unchanged in the past 1 hour.
- Arrow angled downwards=Temperature fell off 5% in the past 1 hour.

Weather forecast

The weather forecast is based on collected hourly temperature & humidity data from the outdoor sensor. The forecast station predicts weather conditions for the next 12 hours with 70-75% accuracy. The default weather icon is partly cloudy, the base station will calibrate the weather report in the first 1-2 week based on the outdoor temperature and humidity data. The outdoor wireless transmitter should be placed outside to get accurate outdoor data, or it will affect the accurate of the weather forecast. Weather forecast will appear in one of the following combinations (reference only):



SUNNY

PARTLY CLOUDY

CLOUDY

RAINY

SNOWY

Please note that the device forecasts the weather based on limited parameters and may differ from official weather forecasts which are calculated on the basis of advanced algorithms



Frost indicator

After the outside temperature has fallen below 3°C / 34°F, the symbol is displayed as an indication and warning signal.

Troubleshooting

Doesn't display anything.	✧ Check if the batteries power installed correct in the device.
Temperature from outdoor sensor not displayed.	✧ Check that the distance between the thermometer and sensor doesn't exceed 30m(recommended). ✧ Make sure that the devices are located at least 2m from monitors and TV sets. ✧ Avoid placing the devices on or close to window frames made of metal. ✧ Avoid using electronic devices such as loudspeakers which operate at the same frequency (433MHz), close to the devices. ✧ Remove the batteries, wait a while and then reinsert them.
Displayed temperature is incorrect.	✧ Remove the batteries, wait a while and then re-insert them. ✧ Make sure that the devices are not affected by heat sources or air-conditioning units and such.

Specifications

- Indoor/outdoor temperature display
- Indoor/outdoor humidity display
- Temperature/humidity trend indication
- Weather forecast for next 12-24hours
- Freezing point indicator
- Clock (12/24 hour format)
- Outdoor sensor included (1 pc)
- LCD display
- Main unit power source: 2 x 1.5V (AAA size, included)
- Outdoor wireless transmitter power source: 2 x 1.5 V (AA size, included)
- Wireless transmitter working frequency: 433.92 MHz
- Power consumption: 18 mW (main unit), 24 mW (wireless transmitter)
- Wall hanger / Table Stand
- Device dimensions: 81 x 26 x 93 mm
- Display dimensions: 53 x 62 mm
- Device Net weight: 0.073 kg
- Sensor dimensions: 38 x 19 x 100 mm
- Sensor Net weight: 0.032 kg

Contact

- Competence Center

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- www.blaupunkt.com

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Documents / Resources

	BLAUPUNKT WS10BK Multi Functional Weather Station [pdf] Owner's Manual WS10BK Multi Functional Weather Station, WS10BK, Multi Functional Weather Station, Function al Weather Station, Weather Station, Station
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References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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