Manuals+ — User Manuals Simplified.

BLAUPUNKT WS30WH Multi-Functional Weather Station Owner's Manual

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Contents

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 totrain, 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 a 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

$C \, E$ **Conformity**

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 localseparate 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 environmental and human health.
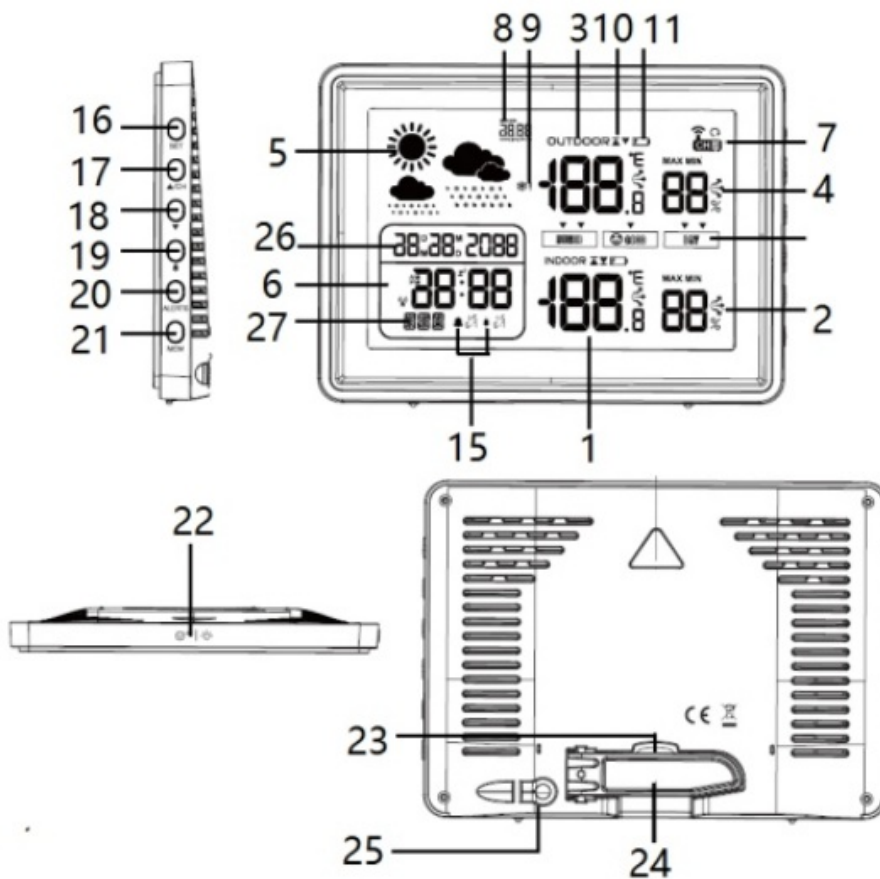
Environmental information
All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box),polystyrene foam(buffer) and poly ethylene (bags, protective foam sheet). Your system consists of material which can be recycled and reused 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.
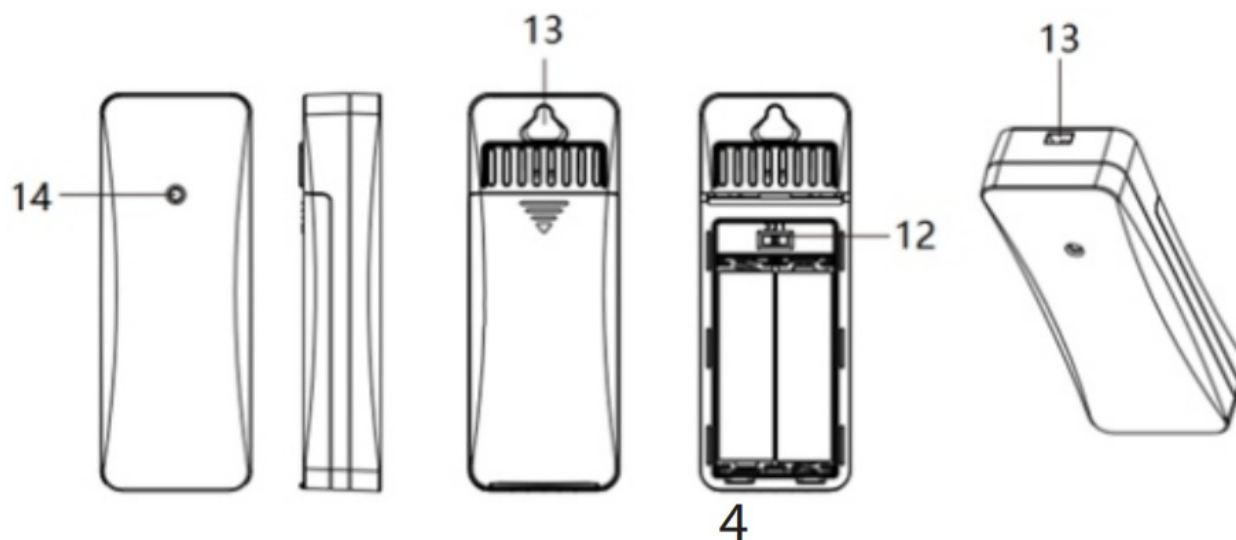
Many thanks purchase our model, this weather station product includes below features. Please read and reference this manual carefully before operate the unit. Please keep the manual for future operation reference.

Features

- Weather forecast: Sunny, Partly cloudy, Cloudy, Rainy, Snowy.

- Indoor/outdoor temperature.

- Indoor & outdoor humidity.

- In/outdoor maximum & minimum temp. & humidity history memory.

- 12/24 hours clock time, calendar.

- Alarm with snooze function.

- Maximum support and work with 3 outdoor wireless transmitters in different channel (only one transmitter included).

- In/outdoor low and high temperature alert.

- Barometer

- Freezing point indicator.

- Circumstance comfortable level indicator.
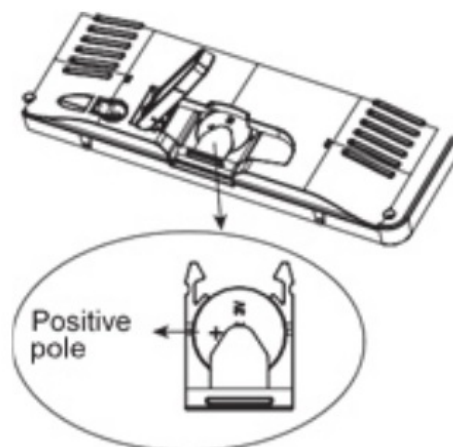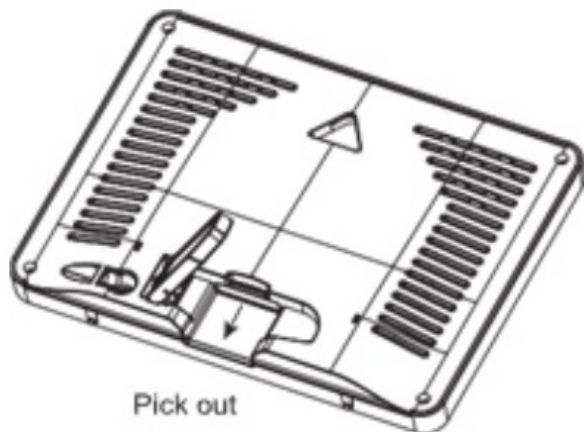
Display & controls

1. Indoor temperature/trend
2. 2. Indoor humidity/trend
3. Outdoor temperature/trend
4. Outdoor humidity/trend
5. Animated weather forecast
6. Clock time
7. Wireless transmitter channel
8. Barometric pressure data
9. Frost icon
10. high-low temperature warning
11. low battery power icon
12. Channel selector
13. Rope and hook hole
14. Sensor
15. 16-17-18-19-20-21 set/up&channel/down/alarm/alert/memory button
16. Backlight/snooze button
17. backup cell battery compartment
18. foldable stand (unfold for table placement
19. Attached DC IN power jack
20. calendar
21. Weekday

Power setting

Plug in the supplied AC/DC power adaptor to an AC household outlet in order to get power source, and plug the DC connector of power adaptor to the attached DC in power jack on the back panel of main unit. Then the unit is ready work for you. Open the battery compartment cover of outdoor wireless transmitter, insert 2 x AA batteriesto the compartment according to the correct polarity showed in the compartment. (Batteries are included) We recommend use high quality alkaline or lithium batteries for the best product performance. Heavy duty or rechargeable batteries are not recommended. Extend the foldable stand, take off the insulation sheet from the cell battery(CR2032, included) compartment. The backup battery can keep all settings(include time clock) in the event of power interruption. Push out the bracket and reinstall with fresh battery base on below in case of power exhausted.

Pick out

Positive pole

Receive signal from outdoor wireless transmitter

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

symbol(nearby channel on display) will flash on display during searching, and becomes stable after get the signal. If there is no available signal be received, the wireless symbol will be disappeared after 3 minutes, and 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 are able to work and connect with 3 outdoor wireless transmitters maximum. Open up the battery door of outdoor wireless transmitter can see and adjust the channel(include 3 channels). it requires to set up at same channel with main unit for signal receiving. For example, you select channel 1 at wireless transmitter, then the channel display of main unit should show CH1 for connection. Press the up button on side panel of main unit can adjust the channel number and check the outdoor data between CH1-3 on display. You can take the same mothed to connect other wireless transmitter, but please set it in different channels. Only one wireless transmitter include in the package.

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.

7. The wireless signal from transmitter will refresh in every 114(channel 1)/134(channel2)/158(channel3) seconds in recycle.

Settings

Press and hold set button 3 seconds and get the weekday language text flash on display, press up or down button to choose the weekday language(GER (German), ENG (English), FRE (French), ITA (Italian), SPA (Spanish), DUT

(Dutch), DAN (Danish), press set button to confirm and skip to keep tone on/off setting, which is same operation as language 's setting; repeat and finish rest setting for barometric unit /temperature unit/year/month & day format/month/date/ 12&24 hours format/hour/minute/weather (Press and hold up or down button can accelerate the adjustment; there will auto save and exit current setting if there is no further operation last for over 20 seconds)

Alarm and snooze

Short press alarm button repeatedly can switch the alarm mode between alarm1 wake up by working day/alarm1 wake up by weekend/alarm2 wake up by working day/alarm2 wake up by weekend. Choose the alarm mode, Press and hold alarm button can activate alarm setting mode, press up or down button to adjust the hour digits, press alarm button to confirm and skip to minute and alarm on/off setting which is same operation as hour's setup. Short press alarmbutton to finish the alarm setting. Using the same method can set up the rest alarm. In case you set up alarm successful, the relevant alarm icon will show on display. Press top backlight and snooze can save and exist the current setting.

When the alarm is ring up due to the setting time is being, press any button (except top backlight/snooze button) to cancel the alarming voice, and it will wake up again at same time in coming of next day. Short press top backlight/snooze button to activate snooze function, which will wake up again after 5 minutes. The snooze can repeat in each 5 minutes. Press any other button (except snooze) can cancel the snooze.

The buzz alarm voice will last for 2 minute if there is no further operation.

Temperature and humidity

1. **Indoor temperature range:** -10 ~+50 ℃ / 14 ~122 ℉.
2. **Outdoor temperature range:** -40°C~60°C(-40°F~140°F) .
   Remarks: LL.L°C or HH.H°C will show on display when out of the above range
3. 3. Indoor and outdoor humidity range: 1%-99% LL% or HH% will display when out of range
4. **Temperature accuracy:** ±1,0℃ between 0℃~ +50℃/ 32℉~104℉. ±1,5℃ outside this measuring range
5. **Humidity accuracy:** (40-70%) ± 5%, others ±8%
6. Press memory to check maximum and minimum history data, press and hold memory button to manually clear the record. **(Remarks:** Historical record will be cleared automatically at 00:00 every day).

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℃ in the past 1 hour. Arrow in straight =Temperature changed less than 1℃ in the past 1 hour. Arrow angled downwards=Temperature fell off 1℃ 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. Arrow in straight =Temperature changed less than 5% 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 barometric pressure value data from the main unit. 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 after power on ,based on the barometric pressure data. Weather forecast will appear in one of the following combinations (reference only):

- SUNNY

- PARTLY CLOUD

- 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 algorithm

Backlight and auto dim
Press top backlight/snooze button to turn on the backlight. The backlight will last 20 seconds and auto off.

Frost indicator

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

Barometric pressure
Barometer display in mmHg, inHg or hPa mb with max/min record.

Barometer range: 850-1050hPa/mb (637-787mmHg,25.1-31 inHg). Please note that this weather station reads absolute air pressure, which may differ from that in the official weather forecasts. The reason for this difference is that the relative pressure reported in the official weather forecasts is reduced to sea level. The absolute pressure indicated in this model is the pressure at a given location at the appropriate altitude.

Comfort level indicator

Display	▼ HUMID	▼ HUMID	▼ ☺ GOOD	▼ DRY	▼ DRY
Humidity	Too wet 84-99%	Wet 76-83%	Comfort 40%-75%	Dry 26-39%	Too dry 1-25%

Temperature alert
The model includes alert function which is able to get voice warning in case of the temperature is over the setup limit. Short press the alerts button repeatedly to check the alert temperature mode sequence of outdoor high temperature/ outdoor low temperature/indoor high temperature/ indoor low temperature. When you chose a temperature alert, short press up or down button to turn on/off the alert function; long press the alerts button, press up or down button can adjust the alert temperature. Short press top backlight/snooze button can save and exist current setting. The temperaturealert symbol will show on display in case of you turn on relevant alert. When the measured temperature exceeds the setup alert limit, the warning voice will come out from unit in very 60 seconds. Short press alerts button can stop and cancel the voice, but the alert icon keep flare on display until the measured data out of alert range.

Notes:
When the main unit is searching for signals from outdoor wireless transmitter, if you press the alert button to check or set the alerts, that will stop the signal searching.

Calibration
Weather stations had calibrated precisely at our manufacturing facility, but if you want the data of this product to be consistent with the reading of the equipment you are more trusted or more used to, you can manually calibrate the indoor temperature, humidity and barometer values.

1. When the display is normal mode, press and hold "ALERTS" and "MEM" button at the same time to enter calibration mode.
2. Press and release the "SET" button to confirm and move to the next setting:
3. Indoor Temperature ——Indoor Humidity——- Barometer ——Exit.
4. Press " ▲ / CH " or " ▼ " button to adjust the value.
5. Calibration range: +/- 5 degree for temperature; +/-10% for humidity; +/-9 for barometric pressure. The final data on display will plus or minus the calibrated values if you set up.

Notes:
Calibrated value's reset method: unplug the main unit power supply at first, remove the cell battery, press and hold the " 🔔 " button, then power on to reset

Low battery power indicator

- About outdoor sensor: When battery indicator shows next to the outdoor temperature, replace batteries in your outdoor sensor.
- About cell battery in Main Unit: the CR2032 cell battery is only for memorizing the setting during sudden power outage.

Trouble shooting

Doesn't display anything.	Check if the AC/DC power adaptor connect with unit properly
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 (433 .92MHz), close to the devices. • Please double check if the main unit and outdoor wireless transmitter was set up at same channel. • 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. ² 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
- Absolute air pressure display
- Comfort indicator
- Frost-point warning indication
- Humidity and temperature alert (adjustable)
- Max/min record of indoor/outdoor temperature & humidity
- Weather forecast for next 12-24 hours with barometer
- Barometer value & weather forecast can be calibrated manually
- Color LCD display with dimmer
- LCD display size :126 x 82 mm
- Clock (12/24 hour format) and calendar
- Weekdays in 7 languages: GER/ENG/FRE/ITA/SPA/DUT/DAN
- Alarm with snooze function
- Outdoor sensor included (1 pc)
- Support for up to 3 sensors
- Rolling display 3 channels
- Low battery indicator for both indoor and outdoor sensor
- all hanger / Table stand
- Power supply: 5 V 1200 mA (power adapter included)
- Outdoor wireless transmitter power source: 2 x 1.5 V (AA size, included)
- Backup battery power: CR2032(3 V, not included)
- IP54 (water proof, for wireless transmitter)

- Wireless transmitter working frequency: 433.92MHz
- Power consumption: 0.35 W (main unit), 24 mW (wireless transmitter)
- Device dimensions: 160 x 19 x 115 mm
- Net weight: 0.206 kg
- Sensor dimensions: 38 x 19 x 100 mm
- Sensor Net weight: 0.032 kg

Power adaptor information		
Information published	**Value and precision**	**Unit**
Manufacturers name or trade markCommercial registration number Address	DONGGUAN SHUIE HUAXU ELECTRONICS FACTORY Commercial Registration Number: 440429543 Address: No.200,Technology East Road,Shijie TownDongguan City,Guangdong,P.R.China	
Model identifier	HX075-0501200-AG-001	
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	DC5	V
Output current	1.2	A
Output power	6.0	W
Average active efficiency	z75	
Efficiency at low load (10%)	71.17	96
No-load power consumption	50.1	W

Costumer Support

Competence Center
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Pulawska 403A 02-801 Warsaw,
Poland phone: +48 22 688 08 00
e-mail: **infoeyeverpol.pl**
www.blaupunkt.com

In case of questions or problems please contact our service. Tel. 00 48 22 688 08 33
E-mail: **info@blaupunkt-audio.pl**

Documents / Resources

BLAUPUNKT WS30WH Multi-Functional Weather Station [pdf] Owner's Manual
WS30WH, WS30BK, WS30WH Multi-Functional Weather Station, Multi-Functional Weather Station, Weather Station

References

- ● **blaupunkt.com**