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BALDR B0340WST2H2R-V7 TOUCH SCREEN WIRELESS WEATHER STATION REMOTE SENSOR User Manual

Contents

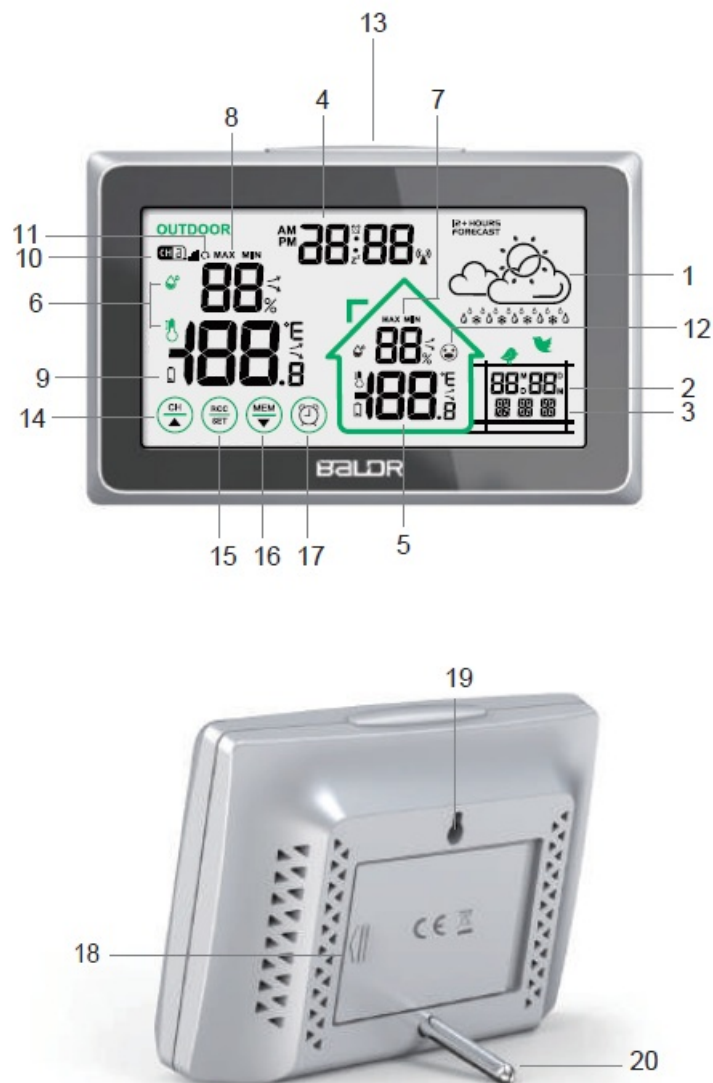**BALDR B0340WST2H2R-V7 TOUCH SCREEN WIRELESS WEATHER STATION REMOTE SENSOR**

We thank you for your purchase of Baldr Touch Screen Wireless Weather Station with Remote Sensor. It has been designed and constructed using innovative components and techniques to enable the perfect display. Please read the instructions carefully to become familiar with the properties and functions before you use the unit.

For the start-up of this device:

- Main unit by 3xAAA Batteries (not included)
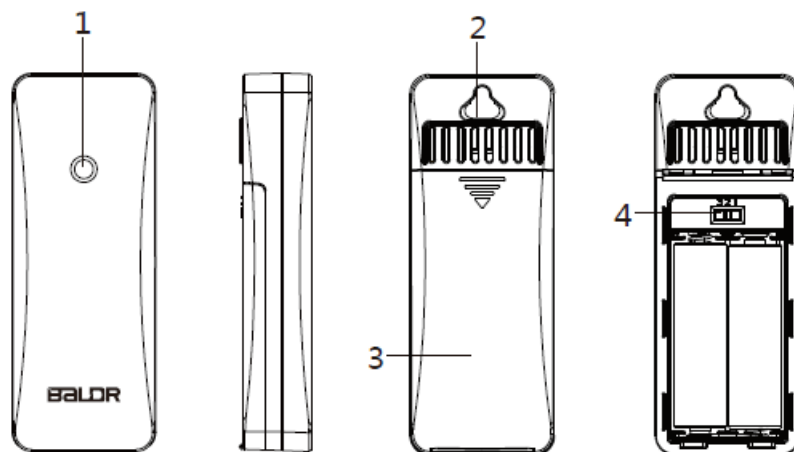- Sensor by 2 x AA batteries (not included)

PRODUCT OVERVIEW

MAIN UNIT

1. Weather forecast

   Weather forecast for next 12-24 hours

2. Calendar display

3. Weekdays in 7 languages

4. Current time

   12/24 hour format selectable

5. Indoor temperature and humidity

6. Outdoor temperature and humidity

7. Max/min record of indoor temperature and humidity

8. Max/min record of outdoor temperature and humidity

9. Low battery indication

10. Channel indication

11. Channel scan

12. Comfort level indicator

13. Top backlight button

14. " CH/▲ " touch button

    Clear sensors data and re-registration or increase the data

15. " RCC/SET " touch button

    Enter into time setting or RCC function

16. " MEM/▼" touch button

    Check or clear Max/min record ,decrease the data

17. " " touch button

    Check or enter into alarm setting

18. Battery compartment cover

19. Hanging hole

20. Removable stand bracket

OUTDOOR SENSOR

1. Signal light

2. Hanging hole

3. Battery compartment

4. Channel 1-2-3 switch

FEATURES

- DCF radio controlled time

- Up to 3 RF channels for outdoor sensors (only one sensor included)

- Calendar, alarm and snooze function

- Time display in 12/24H

- Temperature tendency display in arrows

- Weekdays in 7 languages: GER (German), ENG (English), FRE (French),ITA(Italian),SPA(Spanish), DUT(Dutch),DAN(Danish)

- Weather forecast for next 12-24 hours

- Measures indoor/outdoor humidity and temperature (°C/°F)

- Max/min record of indoor /outdoor temperature & humidity

- Indoor temperature range: -10°C~50°C(14 °F~122°F)

- Outdoor temperature range:-40°C~60°C(-40°F~140°F)

- In/outdoor humidity range: 1%-99%

- White backlight lasts for 20 seconds

- Stable and storable mental stand

PACKAGE CONTENT

Following contents are included in the package:
1 x Weather Station Main Unit
1 x Remote Sensor
1 x User Manual

GETTING START

BALDR recommends high quality alkaline or lithium batteries for the best product performance. Heavy duty or rechargeable batteries are not recommended.

MAIN UNIT INSTALLATION

1. Remove the battery compartment cover;
2. Insert 3x AAA battery matching the polarity(+and-) ;
3. Take the metal stand out of the compartment and install it on the back of the unit.

SENSOR INSTALLATION

1. Remove the battery compartment cover;
2. Insert 2 x AA batteries in each sensor matching the polarity (+and-);
3. Replace the battery cover.

SENSOR SETUP

- Switch the Channel 1-2-3 of the senor to any channel you want. For example, you can set to Channel 1 for the sensor. But please ensure the main unit are set to the same channel before synchrnization. Special note: Press " CH/▲" button on the main unit to set the channel. The setting order is CH1–CH2–CH3– Channel scan(from CH1 to CH2 to CH3, 10 seconds intervals),you must select the same number choices for both the sensor and the main unit in order to synchronize.
- Power the main unit prior to load the battery of sensor.

Note:

Main unit will auto receive outdoor signal after power on, the receiving status will last for max 3 minutes. The receiving anten-na signal will flash. If no signal received in 3 minutes, it will stop receiving outdoor signal.
If the main unit is out of 3 minutes' signal receiving window, you need to press and hold the " CH/▲" button to enter signal receiving again.

MAIN UNIT SETUP

When power on or reset, LCD will full display for 3 seconds with "BI" sound. Then display Indoor temperature and humidity with 100% backlight brightness.

RF Signal Receiving

After power on, It will start receiving outdoor sensors' signal for 3 minutes. If all 3 channels signal received within 3 minutes or receiv-ing window ends, it will enter into DCF Signal Receiving window.

DCF Signal Receiving

1. After RF signal receiving, it will start searching radio signal for 7 minutes with the antenna symbol " " flashing on screen

2. Once signal received, the main unit will display the received time/month/date/weekday with symbol " " displaying on screen.

3. Daily RCC signal receiving: there are regular radio signal receiv-ing at 1:00AM,2:00AM, 3:00AM, 4:00AM, 5:00AM each day. It starts receiving signal at 1:00AM everyday. For each day, once signal received at any one receiving time, it will stop receiving signal that day.

4. Manual receiving: press " RCC/ SET " button to enter RCC signal receiving.

5. During receiving,you can press " RCC/ SET " button to exit RCC receiving.

* RCC symbol display:

1. When receiving signal , RCC symbol " " will be flashing by "1HZ".

2. When signal successfully received, LCD will display complete RCC symbol " " and exit RCC receiving.

3. If no signal is received, the RCC symbol will disappear.

Manual Settings

1. After signal received, if there is no need for other settings, you can just finish reading here. If there is other setting requirements. Please check the following steps. Or if there is no signal received, you can follow bellow steps for Manual Setting.

2. Press and hold " RCC/SET " button to enter into setting, press
   " RCC/SET " button to skip setting steps or go to the next setting option.
   *Tips: press and hold " CH/▲ " or " MEM/▼ "button will quickly change the value by 8 steps.

3. Press " RCC/SET " to select the RCC. Default setting : ON. Press the " CH/▲" or " MEM/▼" button to select OFF or ON.

4. Press " RCC/SET " to select Time Zone. Default setting : 00. Press " CH/▲" or " MEM/▼" button to select time zone from
   -12 H to + 12 H.

5. Press " RCC/SET " to select 12/24H Time Format. Default setting : 24 H. Press the " CH/▲" or " MEM/▼ " button to select 12H or 24H.

6. Press " RCC/SET " to select Hours. Press " CH/▲" or " MEM/▼" button to adjust the value.

7. Press " RCC/SET " to select Minutes. Press " CH/▲" or
   " MEM/▼" button to adjust the value.

8. Press " RCC/SET " to select Year. Setting range: 2000-2099.Press " CH/▲" or " MEM/▼" button to adjust the value.

9. Press " RCC/SET " to select Month & Date display format. Default setting : D/M. Press the " CH/▲" or " MEM/▼" button to select M/D or D/M format. (M: Month ,D: Date)

10. Press " RCC/SET " to select the Month. Press " CH/▲" or " MEM/▼" button to adjust the value

11. Press " RCC/SET " to select the Date. Press " CH/▲" or " MEM/▼" button to adjust the value.

12. Press " RCC/SET " to select Weekday Language. Default setting :GER. Press the " CH/▲" or " MEM/▼" button to select languages: ENG GER ITA FRE DUT SPA DAN optional .
    (English/German/Italian/French/Dutch/Spanish/ Danish)

13. Press " RCC/SET " to select Temperature Unit.Default setting : °C.Press the " CH/▲" or " MEM/▼" button to

select °C/°F.

14. Press " RCC/SET " to confirm and exit.
15. During setting, touch top button to save and exit setting.
16. During setting, if no operation for 20 seconds, it will automatically save and exit setting.

ALARM FUNCTION

Alarm Time Setting

1. 1. Press and hold " " button to enter into alarm time setting.
2. Press " CH/▲" or " MEM/▼" button to adjust data; press and hold" CH/▲" or " MEM/▼" button will quickly change the value by 8 steps.
3. The setting order is: Hour → Minute→ Exit.
4. During setting, touch top button to save and exit setting.
5. During setting, if no operation for 20 seconds, it will automatical-ly save and exit setting.
6. The alarm is default ON after setting the alarm time. Alarm symbol will display on screen.

Alarm ON/OFF Setting

1. When in time display mode, press " " button to check alarm time. Press " " button twice to turn ON/OFF alarm by the ON/OFF of symbol .
2. When in alarm time display mode, press " " button to turn on/off the alarm by the ON/OFF of symbol .

SNOOZE FUNCTION

1. When the alarm is ringing, press any other button except top button to stop the alarm. And the alarm will restart next day.
2. Or when alarm is ringing, press the top button to activate snooze function. The alarm will ring again in 5 minutes snooze interval. And the " " symbol will be flashing on screen to indicate the snooze mode. Press any other button except top button to exit the snooze mode. And the alarm will restart next day.
3. When alarm rings, the ascending "Bibi" alarm sound will last for 2 minutes if no operation.

OPERATION GUIDELINES

MAX AND MIN RECORD

1. Press " MEM/▼" button to check outdoor and indoor max/min temperature and humidity.
2. The checking order is : Max Record→Min Record→Exit. The value will display for 3 seconds.
3. Press and hold the " MEM/▼" button to clear the max and min record.
4. Normally, the Max and Min record will update every 24 hours at 0:00.
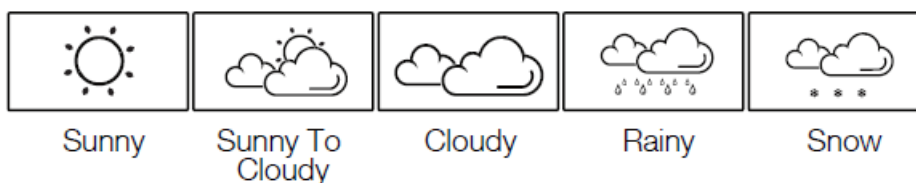5. If no operation for 3 seconds, it will automatically exit .

TEMPERATURE

1. After power on ,the indoor temperature will display automatically, it will update reading each 30 seconds and start to receive outdoor signal which lasts for max 3 minutes.

2. Indoor temperature display range:-10℃~ 50.0℃(14℉~ 122℉); for temperature lower than -10℃,the reading will be :"LL.L"; for temperature higher than +50℃,the reading will be :"HH.H".

3. Outdoor temperature display range :-40℃~60℃(-40℉~140℉); for temperature lower than -40℃,the reading will be :"LL.L"; for temperature higher than +60℃,the reading will be :"HH.H".

4. Arrow indication for temperature changes:

   will display when the reading increase by 1℃ within one hour or compared with last reading.

   will display when the reading decrease by 1℃ within one hour or compared with last reading.

5. **Accuracy:** For temperature between 0℃~50℃,the accuracy is ±1 ℃,if out of this range the accuracy will be ±2℃; Temperature resolution is 0.1 ℃(0.1℉).

6. Press " RCC/SET " button to select the temperature unit ℃/℉(Refer to Manual Settings point 13).

HUMIDITY

1. After power on ,the indoor humidity will display automatically, it will update reading each 30 seconds and start to receive outdoor signal which lasts for max 3 minutes.

2. Humidity display range: 1%-99%;for humidity lower than 1%,the reading will be "1%";for humidity higher than 99%,the reading will be "99%".

3. Accuracy: when the humidity is between 30-80%,the accuracy is ± 5%,if out of this range the accuracy will be ±7%.

4. Arrow indication for humidity changes:

   will display when the reading increase by 3% RH within one hour or compared with last reading.

   will display when the reading decrease by 3% RH within one hour or compared with last reading.

5. Humidity resolution:1% .

   Tips: The reading will be more accurate if it is placed at the same position for half an hour after power on.

WEATHER FORECAST

| Sunny | Sunny To Cloudy | Cloudy | Rainy | Snow |

The weather forecast icon will show after power on. There are 5 kinds of weather modes: Sunny, Sunny To Cloudy, Cloudy, Rainy, Snow. The weather icon displays are based on the hourly calculation of indoor/outdoor temperature & humidity and barom-eter data. The forecast is for next 12 hours with 70%-75%accuracy after 48 hours of data accumulation .

BACKLIGHT FUNCTION

When powered by batteries, press top button to turn on the backlight. The backlight will last 20 seconds.

LOW BATTERY INDICATORS

- About Outdoor Sensor: When battery indicator shows next to the outdoor temperature, replace batteries in

your outdoor sensor.

- About Main Unit: When battery indicator shows next to Indoor Temperature, replace main unit battery.

TROUBLE SHOOTING

Problem	Possible Solution
Outdoor reading is flashing or showing dashes	Flashing of the outdoor reading is generally an indication of wireless interference. 1. Bring the sensor and main unit indoors, side by side and remove batteries from each. 2. Make sure the CH 1-2-3 switch on both units match. 3. Reload batteries in outdoor sensor. 4. Reload batteries in main unit. 5. Let both units sit within a couple feet of each other for a few minutes to gain a strong connection before taking sensor to outdoor area.

Problem	Possible Solution
No outdoor sensor reception	1. Reload the batteries of both outdoor sensor and main unit. Please refer to the SENSOR SETUP section. 2. Relocate the main unit and/or the out- door sensor. The units must be within 100m(328ft) of each other. 3. Make sure both units are placed at least 0.9 m (3 ft) away from electronics that may interfere with the wireless communication (such as TVs, microwaves, computers, etc). 4. Use standard alkaline batteries. Do not use heavy duty or rechargeable batteries. NOTE: It may take a few minutes for main unit and sensor to synchronize after batteries are reloaded.
Inaccurate temperature/ humidity	Make sure both the main unit and sensor are placed out of direct sunlight and away from any heat sources or vents.
"HH.H/LL.L" display in indoor and/ or outdoor temperature	If the temperature is higher than the detec- tion range, "HH.H" will display on screen for indication; if lower than the detection range, "LL.L" will display on screen for indication.
If your BALDR product does not operate properly after trying the troubleshooting steps, please contact the seller on your order page or shoot an email to: **service@baldr.com.**	

PLACEMENT INSTRUCTION

BALDR sensors are sensitive to surrounding environmental conditions. Proper placement of both the main unit and outdoor sensor are critical to the accuracy and performance of this product.

Main Unit Placement
Place main unit in a dry area free of dirt and dust. To help ensure an accurate indoor temperature measurement,

be sure to place the Main unit away from heat sources or vents.

Outdoor Sensor Placement
Sensor must be placed outside to observe outdoor conditions. Sensor is water resistant for water splashes and is designed for general outdoor use, however, to extend its life place the sensor in an area protected from direct weather elements. The best location is 1.2 to 2.4 meters (4 to 8 feet) above the ground with permanent shade and plenty of fresh air to circulate around the sensor.

Important Placement Guidelines

- The distance between main unit and transmitter should be at least 1.5~2 meters (5~6.5 feet) away from any interfering sources such as computer monitors or TV sets.
- To maximize wireless range, place units away from large metallic items, thick walls, metal surfaces, or other objects that may limit wireless communication.
- Please do not use other electrical products such as headphones or speakers operating on the same signal frequency.
- Neighbors using electrical devices operating on the same signal frequency can also cause interference.

PRECAUTIONS

- Do not clean any part of the product with benzene, thinner or other solvent chemicals. When necessary, clean it with a soft cloth.
- Never immerse the product in water. This can cause electrical shock and damage the product.
- Do not subject the product to extreme force, shock, or fluctua-tions in temperature or humidity.
- Do not tamper With the internal components.
- Do not mix new and old batteries or batteries of different types.
- Do not mix alkaline, standard or rechargeable batteries with this product. Remove the batteries if storing this product for a long period of time.
- Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

WARRANTY

BALDR provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.
Warranty service can only be performed by our authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to us, or our authorized service center.
The warranty covers all defects in material and workmanship with the following specified exceptions:(1) damage caused by accident, unreasonable use or neglect (including the lack or reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of any accessory or decorative surface;(4) damage resulting from failure to follow instructions contained in your owner' s manual.
This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.
To receive warranty service, the purchaser must contact with BALDR nominated service center for the problem determination and service procedure.
Thank you for your choice of BALDR products!

Documents / Resources

 USER MANUAL **TOUCH SCREEN WIRELESS WEATHER STATION** **WITH REMOTE SENSOR**	**BALDR B0340WST2H2R-V7 TOUCH SCREEN WIRELESS WEATHER STATION REMOTE SENSOR** [pdf] User Manual B0340WST2H2R-V7 TOUCH SCREEN WIRELESS WEATHER STATION, REMOTE SENSOR, TOUCH SCREEN WIRELESS WEATHER STATION REMOTE SENSOR, WIRELESS WEATHER STATION REMOTE SENSOR, STATION REMOTE SENSOR, REMOTE SENSOR

References

- **B Baldr builds smart devices to connect your home!**

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