

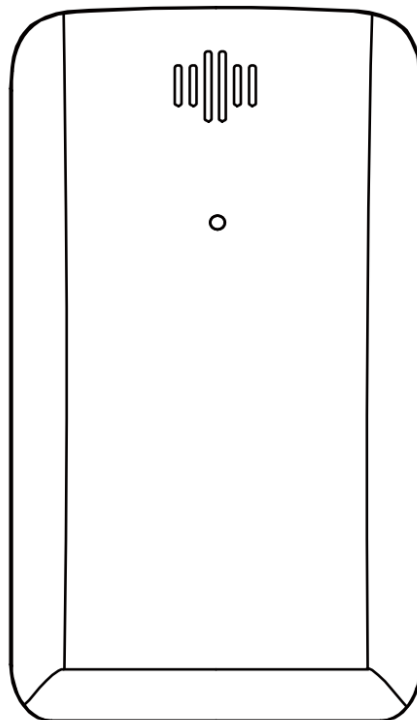


EXPLORE SCIENTIFIC ST1004H Wireless Temperature and Humidity Sensor with LED Instruction Manual

[Home](#) » [EXPLORE SCIENTIFIC](#) » EXPLORE SCIENTIFIC ST1004H Wireless Temperature and Humidity Sensor with LED Instruction Manual 

EXPLORE[®]
S C I E N T I F I C

Art.No.: ST1004H



**WIRELESS TEMPERATURE & HUMIDITY SENSOR WITH LED
INSTRUCTION MANUAL**

Contents

- 1 GENERAL WARNINGS
- 2 SCOPE OF DELIVERY
- 3 BEFORE YOU BEGIN
- 4 PRODUCT OVERVIEW
- 5 GETTING STARTED
- 6 SPECIFICATIONS
- 7 EC DECLARATION OF CONFORMITY
- 8 RCM DECLARATION OF CONFORMITY
- 9 NOTES ON CLEANING
- 10 FCC compliance statement:
- 11 DISPOSAL
- 12 WARRANTY & SERVICE
- 13 Documents / Resources
- 14 Related Posts

GENERAL WARNINGS

- **Risk of electric shock** — This device contains electronic components. Only use the device as described in the manual; otherwise, you run the risk of an electric shock.
- **Choking hazard** — Children should only use the device under adult supervision. Keep packaging material, like plastic bags and rubber bands, out of the reach of children, as these materials pose a choking hazard.
- **Risk of chemical burn** – Keep batteries out of the -reach of children! Make sure you insert the batteries correctly. Leaking battery acid can lead to chemical burns. Avoid contact of battery acid with skin, eyes, and mucous membranes. In the event of contact, rinse the affected region immediately with plenty of water and seek medical attention.
- **Risk of fire/explosion** — Do not expose the device to high temperatures. Use only the recommended batteries. Do not short-circuit the device or batteries, or throw them into Excessive heat or improper handling could trigger a short-circuit, a fire, or an explosion.
- Do not disassemble the device. In the event of a defect, please contact your dealer. The dealer will contact the Service Centre and can send the device in to be repaired, if
- Use only the recommended batteries. Always replace weak or empty batteries with a new, complete set of batteries at full capacity. Do not use batteries from different brands or with different capacities. The batteries should be removed from the unit if it has not been used for a long time.

SCOPE OF DELIVERY

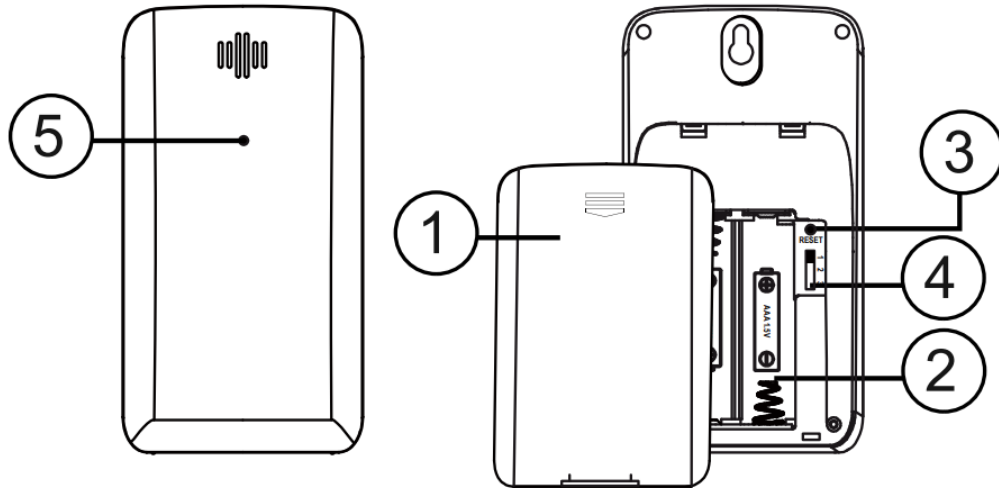
Outdoor sensor, Operating instructions.

BEFORE YOU BEGIN

- We recommend using alkaline batteries. If temperatures regularly fall below 0°C (32°F), we recommend using lithium batteries.
- Avoid using rechargeable batteries. (Rechargeable batteries cannot maintain correct power requirements.)
- Insert batteries before first use, matching the polarity in the battery compartment. 2x AAA Batteries are required for the outdoor sensor.

PRODUCT OVERVIEW

OUTDOOR SENSOR



1. Battery compartment door.
2. Battery compartment.
3. RESET button (reset all settings).
4. Channel switch.
5. Data transmission light

GETTING STARTED

The main unit can receive data from up to 3 outdoor sensors.

1. Remove the battery door from the back.
2. Select a channel.
3. Insert 2x AAA (LR03)/1.5V batteries. Please ensure the polarities (+/-) of the batteries match upon installation.
4. Reattach the battery door.
5. Place the sensor within 30 m (98 ft) of the main unit using the table stand or wall mount.
6. Initiate a sensor search on the main unit to start receiving temperature data from the sensor.

NOTE: Replace batteries when  displayed on the main unit or when the display is dim.

Ideal placements for the sensor would be in any location on the exterior of the home at a height of not more than 1.5m (5ft) and which can shield it from direct sunlight or wet conditions for an accurate reading.

The transmission range may vary depending on many factors. You may need to experiment with various locations to get the best results.

SPECIFICATIONS

Dimensions: 50 x 25 x 95 mm (L x W x H)

Weight: 45 g (Exclude batteries)

Transmission range: 30 m (98 ft)

Temperature range: -40°C to 70°C (-40°F to 158°F)


Humidity range: 20 – 95% RH

Signal frequency: 433 MHz


Maximum transmission power: under 10mW

Power: 2x AAA (LR03) 1.5V batteries

EC DECLARATION OF CONFORMITY

 Hereby, Explore Scientific GmbH declares that the equipment type with part number: ST1004H is in compliance with Directive: 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.bresser.de/download/ST1004H/CE/ST1004H_CE.pdf


RCM DECLARATION OF CONFORMITY

 The product complies with electrical safety, EMC, and radio spectrum regulatory requirements for products supplied to the Australian or New Zealand market.

NOTES ON CLEANING

- Remove the batteries before cleaning.
- Only use a dry cloth to clean the exterior. To avoid damaging the electronics, do not use any cleaning fluid.
- Protect the device from dust and moisture.

FCC compliance statement:

 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.

— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

DISPOSAL



Dispose of the packaging materials properly, according to their types, such as paper or cardboard. Contact your local waste disposal service or environmental authority for information on the proper disposal.



Do not dispose of electronic devices in the household garbage!

As per the Directive 2002/96/EC of the European Parliament on waste electrical and electronic equipment and its adaptation into German law, used electronic devices must be collected separately and recycled in an environmentally friendly manner.



In accordance with the regulations concerning batteries and rechargeable batteries, disposing of them in normal household waste is explicitly forbidden. Please make sure to dispose of your used batteries as required by law — at a local collection point or in the retail market. Disposal in domestic waste violates the Battery Directive. Batteries that contain toxins are marked with a sign and a chemical

symbol.



Cd



Hg²



Pb³

1. battery contains cadmium
2. battery contains mercury
3. battery contains lead

WARRANTY & SERVICE

The regular guarantee period is 5 years and begins on the day of purchase. You can consult the full guarantee terms as well as information on extending the guarantee period and details of our services at

www.bresser.de/warranty_terms.

MANUAL DOWNLOAD:

EU: www.bresser.de/download/ST1004H

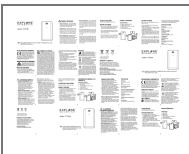
USA: www.explorescientific.com/weather-clock-manuals

SERVICE AND WARRANTY:

EU: www.bresser.de/warranty_terms

USA: www.explorescientific.com/warranty

Documents / Resources



[EXPLORE SCIENTIFIC ST1004H Wireless Temperature and Humidity Sensor with LED](#) [pdf] Instruction Manual
ST1004H, Wireless Temperature and Humidity Sensor with LED