

Transmitter for Wireless Max Min Thermometer & Humidity Meter

(12/436/0)

Instruction Manual



1. Description of Parts

Fig.1: Transmitter

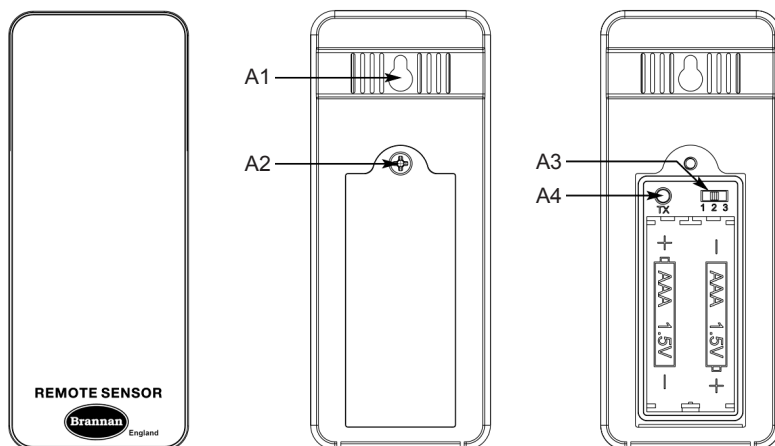


Fig.1

- A1: Wall mounting hook
A2: Battery compartment (screwed)
A3: Switch 1-2-3 for channel selection
A4: TX button

2. Before You Start

- Please read this instruction manual carefully.
The information in this manual will help you to familiarise yourself with your new device, to learn all functions and parts, to find out important details about its first use and how to operate it and to get advice in the event of a malfunction.
- Carefully following the instructions in this manual will prevent damage to your instrument and loss of your statutory rights arising from defects due to incorrect use.
- We shall not be liable for any damage occurring as a result of the user not following these instructions. Likewise, we take no responsibility for any incorrect readings and for any consequences which may result from them.
- Please take particular note of the safety advice!
- Please keep this instruction manual for future reference.

3. Product Contents

- Outdoor transmitter (CH1)
- Instruction manual

4. Specifications and Functions for Wireless Max Min Thermometer & Humidity Meter

Temperature range:	Indoor: 0°C~+50°C(32°F~122°F) ; Outdoor: -40°C~+70°C(-40°F~158°F)
Humidity range:	Indoor: 10~99%
Temperature accuracy:	+/-1°C(2°F) between 0°C and 50°C, otherwise +/-2°C(4°F)
Humidity accuracy:	+/-5% between 30 and 60%, otherwise +/-8%
Battery:	Receiver: 2 x AAA(included) Transmitter: 2 x AAA(included)
Transmission distance:	60m in free field
Transmission frequency:	433MHZ
Transmission time:	CH1 - 50 seconds CH2 - 53 seconds CH3 - 56 seconds

5. Safety Precautions

- This instrument is exclusively intended for the field of application described above. It should only be used as described within these instructions.
- Unauthorised repairs, modifications or changes to the product are prohibited.



Caution! Risk of injury!

- Keep these instruments and batteries out of reach of children.
- Batteries must not be thrown into fire, short-circuited, dismantled or recharged. Risk of explosion!
- Batteries contain harmful acids. Low batteries should be changed as soon as possible to prevent damage caused by leaking.
- Never use a combination of old and new batteries together or different battery types.
- Wear chemical-resistant protective gloves and safety glasses when handling leaking batteries.



Important information on product safety!

- Keep device away from extreme temperatures, vibrations or shocks.
- Protect device from moisture.
- The outdoor transmitter is splash-proof but not watertight. Choose a shady and dry position for the transmitter.

6. Getting Started

6.1 Inserting the batteries into the outdoor transmitter


- Open the screwed battery compartment on the outdoor transmitter.
- The slide switch for channel selection will be set at channel 1 (default).
- Insert two new AAA batteries, polarity as illustrated.
- Close the battery compartment again.

6.2 Reception of outdoor readings

- The outdoor readings of the transmitter will be transmitted to the receiver. The reading of the outdoor temperature will flash "--.--".
- The channel number and the outdoor temperature in °C (default) will display on the receiver.
- If no reception is made with the outdoor transmitter within three minutes "--.--" will show on the display. If this should occur, check the transmitter batteries or for any source of interference before trying reception again.
- Manual search for outdoor transmitter reception can be made as required (for example when the transmitter signal is lost or when changing batteries):
 - Hold the CH button on the receiver for three seconds "--.--" will appear on the display.
 - Press the TX button in the battery compartment of the outdoor transmitter
 - Close the transmitter battery compartment carefully.

7. Using your new Transmitter

Up to three outdoor transmitters can be used with the wireless max/min thermometer and humidity meter.

- Select desired channel using the 1/2/3 switch in the battery compartment of the outdoor transmitter. Use a different channel for each transmitter. The reception of the new transmitter will be transmitted automatically to the receiver. Press and hold the CH button on the receiver or restart the receiver.
- The outdoor temperature readings will be displayed on the receiver. Press the CH button on the receiver to change between channels 1, 2 and 3.
- Alternating channels can be displayed:
 - After the third channel, press the CH button again, the cycle display symbol  will display.
 - Press the CH button again to deactivate alternating channel, the first outdoor transmitter will be shown permanently
- Once registered outdoor transmitters (channels) which are no longer needed can be deleted manually by pressing the CH button for three seconds.
- When a new outdoor transmitter is received, there will be another indicator.

8. Positioning of Outdoor Transmitters

- The transmitter can be placed onto any flat surface in a suitable location or can be wall mounted using the hanging hole at the back of the unit. The outdoor transmitter should be placed in a shaded and dry position (direct sunshine can give inaccurate reading and continuous humidity strains the electronic components needlessly).

- Check the transmission of the signal from the outdoor transmitter to be receiver (transmission range of up to 60m in free field). If placed within a ferro-concrete room (superstructures, basement etc) the received signal is naturally weakened.
- If necessary, choose another position for the outdoor transmitter.

9. Care and Maintenance

- Clean the devices with a soft damp cloth. Do not use solvents or scouring agents.
- Remove batteries if you do not intend to use the products for a long period of time.
- Keep the devices in a dry place.

9.1 Battery replacement

- Change the batteries of the outdoor transmitter when the battery symbol appears on the display of the outdoor reading.
- **Note:** When the batteries are changed, the contact between the outdoor transmitter and receiver must be restored. Always insert new batteries into both devices or start a manual transmitter search (see point 8 above).
Do not use rechargeable batteries.

10. Troubleshooting

Problem	Solution
No indication at the receiver	-> Ensure the polarity of the batteries is correct -> Change the batteries
No reception of the outdoor transmitter indication “-” for channel 1/2/3	-> No transmitter is installed -> Check batteries of transmitter (do not use rechargeable batteries) -> Restart the transmitter and the receiver -> Start the transmitter search manually -> Reposition the transmitter and/or receiver -> Reduce the distance between the transmitter and the receiver -> Check for source of interference
Incorrect indication of low power symbol displayed	-> Change the batteries

11. Waste Disposal

This product has been manufactured using high grade materials and components which can be recycled and reused.

- Never dispose of empty batteries and rechargeable batteries in household waste. As a consumer, you are legally required to take them to your retail store or to an appropriate collection site depending on national or local regulations in order to protect the environment.
- This instrument is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE).
- Please do not dispose of this instrument in household waste. The user is obligated to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal.



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