

Outdoor sensor
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06/11

Safety instructions

Observe the notes on power supply. No other form of power supply other than specified in these instructions may be used.

Conventional batteries must never be charged. Danger of explosion!

Do not throw batteries into fire! Do not short-circuit batteries!

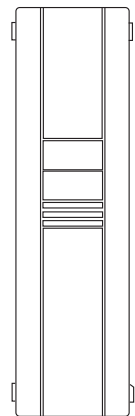
Only operate outdoor sensor in protected locations, and avoid influence of humidity, dust, sun and heat.

Proper use

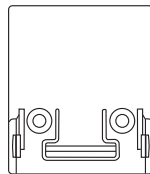
The outdoor sensor is used for measuring temperature and humidity. The measuring data can only be displayed by the energy and weather display belonging to the system.

Uses other than those specified in these operating instructions are not in accordance with the intended purpose and lead to exclusion of warranty and liability. This is also the case with modifications and conversions.

The temperature values measured are not suitable for medical use or for purposes of public information. The device is intended solely for private use.



Outdoor sensor



Bracket

Functional description

The battery-operated outdoor sensor measures outside temperature and humidity. It has an integrated temperature/humidity sensor that measures temperature and humidity. The measured values are transmitted to the energy and weather display via radio and are displayed by this.

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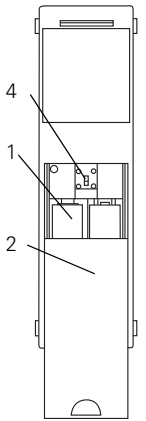
Inserting/replacing batteries

The outdoor sensor is operated with two alkaline batteries (1.5 V, type LR06, Mignon, AA).

1. Open the battery compartment cover (2) on the rear of the outdoor sensor.
2. Insert two LR06 batteries with correct polarisation into the battery compartment (1).

✓ The LED (4) briefly lights up if the batteries are inserted with correct polarisation.

3. Replace and snap-fit the battery compartment cover (2).



Using batteries

The outdoor sensor may only be operated with alkaline batteries. Rechargeable batteries must not be used.

"Empty battery" display

If the batteries in the outdoor sensor are empty, the battery symbol illuminates in the outdoor sensor area of the energy and weather display.

If this is the case, replace the station's batteries. The assignment to the energy and weather display is maintained when replacing the battery.

Assigning the outdoor sensor

Radio components must be assigned to each other to enable communication.

1. Open the battery compartment cover on the rear of the outdoor sensor.
2. Press and hold the assignment button (3) for 3 seconds.

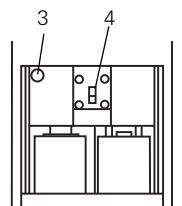
✓ The outdoor sensor now transmits an assignment signal every five seconds for the next five minutes. The LED (4) illuminates for the duration of this assignment procedure.

3. Trigger the programming mode on the energy and weather display within these five minutes (see operating instructions for the energy and weather display).

✓ Following successful assignment, the energy and weather display displays the outside temperature and humidity.

4. Pressing the assignment button again exits the programming mode of the outdoor sensor.

An outdoor sensor can be assigned to any number of energy and weather displays.



Deleting the assignment

Deletion of the outdoor sensor assignment is only possible at the energy and weather display.

Installation

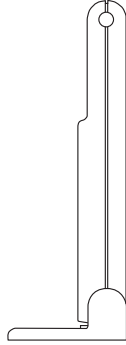
The outdoor sensor can be installed to walls or ceilings and also set up on a flat surface. Prior to installation, check the radio range of the outdoor sensor at the installation location. This controls whether the energy and weather display is able to receive and display outside temperature and humidity even after several minutes.

Installation must be carried out at a protected location. The device must not be directly exposed to rain or sunshine.

Standing installation

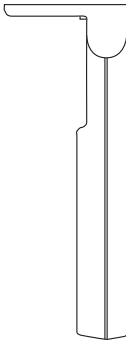
1. Snap-fit the bracket into the underside of the outdoor sensor and position the sensor vertically.

Ensure that the battery compartment is below.



Wall/ceiling mounting

1. Fix the bracket to the wall or ceiling with two screws/ two plugs.
2. Then snap-fit the device into the bracket.



Transmission behaviour and radio interference

The outdoor sensor transmits data at periods of 2 – 3 minutes to the energy and weather display. Radio transmission occurs on a non-exclusive transmission path, and interference cannot be excluded for this reason. For further information please consult the energy and weather display operating instructions.

In order to manually restore synchronisation, the assignment of the outdoor sensor can be deactivated and reassigned by the energy and weather display, as specified in the "Assigning the outdoor sensor" section.

Maintenance and cleaning

The product is maintenance-free apart from battery replacement. Leave maintenance or repair to a qualified expert.

Clean the product with a clean, soft, dry and lint-free cloth.

The cloth may be dampened with luke-warm water for removal of heavier soiling. Do not use solvent-based cleaning materials. The plastic housing and inscription may be adversely affected.

Waste disposal information



Remove empty batteries immediately and dispose of them in an environmentally-friendly way. Do not throw batteries into the domestic refuse. Local authorities inform about environmentally-compatible disposal. The end consumer is legally required to return used batteries in accordance with legislative requirements.

Technical data

Power supply:	3 V
Batteries:	2 x alkaline 1.5 V (LR06, Mignon, AA)
The outdoor sensor must not be operated with rechargeable batteries!	
Temperature range:	-20.0 °C to +50.0 °C
Resolution:	0.1 °C
Precision:	± 0.8 °C (between 10.0 °C – 40.0 °C)
Relative humidity:	1% to 99%
Precision:	± 5% (between 30% – 70%)
Transmission interval:	2 to 3 minutes (dynamic)
Transmission frequency:	868.35 MHz
Free field range:	100 m



Note

The manufacturer or seller of this sensor unit accepts no responsibility for incorrect measurement values and any consequences that may ensue.

Declaration of Conformity

The outdoor sensor may be operated in all EU and EFTA countries.

The declaration of conformity can be downloaded at www.download.gira.de.

Warranty

We provide a warranty in accordance with the statutory requirements.

Please send the device postage paid with error description via the specialist trade to our central customer service centre.

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Service Center
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42477 Radevormwald