

TEMPERATURE STATION

Instructions manual

Cat. No. 30.3036IT

Thank you for choosing this wireless temperature station from TFA.

BEFORE YOU USE IT

Please be sure to read the instruction manual carefully.

This information will help you to familiarise yourself with your new device, learn all of its functions and parts, find out important details about its first use and how to operate it, and get advice in the event of faults.

Following the instruction manual for use will prevent damage to the device 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 not following these instructions. Likewise, we are not responsible for any incorrect readings and any consequences that may result from such.

Please take particular note of the safety advice!

Please look after this manual for future reference.

SCOPE OF SUPPLY:

- Temperature station (basic unit)
- Outdoor transmitter
- Instruction manual

FIELD OF OPERATION AND ALL OF THE BENEFITS OF YOUR NEW TEMPERATURE STATION AT A GLANCE:

- Temperature display in degrees Celsius (°C)
- Indoor and outdoor temperature display with MIN/MAX recording
- All indoor and outdoor MIN/MAX recordings can be reset separately
- Low battery indicator
- Wireless transmission at 868 MHz
- Outdoor signal reception intervals at 27.5-second
- Table standing or wall mounting

FOR YOUR SAFETY:

- The product is exclusively intended for the field of application described above. The product should only be used as described within these instructions.

- Unauthorised repairs, modifications or changes to the product are prohibited.
- The product is not to be used for medical purpose or for public information, but is intended solely for home use.



Caution!
Risk of injury:

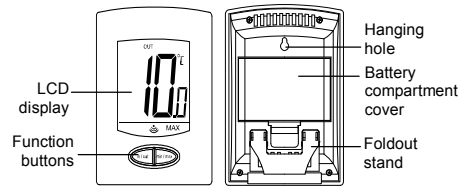
- Keep this instrument and the batteries out of reach of children.
- Batteries must not be thrown into the fire, short-circuited, taken apart or recharged. Risk of explosion!
- Batteries contain harmful acids. Low batteries should be changed as soon as possible to prevent damage caused by a leaking battery.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

! Important information on product safety!

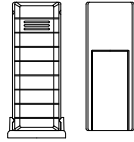
- Do not expose the instrument to extreme temperatures, vibration or shock.
- Protect from moisture.
- The outdoor transmitter is protected against splash water, but is not watertight. Choose a shady and dry position for the outdoor transmitter.

ELEMENTS

The temperature station

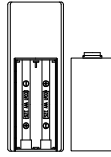


The outdoor transmitter



- Remote transmission of outdoor temperature to temperature station by 868 MHz
- Splash proof casing
- Wall mounting case
- Mounting at a sheltered place. Avoid direct rain and sunshine

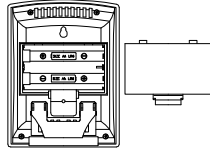
INSTALL AND REPLACE BATTERIES IN THE OUTDOOR TRANSMITTER



The outdoor transmitter uses 2 x AAA, IEC LR3, 1.5V battery. To install and replace the batteries, please follow the steps below:

1. Remove the cover at the back of the outdoor transmitter.
2. Insert batteries observing the correct polarity (see marking).
3. Replace compartment cover

INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE STATION



The temperature station uses 2 x AA, IEC LR6, 1.5V batteries. To install and replace the batteries, please follow the steps below:

1. Remove the cover at the back of the temperature station.
2. Insert batteries observing the correct polarity (see marking).
3. Replace compartment cover.

Battery replacement

- Replace the batteries of the temperature station when the RX icon appears on the display.
- When the batteries of the outdoor transmitter are used up, the TX icon appears on the display.

Note: In the event of changing batteries in any of the units, all units need to be reset by following the setting up procedures. This is because a random security code is assigned by the outdoor transmitter at start-up and this code

must be received and stored by the temperature station in the first minute of power being supplied to it.

SETTING UP:

Note: This temperature station receives only one outdoor transmitter.

1. First, insert the batteries into the outdoor transmitter (see "**Install and replace batteries in the outdoor transmitter**").
2. Immediately after and within 1 minute, insert the batteries into temperature station (see "**Install and replace batteries in the temperature station**"). Once the batteries are in place, all segments of the LCD will light up briefly. Then the indoor temperature will be display. If this is not displayed after 60 seconds, remove the batteries and wait for at least 10 seconds before reinserting them.
3. After inserting the batteries into the outdoor transmitter, the temperature station will start receiving data from the outdoor transmitter. The signal reception icon flashes.
4. To toggle the display to the outdoor temperature press the IN/OUT button. The outdoor temperature and the signal reception icon should then be displayed on the temperature station. If this does not happen

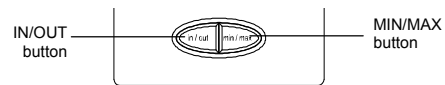
after 1 minute, the batteries will need to be removed from both units and reset from step 1.

5. In order to ensure sufficient 868 MHz transmission however, this should under good conditions be a distance no more than 80 meters between the final position of the temperature station and the outdoor transmitter (see notes on "**Mounting**" and "**868 MHz Reception**").

FUNCTION BUTTONS:

Temperature station:

The temperature station has 2 easy to use function buttons.



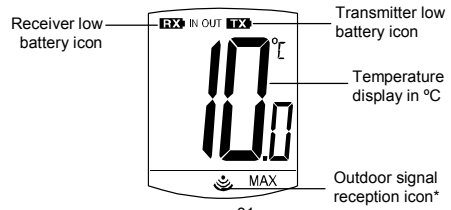
IN/OUT button

- To toggle between the indoor and outdoor temperature display

MIN/ MAX button

- To toggle between the MIN/MAX indoor and outdoor temperature display
- Press and hold to reset at the MIN/MAX indoor temperature records (if the indoor temperature is displayed)
- Press and hold to reset at the MIN/MAX outdoor temperature records (if the outdoor temperature is displayed)

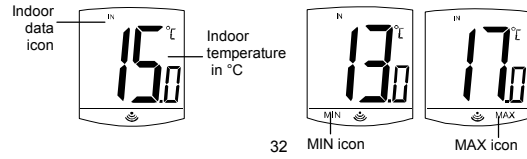
LCD SCREEN:



* When the signal is successfully received by the temperature station, the outdoor transmission icon will be switched on. (If not successful, the icon will not be shown on LCD). The user can then easily see whether the last reception was successful (icon on) or not (icon off). On the other hand, the short blinking of the icon shows that a reception is currently taking place.

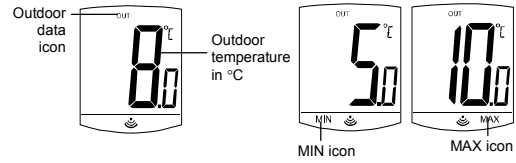
DISPLAY OF INDOOR TEMPERATURE READING AND INDOOR MIN/MAX RECORDS:

1. Press the IN/OUT button to view the current indoor temperature
2. Press the MIN/MAX button to view the MIN record
3. Press again the MIN/MAX button to view the MAX record.
4. Press the MIN/MAX button once more to return to current indoor temperature.



DISPLAY OF OUTDOOR TEMPERATURE READING AND OUTDOOR MIN/MAX RECORDS:

1. Press the IN/OUT button to view the current outdoor temperature
2. Press the MIN/MAX button to view the MIN record
3. Press again the MIN/MAX button to view the MAX record.
4. Press the MIN/MAX button once more to return to current outdoor temperature.



RESETTING THE MIN/MAX RECORDS

When the indoor temperature is displayed, press and hold the MIN/MAX button for about 2 seconds to reset the indoor MIN/MAX temperature records to the current indoor temperature.

When the outdoor temperature is displayed, press and hold the MIN/MAX button for about 2 seconds to reset the outdoor MIN/MAX temperature records to the current indoor temperature.

Note: the indoor and outdoor temperature need to be reset separately.

868 MHz RECEPTION

The temperature station should receive the temperature data within 1 minute after set-up. If the temperature data is not received 1 minute after setting up (not successfully continuously, the outdoor display shows "--"), please check the following points:

1. The distance of the temperature station or outdoor transmitter should be at least 5-6 feet away from any interfering sources such as computer monitors or TV sets.
2. Avoid positioning the temperature station onto or in the immediate proximity of metal window frames.
3. Using other electrical products such as headphones or speakers operating on the same signal frequency (868MHz) may prevent correct signal transmission and reception.

4. Neighbours using electrical devices operating on the 868MHz signal frequency can also cause interference.

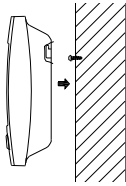
Note:

When the 868MHz signal is received correctly, do not re-open the battery cover of either the outdoor transmitter or temperature station, as the batteries may spring free from the contacts and force a false reset. Should this happen accidentally then reset all units (see **Setting up** above) otherwise transmission problems may occur.

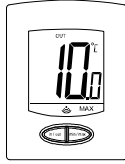
The maximum transmission range is 80 m from the outdoor transmitter to the temperature station (in open space). However, this depends on the surrounding environment and interference levels. If no reception is possible despite the observation of these factors, all system units have to be reset (see **Setting up**).

POSITIONING THE TEMPERATURE STATION:

Before wall mounting, please check that the outdoor temperature values can be received from the desired locations.

**To wall mount**

1. Fix a screw (not supplied) into the desired wall, leaving the head extended out the by about 5mm.
2. Hang the temperature station onto the screw. Remember to ensure that it locks into place before releasing.

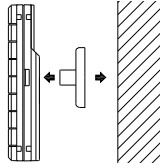
**Free standing**

With the foldout stand, the temperature station can be placed onto any flat surface.

POSITIONING THE OUTDOOR TRANSMITTER:



The outdoor transmitter is supplied with a holder that may be attached to a wall with the two screws supplied. The outdoor transmitter can also be positioned on a flat surface by securing the stand to the bottom to the outdoor transmitter.



To wall mount:

1. Secure the bracket onto a desired wall using the screws and plastic anchors.
2. Clip the remote temperature sensor onto the bracket.

Note:

Before permanently fixing the outdoor transmitter wall base, place all units in the desired locations to

check that the temperature reading is receivable. In event that the signal is not received, relocate the outdoor transmitter or move it slightly as this may help the signal reception.

CARE AND MAINTENANCE

- Clean the temperature station and the outdoor transmitter with a soft damp cloth. Do not use solvents or scouring agents.
- Remove the batteries if you do not use the product for a lengthy period.

TROUBLESHOOTING

Problems	Solution
No indication on the temperature station	<ul style="list-style-type: none">• Ensure batteries polarity are correct• Change batteries
No transmitter reception Display "----"	<ul style="list-style-type: none">• Check batteries of external transmitter (do not use rechargeable batteries!)• Restart the outdoor transmitter and temperature station as per the manual• Choose another place for the outdoor

	transmitter and/or the temperature station <ul style="list-style-type: none"> • Reduce the distance between the outdoor transmitter and the temperature station • Check if there is any source of interference
Incorrect display	<ul style="list-style-type: none"> • Change batteries

WASTE DISPOSAL

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



Never throw flat batteries and rechargeable batteries in household waste.

As a consumer, you are legally required to take them to your retail store or to appropriate collection sites according to national or local regulations in order to protect the environment.

The symbols for the heavy metals contained are: Cd=cadmium, Hg=mercury, Pb=lead



This instrument is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE). Please do not dispose of this product with other 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.

SPECIFICATIONS:

Temperature measuring range:

Indoor : -9,9°C to +59,9°C with 0,1°C resolution

("OF.L" displayed if outside this range)

Outdoor : -39,9°C to +59,9°C with 0,1°C resolution

("OF.L" displayed if outside this range)

Indoor temperature checking interval : every 27,5 seconds

Outdoor data reception : every 27,5 seconds

Transmission range : up to 80 meters (open space)

Power consumption:

Temperature station : 2 x AA, IEC LR6, 1,5V

Outdoor transmitter : 2 x AAA, IEC, LR3 1,5V
Battery life cycle (Alkaline batteries recommended):
Temperature station : Approximately 24 months
Outdoor transmitter : Approximately 12 months
Dimensions (H x L x W):
Temperature station : 74 x 29,1 x 98mm
Outdoor transmitter : 32,4 x 14,1 x 86,5mm

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Dostmann. The technical data are correct at the time of going to print and may
change without prior notice.

DECLARATION OF CONFORMITY

Herewith we declare, that this wireless transmission device does comply with
the essentials requirements of R&TTE Directive 1999/5/EC.

A copy of the signed and dated Declaration of Conformity is available on
request via info@tfa-dostmann.de.

www.tfa-dostmann.de

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