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TFA 30.3016.10.IT

TFA-Dostmann Wave Radio-Controlled Thermometer

MODEL: 30.3016.10.IT

Introduction

The TFA-Dostmann Wave Radio-Controlled Thermometer provides accurate indoor and outdoor temperature measurements, along with a precise radio-controlled clock and date display. This device features wireless outdoor temperature transmission up to 100 meters (in open field conditions) and records maximum and minimum temperature values. It is designed for simple operation and reliable performance.

Safety Information

- Read these instructions carefully before using the device. Keep this manual for future reference.
- Do not expose the device to extreme temperatures, direct sunlight, or excessive moisture.
- Do not attempt to repair the device yourself. Refer all servicing to qualified personnel.
- Keep batteries out of reach of children. Dispose of used batteries according to local regulations.
- Ensure proper polarity when inserting batteries.

Package Contents

- 1x Main Display Unit
- 1x Wireless Outdoor Sensor
- 4x AA 1.5V Batteries (typically included)
- 1x Instruction Manual

Product Overview



Image 1: Main display unit (left) and wireless outdoor sensor (right). The main unit shows time, date, indoor temperature, and outdoor temperature. The outdoor sensor transmits temperature data wirelessly.



Image 2: A close-up view of the main unit's display, showing the current time, date, indoor temperature, and outdoor temperature. The radio signal icon indicates successful time synchronization.

Main Display Unit

- **LCD Display:** Shows time, date, indoor temperature, outdoor temperature, and various indicators.
- **SET Button:** Used for entering settings mode and adjusting values.
- **MIN/MAX/+ Button:** Used to view minimum/maximum temperature records and adjust values in settings mode.
- **Battery Compartment:** Located on the back, for 2x AA 1.5V batteries.

Wireless Outdoor Sensor

- **Temperature Sensor:** Measures outdoor temperature.
- **Transmission Indicator:** A small LED that flashes during data transmission.
- **Battery Compartment:** For 2x AA 1.5V batteries.

Setup

1. Battery Installation

1. Open the battery compartment of the wireless outdoor sensor. Insert 2x AA 1.5V batteries, observing the correct polarity (+/-). Close the compartment.
2. Open the battery compartment of the main display unit. Insert 2x AA 1.5V batteries, observing the correct polarity (+/-). Close the compartment.

Note: It is recommended to insert batteries into the outdoor sensor first to ensure proper synchronization.

2. Sensor Placement



Image 3: The main display unit placed on a wooden surface, indicating its suitability for indoor use. The outdoor sensor should be placed separately.

- Place the outdoor sensor in a shaded, dry location, protected from direct rain, snow, and direct sunlight.
- Ensure the sensor is mounted vertically to prevent water from entering the battery compartment.

- The maximum transmission range is 100 meters in an open field. Walls, metal structures, and electronic devices can reduce this range.
- Position the main unit indoors, away from large metal objects or other electronic devices that might cause interference.

3. Initial Synchronization

After battery installation, the main unit will automatically search for the outdoor sensor signal and the radio-controlled time signal. This process may take several minutes. Once synchronized, the outdoor temperature and the precise time/date will appear on the display.

Operating

Display Information

The LCD display shows the following information:

- **Current Time:** Radio-controlled for high precision.
- **Date:** Day and month.
- **Indoor Temperature:** Measured by the main unit.
- **Outdoor Temperature:** Transmitted wirelessly from the outdoor sensor.
- **Radio Signal Icon:** Indicates successful reception of the time signal.
- **Low Battery Indicator:** Appears when batteries need replacement.

Setting Time Zone

The device allows for a time zone adjustment of ±12 hours. To set the time zone:

1. Press and hold the **SET** button until the time zone offset starts flashing.
2. Use the **MIN/MAX/+** button to adjust the offset.
3. Press **SET** again to confirm and exit.

Viewing Minimum and Maximum Temperatures

Press the **MIN/MAX/+** button repeatedly to cycle through the following displays:

- Current indoor/outdoor temperature.
- Maximum recorded indoor/outdoor temperature (since last reset).
- Minimum recorded indoor/outdoor temperature (since last reset).

To reset the MIN/MAX values, press and hold the **MIN/MAX/+** button while the MIN or MAX values are displayed.

Maintenance

Cleaning

Wipe the device with a soft, slightly damp cloth. Do not use abrasive cleaning agents or solvents, as these may damage the display or casing.

Battery Replacement

When the low battery indicator appears on the display, replace all batteries in both the main unit and the outdoor sensor. Ensure correct polarity. Dispose of old batteries responsibly according to environmental regulations.

Storage

If the device will not be used for an extended period, remove the batteries from both units to prevent leakage and damage.

Troubleshooting

Problem	Possible Cause	Solution
No outdoor temperature display	Outdoor sensor out of range, low batteries, interference.	Check/replace sensor batteries. Reposition sensor closer to main unit. Ensure no major obstructions or electronic interference.
Incorrect time display	Poor radio signal reception, incorrect time zone.	Move main unit to a location with better radio signal reception (e.g., near a window). Check and adjust the time zone setting.
Display is blank or dim	Low or depleted batteries.	Replace all batteries in the main unit.

Specifications



Image 4: The main display unit with its approximate dimensions: 18cm height, 11cm length (width), and 6cm depth.

- **Model Number:** 30.3016.10.IT
- **Main Unit Dimensions (L x W x H):** Approximately 2.9 x 7 x 11.5 cm
- **Main Unit Weight:** Approximately 99 g
- **Power Supply:** Main Unit: 2x AA 1.5V batteries; Outdoor Sensor: 2x AA 1.5V batteries
- **Indoor Temperature Range:** -10°C to +60°C
- **Outdoor Temperature Range:** -40°C to +60°C
- **Wireless Transmission:** 868 MHz, up to 100m (open field)
- **Clock:** Radio-controlled with date display and ±12 hours time zone adjustment

- **Material:** Metal (main unit)
- **Special Feature:** Low battery indicator

Warranty

This product typically comes with a 1-year availability for spare parts. For specific warranty terms and conditions, please refer to your retailer or the official TFA Dostmann website. Standard return policies may apply as per the point of purchase.

Support

For further assistance, technical support, or inquiries regarding your TFA-Dostmann Wave Radio-Controlled Thermometer, please visit the official TFA Dostmann website or contact their customer service department. TFA Dostmann GmbH & Co. KG is a leading European manufacturer of weather and measuring instruments.

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