

TFA 30.5045.54

TFA-Dostmann TFA 30.5045.54 Digital Thermo-Hygrometer Instruction Manual

Model: 30.5045.54 | Brand: TFA

1. INTRODUCTION

This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your TFA-Dostmann TFA 30.5045.54 Digital Thermo-Hygrometer. This device is designed to monitor indoor temperature and humidity, featuring a clear display with comfort level indications and trend arrows. It can also function as a remote sensor for compatible TFA devices.

Key features include:

- Indoor temperature and humidity display.
- Trend arrows for temperature and humidity values.
- Colored comfort zones for quick climate assessment.
- Max-Min memory function for recorded values.
- Compatibility as a remote sensor for TFA models 30.3054.10, 30.3056.10, and 30.3062.10.

2. PACKAGE CONTENTS

Please check that all items are present and undamaged:

- TFA 30.5045.54 Digital Thermo-Hygrometer unit

Note: 2 x 1.5V AAA batteries are required for operation and are not included in the package.

3. DEVICE OVERVIEW



Figure 1: Front view of the TFA 30.5045.54 Digital Thermo-Hygrometer. The display shows current temperature (21.7°C) and humidity (39%), along with trend indicators and comfort level zones (DRY, COM, WET). Below the display are control buttons: MIN/MAX, CH/+, and SET.

Display Elements:

- **Temperature Display:** Shows current indoor temperature in Celsius. Includes a trend arrow indicating rising, stable, or falling temperature.
- **Humidity Display:** Shows current indoor relative humidity in percentage. Includes a trend arrow indicating rising, stable, or falling humidity.
- **Comfort Zones:** Colored segments (DRY, COM, WET) indicate the current humidity comfort level.
 - **DRY:** Humidity below 45%
 - **COM (Comfort):** Humidity between 45% and 65%
 - **WET:** Humidity above 65%
- **CH (Channel) Indicator:** Displays the current channel when used with remote sensors.

Control Buttons:

- **MIN/MAX:** Press to view minimum and maximum recorded temperature and humidity values. Press again to cycle through values. Hold to reset recorded values.
- **CH/+:** Used to select channels when multiple remote sensors are connected. Also used for

increasing values in settings.

- **SET:** Used to enter settings mode or confirm selections.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment cover on the back of the unit.
2. Remove the cover by sliding it down or lifting it off.
3. Insert two (2) 1.5V AAA batteries, ensuring correct polarity (+ and -).
4. Replace the battery compartment cover.
5. The device will power on automatically and display current temperature and humidity.

4.2 Placement

The TFA 30.5045.54 Thermo-Hygrometer can be placed on a tabletop or mounted on a wall.

- **Tabletop:** Use the integrated stand on the back of the unit to place it on a flat surface.
- **Wall-mounted:** Use a screw (not included) to hang the unit from the designated mounting hole on the back.

For accurate readings, place the unit away from direct sunlight, heat sources, and drafts.

5. OPERATING INSTRUCTIONS

5.1 Current Readings

Upon power-on, the device immediately displays the current indoor temperature and humidity. The trend arrows next to the temperature and humidity values indicate whether the respective measurement is rising, stable, or falling over a short period.

5.2 Comfort Level Indication

The colored zones at the bottom of the display provide a quick visual reference for the indoor humidity comfort level:

- **DRY (Blue):** Humidity is below 45%.
- **COM (Green):** Humidity is between 45% and 65%, indicating a comfortable range.
- **WET (Orange):** Humidity is above 65%.

5.3 Minimum and Maximum Values

To view the recorded minimum and maximum temperature and humidity values:

1. Press the **MIN/MAX** button once to display the maximum recorded values.
2. Press the **MIN/MAX** button again to display the minimum recorded values.
3. Press the **MIN/MAX** button a third time to return to current readings.

To reset the minimum and maximum values, press and hold the **MIN/MAX** button for approximately 3 seconds while the MIN or MAX values are displayed. The display will flash, indicating the values have been reset.

5.4 Remote Sensor Functionality

This unit can function as an additional remote sensor for compatible TFA devices, specifically models 30.3054.10, 30.3056.10 (for temperature and humidity), and 30.3062.10 (for temperature only). Refer to the instruction manual of your main TFA device for details on pairing and channel selection. Use the **CH/+** button on this unit to select the appropriate channel if necessary.

6. MAINTENANCE

6.1 Cleaning

Clean the device with a soft, damp cloth. Do not use abrasive cleaning agents or solvents, as these may damage the display or casing. Avoid getting moisture into the device's internal components.

6.2 Battery Replacement

When the battery indicator appears on the display, replace the batteries. Follow the steps in Section 4.1 Battery Installation. Dispose of used batteries according to local regulations.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or faint display	Batteries are dead or incorrectly inserted.	Replace batteries with new 1.5V AAA batteries, ensuring correct polarity.
Inaccurate readings	Unit is placed near heat sources, direct sunlight, or drafts.	Relocate the unit to a stable indoor environment away from extreme temperature fluctuations.
Remote sensor not connecting	Incorrect channel selected or interference.	Ensure the main unit and this sensor are on the same channel. Check for obstructions or other electronic devices causing interference. Refer to the main unit's manual.

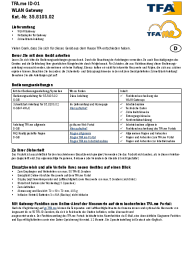
8. SPECIFICATIONS

- **Model:** 30.5045.54
- **Temperature Range:** 0°C to +60°C (32°F to 140°F)
- **Temperature Resolution:** 0.1°C
- **Humidity Range:** 10% to 99% RH
- **Power:** 2 x 1.5V AAA batteries (not included)
- **Dimensions:** 64 x 109 x 18 mm (2.52 x 4.29 x 0.71 inches)
- **Weight:** 65 grams (2.29 ounces)
- **Mounting Type:** Tabletop or Wall-mounted
- **Manufacturer:** TFA Dostmann

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

Related Documents - 30.5045.54

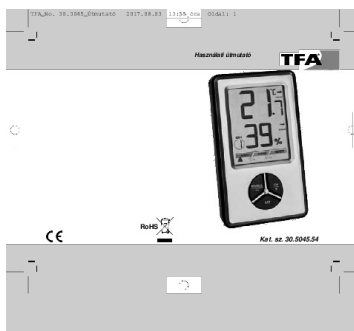
	TFA 30.5033 Digital Thermo-Hygrometer: User Manual and Features This document provides comprehensive instructions for the TFA 30.5033 Digital Thermo-Hygrometer. It covers device features, setup, operation, safety precautions, troubleshooting, and technical specifications, ensuring optimal use for monitoring indoor temperature and humidity.
	TFA Digital Thermo-Hygrometer 30.5033 Instruction Manual User guide for the TFA Digital Thermo-Hygrometer (Model 30.5033), covering setup, operation, features like temperature/humidity monitoring, time, alarm, and safety instructions from TFA Dostmann.
	TFA 60.4525 Radio-Controlled Clock with Indoor Climate - User Manual User manual for the TFA 60.4525 radio-controlled clock, providing instructions on setup, operation, features, troubleshooting, and technical specifications. Displays time, indoor temperature, and humidity.
	TFA Digital Thermo-Hygrometer Manual Instruction manual for the TFA Digital Thermo-Hygrometer, covering setup, operation, features, troubleshooting, and disposal. Includes specifications and safety information.
	TFA.me ID-01 WLAN Gateway User Manual User manual for the TFA.me ID-01 WLAN Gateway, covering setup, operation, safety, and troubleshooting. Learn how to connect the gateway to your Wi-Fi network, display indoor and outdoor temperature/humidity, and access data via the TFA.me online portal.
	TFA Klima BEE Thermo-Hygrometer User Manual and Specifications Comprehensive user manual and technical specifications for the TFA Klima BEE Thermo-Hygrometer, covering operation, safety, troubleshooting, and product details.



[TFA Katalog 2022-2023: Messgeräte für Wetter, Raumklima und Zeit](#)

Entdecken Sie den TFA Katalog 2022-2023 mit einer breiten Palette an Messgeräten, darunter Wetterstationen, Thermometer, Hygrometer und Uhren. Erfahren Sie mehr über TFA Dostmanns innovative Produkte für Wetter, Raumklima und Zeit.

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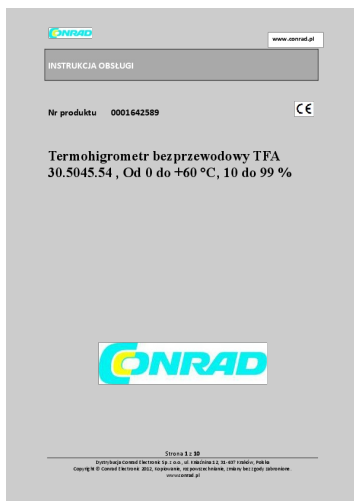


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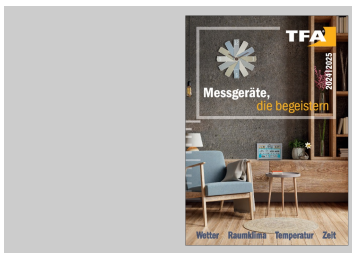


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[TFA Dostmann Gesamtatalog 2018/19: Wetterstationen und Messgeräte](#)

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