

## TFA 35.1168.02

# TFA Dostmann Wireless Weather Station Clear 35.1168.02 User Manual

Model: 35.1168.02 | Brand: TFA Dostmann

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your TFA Dostmann Clear 35.1168.02 Wireless Weather Station. Please read this manual thoroughly before using the device to ensure correct operation and to prevent damage.

The weather station monitors indoor and outdoor temperature and humidity, and provides a weather forecast based on atmospheric pressure changes.

## 2. SAFETY INFORMATION

- Keep the device and batteries out of reach of children.
- Do not expose the device to extreme temperatures, vibrations, or shocks.
- Avoid direct sunlight and moisture.
- Do not immerse the device in water.
- Use only specified batteries. Ensure correct polarity.
- Replace all batteries simultaneously.
- Dispose of depleted batteries and the device according to local regulations.
- The outdoor sensor should be placed in a sheltered location, protected from direct precipitation.

## 3. PACKAGE CONTENTS

- Base Station (Weather Station)
- Thermo-Hygrometer Outdoor Sensor (Model: 30.3256.02)
- User Manual

*Note: 4 x 1.5V AAA batteries (2 for base station, 2 for outdoor sensor) are required and not included.*

## 4. PRODUCT OVERVIEW



Figure 1: TFA Dostmann Clear 35.1168.02 Wireless Weather Station (Base Unit and Outdoor Sensor).

This image displays the main weather station unit on the right, showing its digital display with atmospheric pressure, weather icons, outdoor temperature and humidity, and indoor temperature and humidity. To the left is the compact outdoor sensor, also displaying temperature and humidity.

#### 4.1 Base Station Display Elements

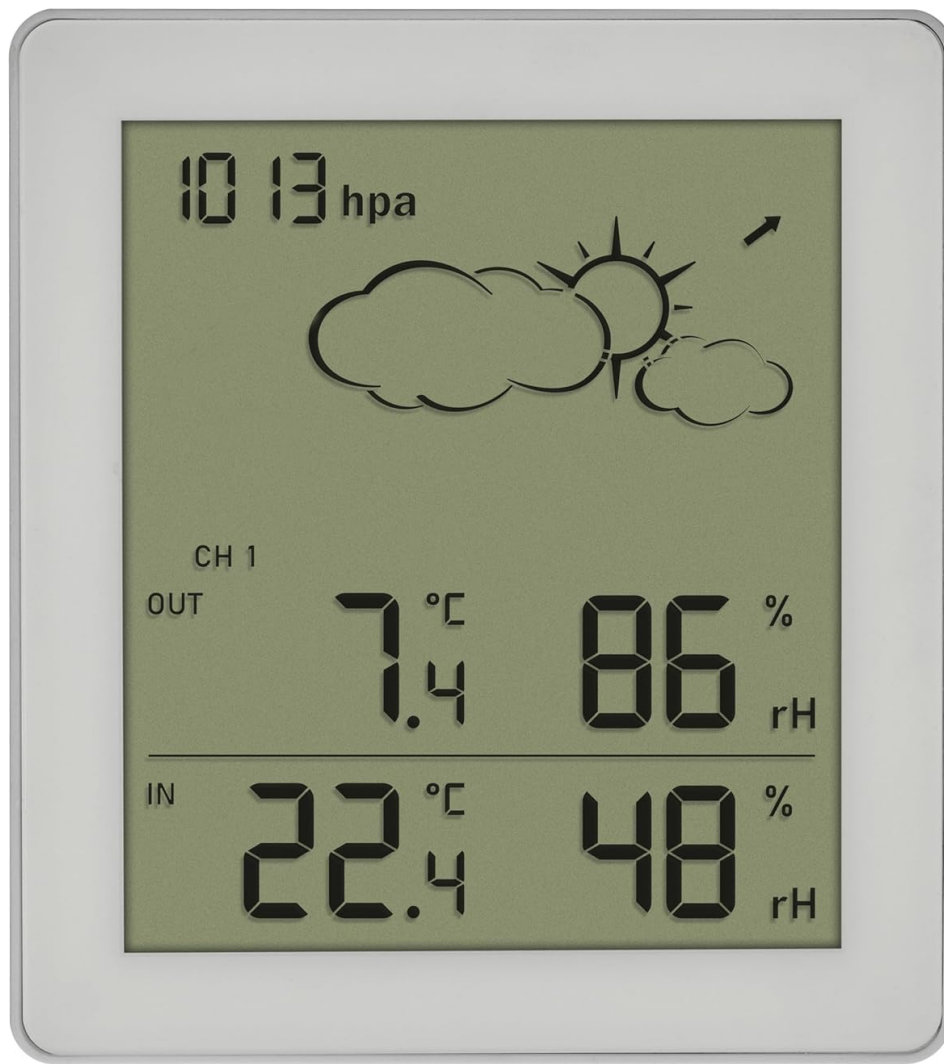


Figure 2: Close-up of the Weather Station Display.

The display shows: atmospheric pressure (hPa), weather forecast icons (sunny, partly cloudy, cloudy, rainy), outdoor channel indicator (CH 1 OUT), outdoor temperature (°C/°F) and humidity (%), and indoor temperature (°C/°F) and humidity (%).

- **Atmospheric Pressure:** Displayed in hPa, with trend arrows.
- **Weather Forecast Icons:** 4 symbols (sunny, partly cloudy, cloudy, rainy) based on pressure changes.
- **Outdoor Temperature & Humidity:** From the wireless sensor.
- **Indoor Temperature & Humidity:** Measured by the base station.
- **Channel Indicator:** Shows which outdoor sensor channel is currently displayed (up to 3 sensors supported).

#### 4.2 Base Station Control Buttons (Rear)



Figure 3: Rear of the Base Station showing control buttons and battery compartment.

The rear panel features four control buttons: DOWN, UP, CHANNEL, and SET. These buttons are used for navigating settings, adjusting values, and switching between outdoor sensor channels.

- **DOWN:** Decreases values, navigates menus.
- **UP:** Increases values, navigates menus.
- **CHANNEL:** Switches between outdoor sensor channels (if multiple sensors are paired).
- **SET:** Enters settings mode, confirms selections.

## 5. SETUP

### 5.1 Battery Installation

1. **Outdoor Sensor:** Open the battery compartment on the back of the outdoor sensor. Insert 2 x 1.5V AAA batteries, observing correct polarity (+/-). Close the compartment.
2. **Base Station:** Open the battery compartment on the back of the base station. Insert 2 x 1.5V AAA batteries, observing correct polarity (+/-). Close the compartment.
3. The base station will emit a short beep and all LCD segments will light up briefly. It will then display indoor temperature and humidity. The outdoor sensor data will appear shortly after.

## 5.2 Sensor Pairing

The base station will automatically attempt to connect to the outdoor sensor upon battery insertion. Ensure the sensor is within range (max. 100m in open air). If connection is not established, press the "CHANNEL" button on the base station to initiate a manual search.

The station supports up to three outdoor sensors. To add additional sensors, repeat the battery installation process for each new sensor. Use the "CHANNEL" button to cycle through and display data from different sensors.

## 5.3 Initial Settings (Atmospheric Pressure)

The atmospheric pressure needs to be set during initial setup for accurate weather forecasting. Consult a local weather service or online source for the current atmospheric pressure in your area.

1. Press and hold the "SET" button until the atmospheric pressure value flashes.
2. Use the "UP" or "DOWN" buttons to adjust the value to your local atmospheric pressure.
3. Press "SET" again to confirm and exit the setting mode.

## 5.4 Placement

- **Base Station:** Place the base station indoors on a flat surface or mount it on a wall. Avoid placing it near heat sources, direct sunlight, or areas with high electromagnetic interference.
- **Outdoor Sensor:** Position the outdoor sensor in a sheltered location, protected from direct rain and snow. Ensure good air circulation around the sensor. Avoid direct sunlight to prevent inaccurate temperature readings. The maximum range is 100m (open field).

# 6. OPERATING THE WEATHER STATION

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## 6.1 Displaying Temperature and Humidity

The base station continuously displays indoor temperature and humidity, along with the selected outdoor sensor's temperature and humidity.

## 6.2 Switching Temperature Units (°C/°F)

To switch between Celsius and Fahrenheit, briefly press the "UP" button outside of setting mode.

## 6.3 Weather Forecast

The weather station provides a forecast for the next 12-24 hours using four weather icons: sunny, partly cloudy, cloudy, and rainy. These forecasts are based on changes in atmospheric pressure. The accuracy of the forecast improves after the initial atmospheric pressure setting has been stable for several hours.

## 6.4 Atmospheric Pressure Trend

Arrows next to the atmospheric pressure display indicate whether the pressure has risen, fallen, or remained stable over the last hour. This helps in understanding short-term weather trends.

# 7. MAINTENANCE

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## 7.1 Cleaning

Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no moisture enters the device.

## 7.2 Battery Replacement

Replace batteries when the low battery indicator appears on the display. Always replace all batteries in a

unit (base station or sensor) simultaneously to ensure optimal performance. Dispose of old batteries responsibly.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No outdoor temperature/humidity display.	Batteries in outdoor sensor are depleted or incorrectly inserted. Outdoor sensor is out of range or has interference. Base station not searching for sensor.	Check/replace batteries in the outdoor sensor. Relocate the outdoor sensor closer to the base station or away from sources of interference (e.g., thick walls, metal objects, other electronic devices). Press the "CHANNEL" button on the base station to initiate a manual search for the sensor.
Inaccurate weather forecast.	Initial atmospheric pressure not set correctly. Rapid local weather changes.	Re-calibrate the atmospheric pressure setting (refer to section 5.3). Weather forecasts are based on pressure trends and may not always match official forecasts perfectly, especially during unstable weather.
Display is dim or blank.	Low batteries in the base station.	Replace batteries in the base station.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	35.1168.02
Outdoor Temperature Range	-20 °C to +60 °C (-4 °F to +140 °F)
Indoor Temperature Range	-10 °C to +50 °C (+14 °F to +122 °F)
Indoor Humidity Range	20% to 95% relative humidity
Material	Plastic
Maximum Range (Outdoor Sensor)	100 m (open field)
Included Transmitter Model	30.3256.02 (Max. 3 transmitters supported)
Transmission Frequency	433 MHz
Mounting Options	Table standing or wall hanging
Power Supply (Batteries)	Base Station: 2 x 1.5V AAA (not included) Outdoor Sensor: 2 x 1.5V AAA (not included)
Dimensions (L x W x H)	94 x 20 (58) x 105 (101) mm
Weight	109 g

## 10. WARRANTY AND SUPPORT

TFA Dostmann products are manufactured with quality and precision. For warranty information and technical support, please refer to the official TFA Dostmann website or contact your local distributor. Keep your purchase receipt as proof of purchase.






Spare parts availability: 1 Year.


Manufacturer: TFA Dostmann

Country of Origin: China

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### Related Documents - 35.1168.02

	<p><a href="#">TFA HORIZON Wireless Weather Station 35.1155 Instruction Manual</a></p> <p>Comprehensive instruction manual for the TFA HORIZON Wireless Weather Station (Model 35.1155), covering setup, operation, features, troubleshooting, and specifications in multiple languages.</p>
	<p><a href="#">TFA SUN Wireless Weather Station 35.1133.01 User Manual</a></p> <p>This user manual provides comprehensive instructions for operating the TFA SUN wireless weather station (model 35.1133.01). It covers setup, features like indoor/outdoor temperature and humidity, weather forecasting, alarm functions, DCF time synchronization, and technical specifications.</p>
	<p><a href="#">TFA Temperature Transmitter 30.3250.02 User Manual</a></p> <p>Comprehensive user manual for the TFA 30.3250.02 wireless temperature transmitter. Includes setup, installation, operation, safety guidelines, technical specifications, and disposal information.</p>
	<p><a href="#">TFA VIEW SHOW WLAN Projektionswecker: Bedienungsanleitung &amp; Funktionen</a></p> <p>Entdecken Sie den TFA VIEW SHOW Projektionswecker mit WLAN. Diese Anleitung bietet detaillierte Informationen zur Einrichtung, Nutzung der Wettervorhersage, der TFA VIEW App und aller Funktionen.</p>
	<p><a href="#">TFA VIEW SHOW Projection Alarm Clock with Wi-Fi - User Manual and Setup Guide</a></p> <p>User manual and quick setup guide for the TFA VIEW SHOW Projection Alarm Clock with Wi-Fi. Learn about setup, app integration, features, specifications, and safety instructions.</p>

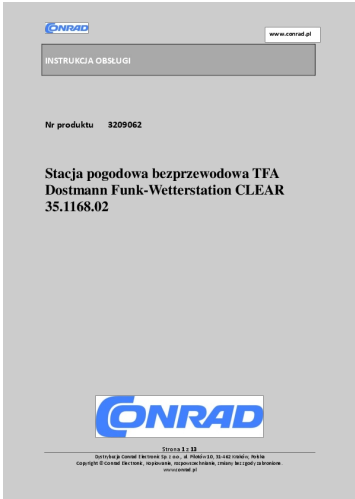
	<p><a href="#">TFA 60.4525 Radio-Controlled Clock with Indoor Climate - User Manual</a></p> <p>User manual for the TFA 60.4525 radio-controlled clock, providing instructions on setup, operation, features, troubleshooting, and technical specifications. Displays time, indoor temperature, and humidity.</p>
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Documents - TFA – 35.1168.02

[pdf] User Manual Instructions



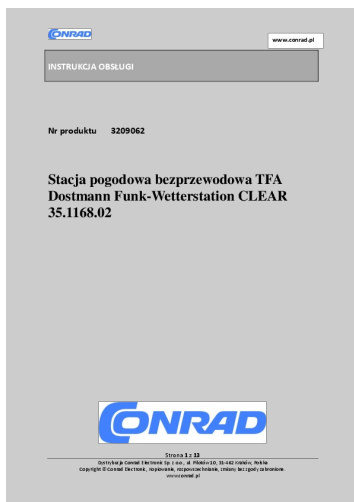
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[pdf] User Manual

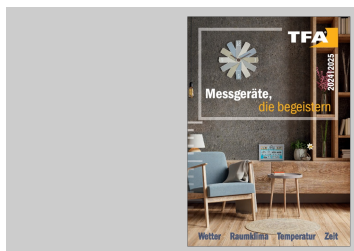
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