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### TFA 35.1152.01

# TFA Dostmann SKY Radio Weather Station 35.1152.01 User Manual

Model: 35.1152.01

## INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your TFA Dostmann SKY Radio Weather Station 35.1152.01. This device offers accurate indoor and outdoor temperature and humidity measurements, a weather forecast display, and a radio-controlled clock with an alarm function. Please read these instructions carefully before using the device to ensure proper function and longevity.

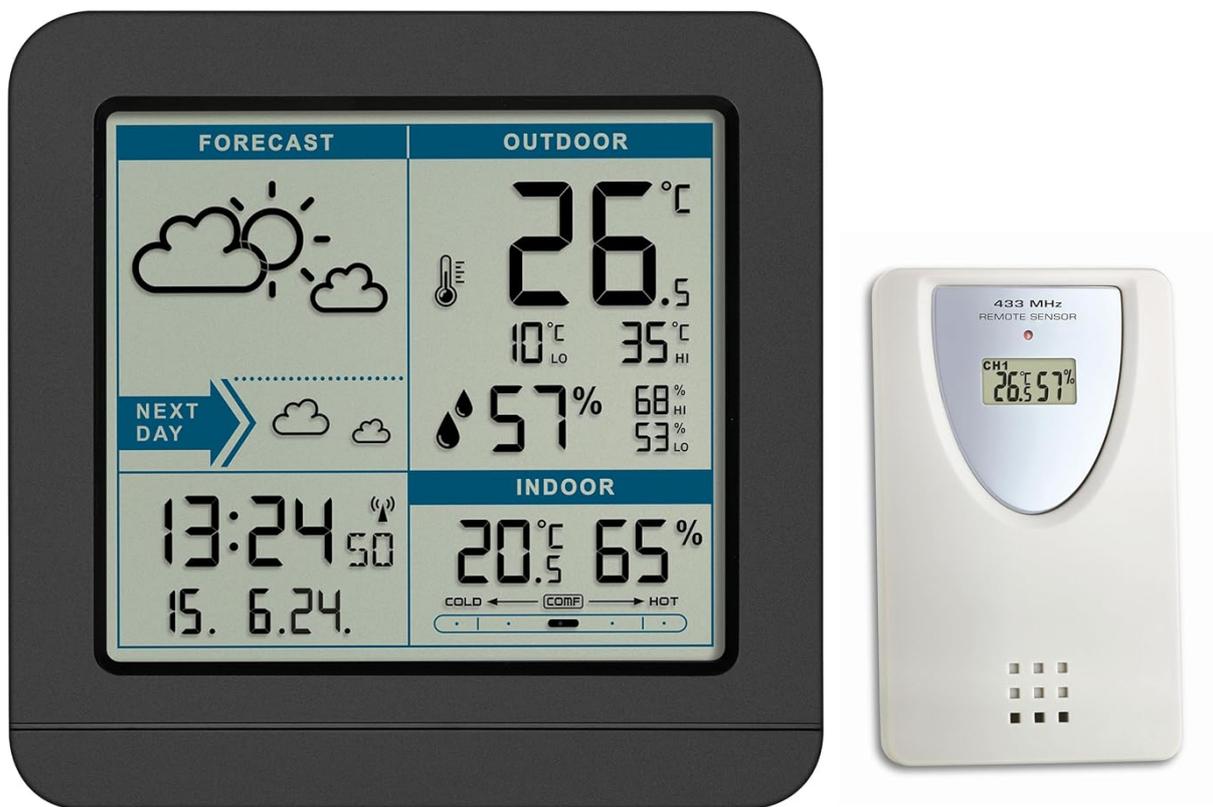


Image: Front view of the TFA Dostmann SKY Radio Weather Station 35.1152.01, displaying forecast, outdoor temperature and humidity, indoor temperature and humidity, and time/date.

## PACKAGE CONTENTS

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Please check that all components are present and undamaged after unpacking:

- 1x Base Station (Display Unit)
- 1x Thermo-Hygro Transmitter (Outdoor Sensor)
- 1x Instruction Manual

**Note:** Batteries are not included. You will need 3x AAA batteries for the base station and 2x AAA batteries for the outdoor sensor.

## SETUP

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### 1. Insert Batteries:

- Open the battery compartment on the back of the **outdoor sensor**. Insert 2x AAA batteries, observing the

correct polarity (+/-). Close the compartment.

- Open the battery compartment on the back of the **base station**. Insert 3x AAA batteries, observing the correct polarity (+/-). Close the compartment.

*The device will power on and begin searching for the outdoor sensor signal and the radio time signal.*



*Image: Rear view of the base station, showing the battery compartment and various control buttons.*

2. **Sensor Synchronization:** The base station will automatically attempt to connect with the outdoor sensor. This may take a few minutes. Once connected, the outdoor temperature and humidity will appear on the display. If the connection is not established, press the **SEARCH** button on the base station to initiate a manual search.



*Image: The remote outdoor sensor, displaying its own temperature and humidity readings and indicating 433 MHz transmission.*

3. **Radio Clock Synchronization:** The base station will automatically attempt to receive the DCF radio time signal. This process can take several hours, especially during initial setup. Ensure the station is placed away from sources of

interference (e.g., TVs, computers).

#### 4. Placement of Outdoor Sensor:

- Place the outdoor sensor in a shaded, dry location, protected from direct sunlight and precipitation, to ensure accurate readings.
- The maximum transmission range between the sensor and base station is approximately 60 meters (197 feet) in open areas. Walls and other obstacles will reduce this range.

## OPERATING INSTRUCTIONS

### Display Overview

The display is divided into several sections, providing comprehensive weather and time information:

- **FORECAST:** Displays weather symbols for current and next day's forecast.
- **OUTDOOR:** Shows current outdoor temperature and humidity, along with daily high (HI) and low (LO) records.
- **INDOOR:** Displays current indoor temperature and humidity, and a comfort zone indicator.
- **TIME/DATE:** Radio-controlled time, date, and day of the week.

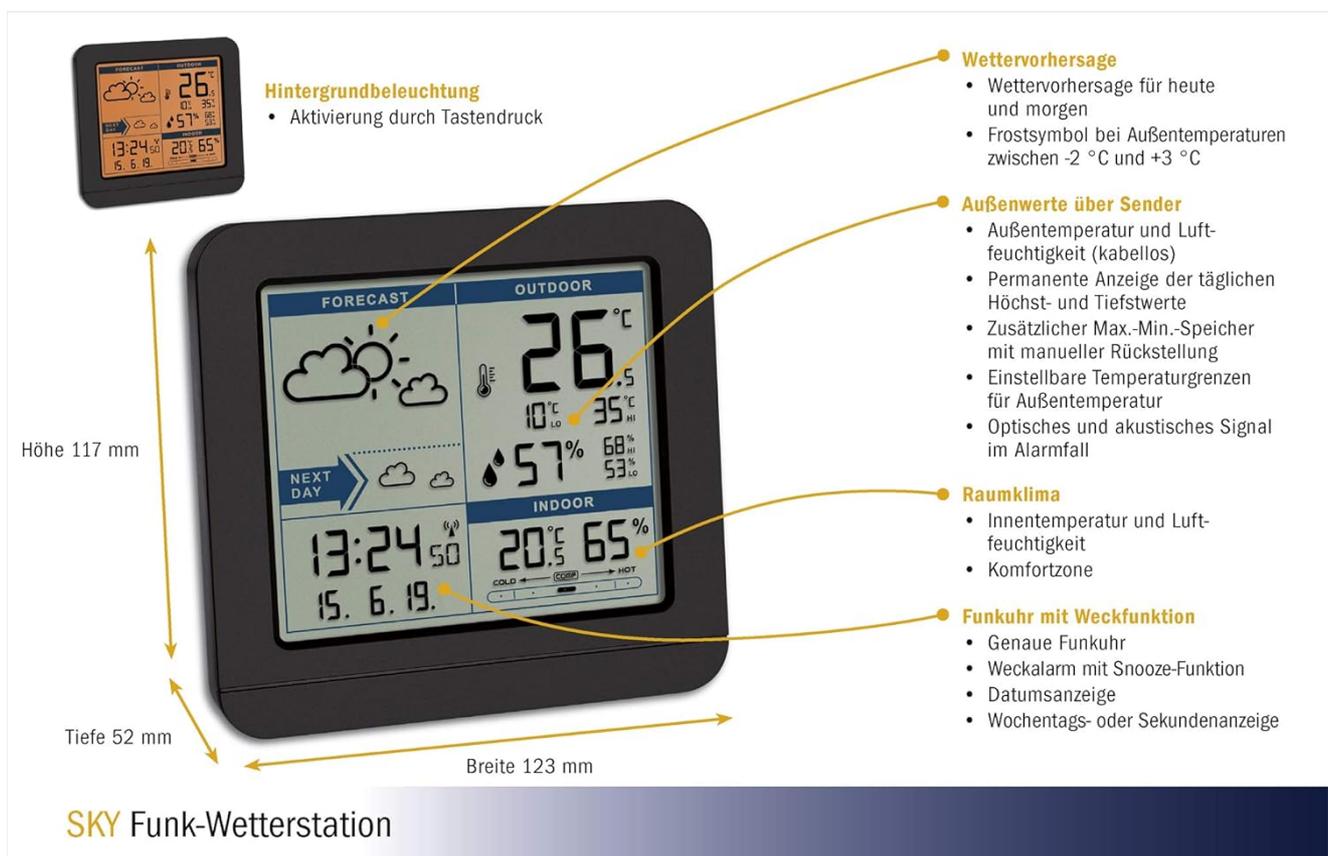


Image: A detailed diagram highlighting various display sections and their functions, including dimensions of the base station.

### Buttons and Functions

Button	Function
MODE / SET	Press to cycle through display modes or hold to enter setting mode.
ALARM ON/OFF	Activates or deactivates the alarm.
°C / °F	Toggles temperature display between Celsius and Fahrenheit.

Button	Function
WAVE	Manually initiates radio time signal reception.
SEARCH	Manually initiates outdoor sensor signal reception.
WEATHER	Adjusts weather forecast settings (if applicable).
ALERT	Sets temperature alerts.
MEMORY	Displays maximum and minimum recorded values. Press again to clear.
SNOOZE / LIGHT	Activates snooze function during alarm or temporarily illuminates the backlight.

## Weather Forecast

The weather station predicts weather trends for the next 12-24 hours based on changes in atmospheric pressure. The forecast is represented by symbols (e.g., sun, clouds, rain). The accuracy is approximately 70% after a learning phase of several days.

A frost symbol may appear when outdoor temperatures are between -2°C and +3°C, indicating potential for icy conditions.

## Max/Min Values

The station automatically records the highest and lowest indoor/outdoor temperatures and humidity values daily. These values are reset automatically every 24 hours. You can also manually reset them using the **MEMORY** button.

## Comfort Zone Indicator

The indoor section of the display includes a comfort zone indicator, which provides a visual representation of the indoor climate based on temperature and humidity levels.

## MAINTENANCE

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- **Cleaning:** Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the base station and outdoor sensor when the low battery indicator appears on the display. Always replace all batteries at the same time.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
No outdoor temperature/humidity reading (- -- displayed)	<ul style="list-style-type: none"> <li>◦ Outdoor sensor out of range.</li> <li>◦ Batteries in outdoor sensor are low or depleted.</li> <li>◦ Interference from other electronic devices.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Move sensor closer to the base station.</li> <li>◦ Replace batteries in the outdoor sensor.</li> <li>◦ Relocate the base station or sensor away from potential interference sources.</li> <li>◦ Press the <b>SEARCH</b> button on the base station to re-establish connection.</li> </ul>

Problem	Possible Cause	Solution
Incorrect time or time not setting automatically	<ul style="list-style-type: none"> <li>◦ Weak or no radio time signal reception.</li> <li>◦ Interference.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Place the base station near a window or in an area with better signal reception.</li> <li>◦ Avoid placing near electronic devices that emit radio frequency interference.</li> <li>◦ Manually initiate signal reception by pressing the <b>WAVE</b> button.</li> </ul>
Inaccurate weather forecast	<ul style="list-style-type: none"> <li>◦ Weather station is still in its learning phase (typically 7-14 days).</li> <li>◦ Frequent resetting of the device.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Allow the device sufficient time to learn local atmospheric pressure patterns.</li> <li>◦ Avoid unnecessary resets, as this will restart the learning process.</li> </ul>
Display is dim or blank	<ul style="list-style-type: none"> <li>◦ Low or depleted batteries in the base station.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Replace all batteries in the base station.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Model Number	35.1152.01
Dimensions (Base Station)	12.3 x 5.2 x 11.7 cm (L x W x H)
Weight (Base Station)	217 Grams
Power Source (Base Station)	3x AAA batteries (not included)
Power Source (Outdoor Sensor)	2x AAA batteries (not included)
Outdoor Temperature Range	-20 °C to +50 °C (-4 °F to +122 °F)
Indoor Temperature Range	-10 °C to +50 °C (+14 °F to +122 °F)
Humidity Range	20% - 99% RH
Temperature Accuracy	±1 °C
Transmission Frequency	433 MHz
Maximum Transmission Range	60 meters (open area)
Material	Plastic (Kunststoff)
Display Type	Digital
Special Features	Alarm, Weather Forecast, Radio Clock, Max/Min Memory, Comfort Zone

## WARRANTY AND SUPPORT

TFA Dostmann products are manufactured to high-quality standards. While specific warranty details are not provided in this manual, spare parts availability is indicated for 1 year from the date of purchase within the EU.

For technical support, warranty claims, or further assistance, please contact your retailer or the manufacturer directly.

Manufacturer information can often be found on the product packaging or their official website.

**Manufacturer:** TFA Dostmann

**Website:** [www.tfa-dostmann.de](http://www.tfa-dostmann.de)