

TFA 35.1150.01

TFA Dostmann 35.1150.01 Wireless Weather Station Instruction Manual

1. INTRODUCTION

Welcome to your new TFA Dostmann 35.1150.01 Wireless Weather Station. This manual provides detailed instructions for the proper setup, operation, and maintenance of your device to ensure optimal performance and longevity. Please read this manual thoroughly before using the weather station.



Figure 1: The main display unit of the TFA Dostmann 35.1150.01 Wireless Weather Station, showing outdoor and indoor temperature/humidity, weather forecast, moon phase, relative pressure history, and time/date.

2. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- TFA Dostmann 35.1150.01 Main Display Unit
- Wireless Outdoor Temperature/Humidity Sensor
- Instruction Manual

3. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the device or personal injury:

- Do not expose the main unit to extreme temperatures, direct sunlight, or moisture.
- The outdoor sensor is weather-resistant but should be placed in a sheltered location to prolong its lifespan.
- Use only the specified battery type (AA) and ensure correct polarity during installation.

- Do not mix old and new batteries, or different types of batteries.
- Remove depleted batteries promptly to prevent leakage.
- Keep batteries out of reach of children.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.

4. SETUP

4.1 Battery Installation

1. **Main Display Unit:** Open the battery compartment cover on the back of the main unit. Insert 3 new AA batteries, observing the correct polarity (+/-). Close the cover.
2. **Wireless Outdoor Sensor:** Open the battery compartment cover on the back of the outdoor sensor. Insert 2 new AA batteries, observing the correct polarity (+/-). Close the cover.

4.2 Sensor Placement

For accurate readings and optimal wireless transmission:

- Place the outdoor sensor in a location that is sheltered from direct sunlight and rain.
- Ensure the sensor is mounted vertically and away from heat sources (e.g., vents, windows) or cold sources (e.g., air conditioning units).
- The maximum transmission range between the main unit and the sensor is approximately 100 meters (330 feet) in open areas. Walls, metal structures, and electronic devices can reduce this range.



Figure 2: The wireless outdoor temperature and humidity sensor, designed for remote placement.

4.3 Initial Synchronization

After inserting batteries into both units, the main display unit will automatically search for the outdoor sensor. This process may take a few minutes. Once connected, the outdoor temperature and humidity readings will appear on the main display.

- If the outdoor readings do not appear, press the 'SEARCH' or 'CHANNEL' button on the main unit (if available) to initiate a manual search.
- Ensure both units are within range and free from interference.

5. OPERATING THE WEATHER STATION

5.1 Display Overview

The main display unit provides a comprehensive overview of weather data:

- **Outdoor Section:** Displays current outdoor temperature and humidity, along with signal strength for the wireless sensor.
- **Indoor Section:** Shows current indoor temperature and humidity.

- **Forecast:** Weather forecast icons (e.g., sunny, cloudy, rainy) based on atmospheric pressure changes.
- **Moon Phase:** Indicates the current phase of the moon.
- **Relative Pressure History:** A bar graph showing atmospheric pressure trends over the last 12 or 24 hours.
- **Time and Date:** Displays the current time, day of the week, and date.

5.2 Button Functions (General)

While specific button labels may vary, common functions include:

- **MODE/SET:** Used to cycle through display modes or enter setting mode.
- **UP/DOWN (or +/-):** Used to adjust values during setting mode or view historical data.
- **CHANNEL:** If multiple outdoor sensors are supported, this button cycles through sensor channels.
- **ALERT:** To set temperature or humidity alerts.

5.3 Setting Time and Date

Refer to the specific instructions in your manual for detailed steps on setting the time, date, and alarm functions. Typically, this involves pressing and holding the 'SET' or 'MODE' button to enter setting mode, then using 'UP'/'DOWN' buttons to adjust values and 'SET'/'MODE' to confirm and move to the next setting.

5.4 Unit Selection (°C/°F)

Most weather stations allow you to switch between Celsius (°C) and Fahrenheit (°F) for temperature readings. Look for a dedicated button or a setting option within the 'SET' menu.

6. MAINTENANCE

- **Cleaning:** Wipe the display unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both units when the low battery indicator appears on the display. Always replace all batteries in a unit at the same time.
- **Sensor Care:** Periodically check the outdoor sensor for debris or insect nests that might obstruct its ventilation openings.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No outdoor temperature/humidity reading	Sensor out of range, low sensor batteries, interference.	Relocate sensor closer to the main unit. Replace sensor batteries. Check for sources of interference. Press 'SEARCH' or 'CHANNEL' button on main unit.
Incorrect temperature/humidity readings	Sensor exposed to direct sunlight/heat source, main unit near heat source.	Relocate sensor to a shaded, well-ventilated area. Move main unit away from heat/cold sources.
Display is blank or dim	Low main unit batteries.	Replace main unit batteries.

Problem	Possible Cause	Solution
Weather forecast seems inaccurate	Weather forecast is based on atmospheric pressure changes and is an estimation.	Allow 24-48 hours for the station to calibrate to local pressure. Forecasts are not always 100% accurate and should be used as a general guide.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	35.1150.01
Brand	TFA Dostmann
Product Dimensions (Main Unit)	17.5 x 8.4 x 16.5 cm
Weight (Main Unit)	333 g
Power Source (Main Unit)	3 x AA batteries (not included)
Power Source (Outdoor Sensor)	2 x AA batteries (not included)
Wireless Range	Up to 100 meters (open area)
Country of Origin	Germany
Special Feature	Lightweight design



Figure 3: The main display unit with indicated dimensions: 17.5 cm width, 16.5 cm height, and 3.2 cm depth.

9. WARRANTY AND SUPPORT

TFA Dostmann products are manufactured with quality and precision. For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official TFA Dostmann website. For technical support or service inquiries, please contact your retailer or the TFA Dostmann customer service department.

Please retain your proof of purchase for any warranty claims.