

TFA Dostmann 35.1156.01

TFA Dostmann METEOTIME PRIMO 35.1156.01 Weather Station User Manual

Model: 35.1156.01

1. INTRODUCTION

The TFA Dostmann METEOTIME PRIMO weather information center provides professional multi-day weather forecasts for Europe via the DCF time signal. It covers over 600 European cities across 90 weather regions, with updates several times daily. The display shows forecasts for today and the next three days, distinguishing between day and night predictions, along with maximum and minimum temperatures. Additional weather data includes rain probability, wind strength, and wind direction. The station also alerts users to critical weather conditions like freezing humidity, snowfall, and fog, displayed as text in seven languages.

An included wireless outdoor sensor transmits external temperature and humidity. The main unit monitors indoor temperature and humidity, helping maintain a comfortable indoor climate. The device features a radio-controlled clock with date display and alarm functions, including separate settings for weekdays and weekends, and a frost alarm that can trigger an earlier wake-up. The display backlight can be activated with a button press. The system supports up to three thermo-hygro transmitters for monitoring climate in various rooms.

Note on weather data reception: The 90 weather regions include 60 regions with 4-day forecasts and 30 regions with 2-day forecasts.

2. PACKAGE CONTENTS

Please check that all items are included in your package:

- TFA Dostmann METEOTIME PRIMO Main Unit
- Wireless Outdoor Temperature/Humidity Sensor (Model: 30.3244.02)
- Instruction Manual

3. SAFETY INFORMATION

Please read this instruction manual carefully before using the device. Following the instructions will prevent damage to the

device and loss of your statutory rights due to incorrect operation. We shall not be liable for any damage occurring as a result of non-observance of these instructions.

- Keep this manual for future reference.
- Do not expose the device to extreme temperatures, vibrations, or shocks.
- Protect the device from moisture.
- Do not attempt to repair or modify the device yourself. Contact qualified personnel for service.
- Keep batteries out of reach of children. Dispose of used batteries according to local regulations.

4. PRODUCT OVERVIEW



Figure 1: The TFA Dostmann METEOTIME PRIMO Weather Station main unit (left) and its wireless outdoor sensor (right).



Figure 2: Front view of the main unit, showcasing the large, clear display with weather information, time, and date.



Figure 3: The wireless outdoor sensor, which transmits temperature and humidity data to the main unit.



Figure 4: Rear view of the main unit, indicating the battery compartment and integrated stand for tabletop placement.

Main Unit Features:

- Large LCD display for clear readability.
- Radio-controlled time and date (DCF77).
- Professional weather forecasts for 90 European regions.
- Indoor temperature and humidity display.
- Alarm function with weekday/weekend settings and frost alarm.
- Display backlight.

Outdoor Sensor Features:

- Wireless transmission of outdoor temperature and humidity.
- Long-range transmission (up to 60 meters in open areas).
- Supports up to 3 sensors (one included).

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 the correct polarity (+/-). Close the compartment securely.
2. **Main Unit:** Open the battery compartment on the back of the main unit (refer to Figure 4). Insert 2 x 1.5V AAA batteries, observing the correct polarity (+/-). Close the compartment securely.

Note: Batteries are not included and must be purchased separately.

5.2 Sensor Placement

For accurate readings and optimal wireless transmission:

- **Outdoor Sensor:** Place the outdoor sensor in a shaded, dry location, protected from direct sunlight and precipitation. Ensure it is within the 60-meter transmission range of the main unit. Avoid placing it near large metal objects or electrical appliances that could interfere with the signal.
- **Main Unit:** Position the main unit indoors, away from direct heat sources, air conditioning vents, and direct sunlight. It can be placed on a tabletop using its integrated stand or mounted on a wall.

5.3 Initial Setup and DCF Signal Reception

After battery installation, the main unit will automatically attempt to receive the DCF77 radio time signal and the METEOTIME weather forecast data. This process may take several minutes or up to 24 hours, depending on your location and atmospheric conditions.

- **DCF Time Signal:** The radio-controlled clock will automatically set the correct time and date. A successful reception is indicated by a signal icon on the display.
- **METEOTIME Forecast:** The weather station will begin receiving professional weather forecasts for your selected region. The forecast data is updated several times daily.

Important Reception Advice:

- Maintain a distance of at least 1.5 to 2 meters from potential interfering devices such as computers, monitors, and televisions.
- In reinforced concrete buildings (e.g., basements, multi-story structures), the reception signal may be weaker. In such cases, place the device near a window or adjust its orientation to improve radio signal reception.
- Atmospheric disturbances are generally lower at night, often improving reception. A single successful reception per day is sufficient to maintain time accuracy.

6. OPERATING INSTRUCTIONS

6.1 Display Overview

The main unit's display is divided into several sections, providing comprehensive weather and time information:

- **Time and Date:** Displays the current radio-controlled time and date.
- **Indoor Temperature and Humidity:** Shows current readings from the main unit's internal sensors.
- **Outdoor Temperature and Humidity:** Displays current readings from the wireless outdoor sensor.
- **Weather Forecast:** Icons and text indicate the forecast for today and the next three days, distinguishing between day and night. Includes predicted maximum and minimum temperatures.
- **Additional Weather Data:** Provides information on rain probability, wind strength, and wind direction.

- **Critical Weather Alerts:** Text messages in seven languages for conditions like freezing humidity, snowfall, or fog.

6.2 Weather Forecast Features

The METEOTIME PRIMO receives professional weather forecasts:

- **Region Selection:** You can select your desired weather region from the available 90 European regions. Refer to the full manual for detailed instructions on region selection.
- **Multi-Day Forecast:** View forecasts for today and the next 2-4 days, depending on the selected region.
- **Day/Night Distinction:** Forecasts are separated for daytime and nighttime conditions.
- **Temperature Extremes:** Predicted maximum and minimum temperatures are displayed.

6.3 Alarm Clock Functions

The device includes a radio-controlled alarm clock with several features:

- **Multiple Alarms:** Set different alarm times for weekdays and weekends.
- **Frost Alarm:** An optional frost alarm can be set to trigger an earlier wake-up if the outdoor temperature drops to a critical level, allowing extra time for frost-related tasks (e.g., de-icing a car).
- **Snooze Function:** Temporarily silence the alarm for a short period.

6.4 Settings Adjustment

The main unit features control buttons (CH, +, -, SET) for adjusting various settings, including:

- Manual time setting (if DCF signal is unavailable).
- Alarm time configuration.
- Temperature unit selection (°C/°F).
- Weather region selection.
- Display backlight activation (momentary).

Refer to the detailed instructions in the full manual for specific steps on adjusting each setting.

7. MAINTENANCE

To ensure the longevity and accurate operation of your weather station:

- Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the display to direct sunlight for extended periods, as this may affect readability.
- Replace batteries promptly when the low battery indicator appears on the display.
- If storing the device for an extended period, remove all batteries to prevent leakage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No DCF time signal reception.	Interference from electronic devices; weak signal due to location (e.g., concrete building); atmospheric conditions.	Move the main unit away from electronic devices (1.5-2m). Place it near a window. Try repositioning the unit or rotating it. Reception is often better at night. Allow up to 24 hours for initial reception.

Problem	Possible Cause	Solution
Outdoor sensor not transmitting data.	Batteries in sensor are low or depleted; sensor out of range; interference.	Replace sensor batteries. Ensure sensor is within 60m of the main unit and free from obstructions. Re-establish connection between sensor and main unit (refer to full manual for pairing instructions).
Inaccurate weather forecast.	Incorrect region selected; temporary signal loss for METEOTIME data.	Verify the selected weather region. Ensure the unit has stable DCF signal reception for forecast updates. Note that forecasts are regional and may not always perfectly match hyper-local conditions.
Display is dim or unreadable.	Low batteries in main unit; poor viewing angle; direct sunlight.	Replace main unit batteries. Adjust viewing angle. Avoid placing the unit in direct sunlight.

9. SPECIFICATIONS

- **Model Number:** 35.1156.01
- **Material:** Plastic
- **Main Unit Dimensions (L x W x H):** 185 x 20 (57) x 120 (116) mm
- **Weight:** 244 g
- **Indoor Temperature Measurement Range:** 0°C to +50°C
- **Outdoor Temperature Measurement Range:** -40°C to +60°C
- **Humidity Measurement Range:** 20% to 95% RH
- **Max. Wireless Range:** 60 m (open area)
- **Transmission Frequency:** 433 MHz
- **Power Supply (Main Unit):** 2 x 1.5V AAA batteries (not included)
- **Power Supply (Outdoor Sensor):** 2 x 1.5V AAA batteries (not included)
- **Included Sensor Model:** 30.3244.02 (supports up to 3 sensors total)
- **Mounting Options:** Tabletop (with stand) or Wall-mountable

10. WARRANTY AND SUPPORT

This product comes with a 1-year availability for spare parts. For warranty claims, technical support, or further assistance, please contact your retailer or the manufacturer, TFA Dostmann, directly. Contact information can typically be found on the manufacturer's official website or on the product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question