

## TFA 47.3006.01

# TFA Dostmann Splash 47.3006.01 Digital Wireless Rain Gauge User Manual

Model: 47.3006.01

## 1. INTRODUCTION

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The TFA Dostmann Splash 47.3006.01 is a digital wireless rain gauge designed to accurately measure rainfall and outdoor temperature. This device allows you to monitor weather conditions from the comfort of your home, providing essential data for gardening, agriculture, or general interest in local weather patterns. The system consists of a base station for indoor display and a wireless rain and temperature transmitter for outdoor placement.

## 2. SAFETY INFORMATION

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- Read this manual thoroughly before operating the device.
- Keep the device away from extreme temperatures, direct sunlight, and moisture.
- Do not disassemble or attempt to repair the device yourself. Contact qualified personnel for service.
- Use only the specified battery types. Ensure correct polarity when inserting batteries.
- Dispose of used batteries according to local regulations.

## 3. PACKAGE CONTENTS

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Verify that all components are present in the package:

- Base Station (Display Unit)
- Rain and Temperature Transmitter (Outdoor Unit)
- Operating Instructions Manual

*Note: 4 x 1.5 V AA batteries are required and are not included in the box contents.*

## 4. SETUP

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### 4.1. Base Station Setup

1. Open the battery compartment on the back of the base station.
2. Insert the required batteries (e.g., 2 x AA) according to the polarity markings.
3. Close the battery compartment. The display will power on and begin searching for the outdoor transmitter signal.

## 4.2. Rain and Temperature Transmitter Setup

1. Open the battery compartment on the outdoor transmitter.
2. Insert the required batteries (e.g., 2 x AA) according to the polarity markings.
3. Close the battery compartment. The transmitter will begin sending data.

## 4.3. Placement Considerations

For accurate rainfall measurement, place the rain collection container in an open area, free from obstructions like trees, buildings, or overhangs that could block rain or cause runoff. The outdoor transmitter should be within a maximum wireless range of 60 meters from the base station. Ensure the base station is placed indoors in a location where the display is easily visible.



Image: The rain collection container, designed for outdoor placement to accurately measure rainfall.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Display Overview

The base station display provides various information at a glance:

- **Time and Date:** Synchronized via radio control.

- **Indoor Temperature:** Measured by the base station.
- **Outdoor Temperature:** Received wirelessly from the outdoor transmitter.
- **Rainfall Data:** Current, historical, and graphical representation of rain volume.
- **Rain Alarm Indicator:** Alerts when a set rainfall threshold is met.



Image: Close-up view of the base station display, showing time, date, indoor/outdoor temperatures, and rainfall data.

## 5.2. Rainfall Measurement

The rain gauge measures rainfall in millimeters (mm) or inches. The display shows:

- Current rainfall
- Rainfall for the last hour
- Rainfall for the last 24 hours
- Total rainfall for the current day
- Rainfall for the last 7 days
- Rainfall for the current month
- Rainfall for the current year
- Total accumulated rainfall

A graphical representation of the rain volume is also provided for easy visualization of rainfall trends.

## 5.3. Temperature Measurement

The base station displays both indoor and outdoor temperatures. The indoor temperature range is 0°C to +50°C (32°F to +122°F). The outdoor temperature, transmitted wirelessly, ranges from -40°C to +70°C (-40°F to +158°F). Trend indicators show whether temperatures are rising, falling, or stable. The device also features a maximum/minimum temperature function.

## 5.4. Rain Alarm Function

You can set a 24-hour rain alarm to be notified when a specified amount of rainfall occurs. Refer to the detailed instructions in the full manual for setting the alarm threshold.

## 5.5. History Function

The device stores rainfall data, offering a history function for the last 12 months. This allows you to review past rainfall patterns and compare data over time.

## 5.6. Radio-Controlled Clock

The integrated radio-controlled clock automatically sets the time and date, including day of the week (available in 7 languages). It also features an alarm with two adjustable alarm times, customizable alarm rhythms (daily, working day, weekend), adjustable snooze duration, and time zone correction.

# 6. MAINTENANCE

## 6.1. Cleaning

Wipe the base station and outdoor transmitter with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the rain collection container is free of debris (leaves, dirt) to maintain accurate measurements. The rain gauge features a self-draining design.

## 6.2. Battery Replacement

Replace batteries in both the base station and the outdoor transmitter when the low battery indicator appears on the display. Always replace all batteries in a unit at the same time with new ones of the same type.

# 7. TROUBLESHOOTING

- **No Display/Power:** Check battery installation and ensure batteries are fresh.
- **No Outdoor Data:** Ensure the outdoor transmitter is within range (max. 60m) and has fresh batteries. Reduce obstacles between the units. Re-establish connection by restarting both units.
- **Inaccurate Rainfall Readings:** Verify the rain collection container is clean and free of obstructions. Ensure it is placed in an open area.
- **Incorrect Time:** Ensure the radio-controlled clock signal reception is clear. Avoid placing the base station near electronic devices that may cause interference.

# 8. SPECIFICATIONS

Feature	Specification
Model Number	47.3006.01
Rain Quantity Measuring Range	0 - 9999 mm (0 - 393.6 inches)
Indoor Temperature Measurement	0°C to +50°C (32°F to +122°F)
Outdoor Temperature Measurement	-40°C to +70°C (-40°F to +158°F)
Material	Plastic

Clock Type	Radio Clock
Transmission Frequency	433 MHz
Mounting	For standing
Dimensions (L x W x H)	150 x 44 x 96 mm
Weight	173 g
Batteries Required	4 x 1.5 V AA (not included)

## 9. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.