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› [Technoline WS9016 Rain Gauge with Indoor/Outdoor Temperature Monitor User Manual](#)

Technoline WS9016

Technoline WS9016 Rain Gauge with Indoor/Outdoor Temperature Monitor

Model: WS9016 | Brand: Technoline

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Technoline WS9016 Rain Gauge with Indoor/Outdoor Temperature Monitor. This device offers precise rainfall measurement, indoor and outdoor temperature readings, and a radio-controlled clock for accurate timekeeping.

Key features include:

- DCF-77 radio-controlled clock with manual setting option.
- Date and day of the week display.
- Indoor and outdoor temperature indication with trend.
- Rainfall data with historical records (7 different periods).
- Two alarm settings.
- Low battery indicator.

2. SETUP AND INSTALLATION

2.1. Unboxing and Component Check

Ensure all components are present:

- Main display unit
- Outdoor rain sensor (TX9016)
- Mounting accessories (if included)

2.2. Battery Installation

The main station requires 2 AA Mignon LR06 batteries, and the TX9016 transmitter requires 2 AA Mignon LR06 batteries (not included). Please ensure correct polarity when inserting batteries.

Video: General guide for battery installation in a rain gauge. This video demonstrates the process for a similar device and may not reflect the exact model.

2.3. Outdoor Sensor Placement

Place the TX9016 outdoor rain sensor in an open area, away from obstructions like trees or buildings, to ensure accurate rainfall collection. It should be mounted securely on a stable surface or pole. Ensure the sensor is level for precise measurements.



Image: Side view of the TX9016 outdoor rain sensor, showing its design for optimal rain collection.



Image: Front view of the Technoline WS9016 display unit, ready for indoor placement.

Video: General weather station installation guide. This video provides a general overview of installing an outdoor sensor for a weather station, which can be helpful for understanding placement principles.

3. OPERATING INSTRUCTIONS

3.1. Display Overview

The main display unit shows various information:

- **Time and Date:** Automatically set by the DCF-77 radio signal, with manual adjustment options.
- **Indoor Temperature:** Current temperature inside your home.
- **Outdoor Temperature:** Current temperature from the TX9016 sensor, including temperature trend.
- **Rainfall Data:** Displays current rainfall and historical records for 7 different periods.
- **Low Battery Indicator:** Alerts you when batteries need replacement.



Image: The main display unit of the Technoline WS9016, illustrating temperature, rainfall, and time information.

3.2. Setting Time and Date

The device automatically synchronizes with the DCF-77 radio signal. In case of reception issues or for specific time zone adjustments, manual setting is possible. Refer to the device's buttons (usually labeled 'SET', 'MODE', etc.) for navigation and adjustment.

3.3. Viewing Rainfall History

Use the designated buttons on the display unit to cycle through the 7 different historical rainfall periods. This allows you to track precipitation over various durations.

4. MAINTENANCE

4.1. Battery Replacement

When the low battery indicator appears on the display, replace the batteries in both the main unit and the TX9016 outdoor sensor. Use 2 AA Mignon LR06 batteries for each unit. Ensure the battery compartment is sealed properly after replacement to maintain weather resistance for the outdoor sensor.

4.2. Cleaning the Rain Sensor

Periodically check the outdoor rain sensor for debris (leaves, insects, etc.) that might obstruct the rain collection mechanism. Gently clean the funnel and tipping bucket mechanism with a soft, damp cloth. Avoid using abrasive cleaners or harsh chemicals.

5. TROUBLESHOOTING

5.1. No Outdoor Temperature/Rainfall Data

- Check batteries in the TX9016 sensor and replace if necessary.
- Ensure the sensor is within range of the main unit (typically up to 100 meters in open air).
- Minimize obstructions between the sensor and the main unit.
- Perform a manual search for the outdoor sensor on the main unit (refer to specific button labels like 'SCAN' or 'CHANNEL' on the back of the unit).

5.2. Inaccurate Rainfall Readings

- Verify the outdoor sensor is mounted perfectly level. Use a spirit level if available.
- Check the rain collection funnel and tipping bucket for any blockages or debris.
- Ensure the tipping bucket mechanism moves freely.

5.3. Incorrect Time/Date

- Ensure the main unit is placed in an area with good reception for the DCF-77 radio signal. Avoid proximity to electronic devices that may cause interference.
- If automatic synchronization fails, manually set the time and date.

6. SPECIFICATIONS

Feature	Detail
Main Station Dimensions	14.4 x 3.8 x 9.6 cm
Main Station Power	2 x AA Mignon LR06 batteries (not included)
TX9016 Transmitter Dimensions	180 x 110 x 130 mm
TX9016 Transmitter Power	2 x AA Mignon LR06 batteries (not included)
Weight	560 g (total product)
Country of Origin	China

7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact Technoline customer service. If you experience any issues not covered in this manual, please reach out to our support team for assistance.

