

techno line WS 7208

Technoline WS 7208 Weather Station

Instruction Manual

1. INTRODUCTION

The Technoline WS 7208 is a versatile weather station designed to provide accurate local weather information. It features a clear display for weather forecasts, temperature trends, and a radio alarm clock. This device monitors both indoor and outdoor temperatures, including minimum and maximum values, and supports up to three external transmitters. The package includes one TX16 external transmitter.

Key features include:

- Weather forecast and trend display
- Radio alarm clock function
- Internal and external temperature display with min/max memory
- Support for up to 3 external transmitters (one TX16 included)
- Wall-mountable or table-top placement



Figure 1: The Technoline WS 7208 Weather Station main unit. This image shows the front display and overall design of the weather station.

2. PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact your retailer.

- Technoline WS 7208 Weather Station (Main Unit)
- TX16 External Transmitter
- Instruction Manual (this document)

3. SETUP

3.1. Battery Installation

Both the main weather station unit and the external transmitter require batteries for operation.

1. **Main Unit:** Open the battery compartment on the back of the main unit. Insert 2 x AA (LR06, stylus) 1.5 V batteries, ensuring correct polarity (+/-). Close the compartment.
2. **External Transmitter (TX16):** Open the battery compartment on the back of the transmitter. Insert 2 x AA (LR06, stylus) 1.5 V batteries, ensuring correct polarity (+/-). Close the compartment.

Important: Always replace all batteries at the same time. Do not mix old and new batteries, or different types of batteries.

3.2. Sensor Placement

Proper placement of the external transmitter is crucial for accurate outdoor temperature readings.

- Place the external transmitter in a shaded, dry location, protected from direct sunlight and rain.
- Ensure the transmitter is within the operational range of the main unit, which is up to 100 meters in an open field. Walls, metal structures, and electronic devices can reduce this range.
- The main unit can be placed on a table or mounted on a wall. Choose a location that allows for easy

viewing of the display.

4. OPERATING INSTRUCTIONS

4.1. Initial Synchronization

After battery installation, the main unit will automatically search for the external transmitter. This process may take a few minutes. Ensure both units are close to each other during initial setup.

- The indoor temperature is displayed immediately.
- Once synchronized, the outdoor temperature will appear on the display.
- The main unit receives data from the external transmitter approximately every 5 minutes.

4.2. Display Information

The display provides various pieces of information:

- **Indoor Temperature:** Measured by the main unit.
- **Outdoor Temperature:** Received from the external transmitter.
- **Min/Max Temperature:** The station automatically records the minimum and maximum indoor and outdoor temperatures. Consult the specific buttons on your device (e.g., "MIN/MAX" button) to view and reset these values.
- **Weather Forecast:** Indicated by graphical icons (e.g., sun, clouds, rain) and a trend arrow. This forecast is based on atmospheric pressure changes.
- **Radio Alarm Clock:** The time is automatically set via radio signal. Refer to the device's buttons for setting alarms and other time-related functions.

4.3. Temperature Measurement Details

The device offers precise temperature measurements:

- **Internal Temperature Range:** 0°C to 60°C
- **External Temperature Range:** -29.9°C to +69.9°C
- **Measurement Accuracy:** ±0.1°C
- **Room Temperature Test Interval:** Every 10 seconds

5. MAINTENANCE

- **Battery Replacement:** When the battery indicator appears on the display, replace the batteries in both the main unit and the external transmitter as described in Section 3.1.
- **Cleaning:** Clean the device and transmitter with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** If the device will not be used for an extended period, remove the batteries to prevent leakage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No outdoor temperature display (shows "--")	<ul style="list-style-type: none"> External transmitter out of range. Low batteries in external transmitter. Interference from other electronic devices. 	<ul style="list-style-type: none"> Move transmitter closer to the main unit. Replace batteries in the external transmitter. Relocate both units away from potential sources of interference. Perform a manual synchronization (refer to device buttons for specific instructions).
Inaccurate weather forecast	<ul style="list-style-type: none"> Weather forecasts are based on local atmospheric pressure changes and are not always 100% accurate. Initial setup period (device needs time to learn local pressure patterns). 	<ul style="list-style-type: none"> Allow the device more time to gather data. Understand that the forecast is a prediction based on local conditions, not a guarantee.
Display is dim or blank	Low batteries in the main unit.	Replace batteries in the main unit.

7. SPECIFICATIONS

Feature	Detail
Model	WS 7208
Main Unit Dimensions (L x W x H)	73 x 26 x 169 mm
External Transmitter Dimensions (L x W x H)	59 x 22 x 65 mm
Internal Temperature Range	0°C to 60°C
External Temperature Range	-29.9°C to +69.9°C
Temperature Measurement Error Margin	±0.1°C
Humidity Range	1% to 99% (Error Margin ±1%)
Room Temperature Test Interval	Every 10 seconds
External Transmitter Data Reception	Every 5 minutes
Transmission Range	Up to 100 m (open field)
Main Unit Power Supply	2 x AA (LR06, stylus) 1.5 V batteries
External Transmitter Power Supply	2 x AA (LR06, stylus) 1.5 V batteries
Placement Options	Wall-mounted or table-top

8. WARRANTY AND SUPPORT

This Technoline WS 7208 Weather Station comes with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact your retailer or the Technoline customer service department. Contact information can typically be found on the product packaging or the manufacturer's official website.