

Technoline WS6767

Technoline WS 6767 Wireless Weather Station User Manual

Model: WS6767

1. INTRODUCTION

Thank you for choosing the Technoline WS 6767 Wireless Weather Station. This device provides comprehensive weather information including indoor and outdoor temperature and humidity, barometric pressure, and a weather forecast. It also features a DCF-77 radio-controlled clock, date, weekday, moon phase, sunrise, and sunset times. This manual will guide you through the setup, operation, and maintenance of your new weather station.

2. SAFETY INFORMATION

- Read all instructions carefully before using the device.
- Keep this manual for future reference.
- Do not expose the main unit or sensor to extreme temperatures, direct sunlight, or moisture.
- Use only the specified battery types (AA for main unit, AAA for sensor) and ensure correct polarity.
- Do not mix old and new batteries, or different types of batteries.
- Dispose of used batteries according to local regulations.
- Do not attempt to repair or modify the device yourself. Contact qualified personnel for service.

3. PACKAGE CONTENTS

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

- 1x Technoline WS 6767 Main Unit
- 1x Wireless Outdoor Sensor (TX 960-TH)
- 1x User Manual (this document)

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

4. PRODUCT OVERVIEW

The Technoline WS 6767 weather station consists of a main display unit and a wireless outdoor sensor. The main unit features a clear LCD display showing various weather parameters and time information.

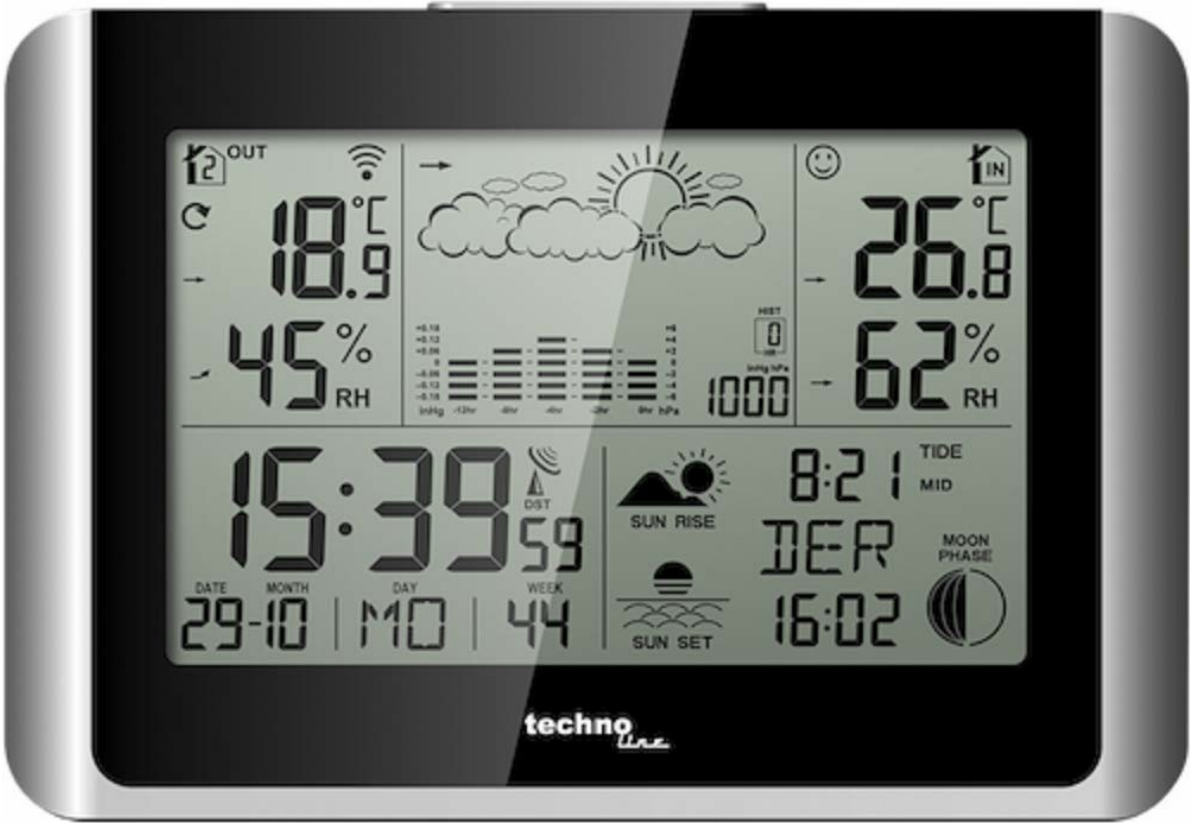


Image 4.1: Technoline WS 6767 Main Unit Display. This image shows the front display of the weather station, featuring indoor and outdoor temperature and humidity, time, date, weekday, moon phase, sunrise/sunset times, barometric pressure, and weather forecast icons.



Image 4.2: Technoline WS 6767 Main Unit. This image provides another view of the main unit, highlighting its sleek design and silver contrasting edge.





Image 4.3: Technoline WS 6767 Size Comparison. This image illustrates the compact size of the main unit, held in hands for scale, with a height of approximately 11.8 cm.

5. SETUP

5.1 Battery Installation

Before initial use, install batteries in both the main unit and the outdoor sensor.

1. **Main Unit:** Open the battery compartment on the back of the main unit. Insert 2 x AA LR06 batteries, observing the correct polarity (+/-). Close the compartment.
2. **Outdoor Sensor:** Open the battery compartment on the back of the outdoor sensor. Insert 2 x AAA LR03 batteries, observing the correct polarity (+/-). Close the compartment.

Note: It is recommended to insert batteries into the outdoor sensor first, then the main unit, to ensure proper synchronization.

5.2 Sensor Placement

- **Outdoor Sensor:** Place the outdoor sensor in a sheltered location, away from direct sunlight and rain, to

ensure accurate temperature and humidity readings. Ensure it is within the wireless range of the main unit (typically up to 30 meters in open air).

- **Main Unit:** Position the main unit indoors, away from direct heat sources (e.g., radiators, direct sunlight) or cold drafts, which could affect indoor readings. For optimal DCF-77 signal reception, place it near a window and away from electronic devices that may cause interference. The unit can be wall-mounted or placed on a table using its integrated stand.

5.3 Initial Setup and DCF-77 Signal Reception

After battery installation, the main unit will automatically begin searching for the DCF-77 radio signal to set the time and date. This process may take several minutes to a few hours, depending on your location and signal strength. A tower icon will flash on the display during signal search and become solid once the signal is received.

- If the signal is not received after 24 hours, try repositioning the main unit.
- You can manually set the time and date if the DCF-77 signal is consistently unavailable. Refer to Section 6.1 for manual settings.

6. OPERATING INSTRUCTIONS

6.1 Time and Date Settings

The time and date are usually set automatically via the DCF-77 signal. If manual adjustment is needed:

1. Press and hold the 'SET' button (or similar, refer to button labels on your unit) to enter time setting mode.
2. Use the '+' or '-' buttons to adjust the flashing value (e.g., hour, minute, year, month, day).
3. Press 'SET' again to confirm and move to the next setting.
4. Repeat until all settings are complete.
5. You can also switch between 12-hour and 24-hour format.

6.2 Temperature and Humidity Display

The main unit displays both indoor and outdoor temperature and humidity. You can switch between Celsius (°C) and Fahrenheit (°F) by pressing a dedicated button (often labeled '°C/°F' or similar).

6.3 Barometric Pressure

The weather station displays the current barometric pressure and often includes a trend indicator (e.g., rising, falling, stable) to help predict short-term weather changes.

6.4 Weather Forecast

Based on changes in barometric pressure, the station provides a weather forecast using intuitive icons (e.g., sunny, partly cloudy, cloudy, rainy). This is a prediction and may not always be 100% accurate.

6.5 Moon Phase, Sunrise/Sunset

The display includes information on the current moon phase and the sunrise/sunset times for selected cities. These values are typically updated automatically via the DCF-77 signal or can be manually configured if your location is not automatically detected.

6.6 Frost Alarm

The frost alarm feature can be activated to alert you when the outdoor temperature drops to a level where frost

is possible. Consult your unit's specific button layout for activating and deactivating this function.

6.7 MIN/MAX Records

The weather station records the minimum and maximum indoor and outdoor temperature and humidity values over a period. Press the 'MIN/MAX' button (or similar) to cycle through these records. Hold the button to reset the recorded values.

6.8 Connecting Additional Sensors

The Technoline WS 6767 can receive data from up to three wireless outdoor sensors (model TX 960-TH). To add additional sensors, ensure they are on different channels (1, 2, or 3) and follow the pairing instructions provided with the additional sensors. The main unit will automatically detect and display data from active sensors.

7. MAINTENANCE

7.1 Battery Replacement

When the low battery indicator appears on the display, replace the batteries in the respective unit (main unit or sensor) promptly. Follow the battery installation steps in Section 5.1.

7.2 Cleaning

Clean the main unit and outdoor sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the display or casing. Ensure the units are dry before re-inserting batteries or operating.

8. TROUBLESHOOTING

- **No outdoor temperature/humidity reading:**
 - Check if the outdoor sensor batteries are correctly installed and not depleted.
 - Ensure the outdoor sensor is within range of the main unit and not blocked by large metal objects or thick walls.
 - Verify that the sensor channel matches the main unit's selected channel (if applicable).
 - Try resetting both units by removing and re-inserting batteries.
- **Incorrect time display:**
 - Ensure the main unit is in a location with good DCF-77 signal reception.
 - Manually set the time if the DCF-77 signal cannot be received consistently.
- **Inaccurate temperature/humidity readings:**
 - Ensure the outdoor sensor is not in direct sunlight or exposed to rain.
 - Ensure the main unit is not near heat sources or air conditioning vents.
- **Display is blank or flickering:**
 - Replace the batteries in the affected unit.
 - Check for proper battery polarity.

9. SPECIFICATIONS

Feature	Specification
Model Number	WS6767
Main Unit Dimensions (W x H x D)	173 x 118 x 22 mm
Main Unit Power	2 x AA LR06 batteries (not included)
Outdoor Sensor Dimensions (W x H x D)	28 x 98 x 24 mm
Outdoor Sensor Power	2 x AAA LR03 batteries (not included)
Connectivity	Wireless
Display Type	LCD
Temperature Accuracy	±1 °C
Material	Metal (casing)
Mounting Options	Wall mount or table stand
Expandability	Supports up to 3 outdoor sensors (TX 960-TH)

10. WARRANTY INFORMATION

Warranty information for the Technoline WS 6767 Wireless Weather Station is not provided within the available product data. Please refer to the retailer or manufacturer's official website for details regarding warranty terms and conditions.

11. SUPPORT

Specific customer support contact information for the Technoline WS 6767 Wireless Weather Station is not provided within the available product data. For technical assistance or further inquiries, please visit the official Technoline website or contact your point of purchase.