

Technoline WT549

Technoline WT549 Projection Radio Alarm Clock User Manual

1. PRODUCT OVERVIEW

The Technoline WT549 is a versatile projection radio alarm clock designed to provide accurate time, temperature, and weather information. It features a radio-controlled clock, dual alarms with snooze function, indoor and outdoor temperature display, and a weather forecast with trend indicators. The unique projection feature allows you to display the time and outdoor temperature on a wall or ceiling, with an adjustable 180-degree projector. The display also offers 256 adjustable LED colors for personalization.

Key Features:

- Radio-controlled clock with 12/24 hour display, date, and day of the week.
- Indoor and outdoor temperature display in °C or °F.
- Weather forecast with trend indicators.
- 256 adjustable LED display colors.
- Projection of time and outdoor temperature with 180° rotatable projection.
- Dual alarms with snooze function.
- Supports up to 3 external temperature sensors (one included).

2. SETUP

2.1 Unpacking and Initial Inspection

- Carefully remove all components from the packaging.
- Verify that all parts are present: main unit (alarm clock), outdoor sensor, and power adapter.
- Inspect for any signs of damage. If damaged, do not use and contact customer support.

2.2 Powering On

The WT549 can be powered by batteries for temporary use or via the included AC adapter for continuous operation and projection.

- **Battery Installation (Backup):** Open the battery compartment on the main unit. Insert 3x AAA batteries (not included) according to the polarity markings. Batteries serve as a backup for settings during power outages.
- **AC Power (Recommended):** Connect the power adapter to the DC input port on the main unit and plug it into a standard electrical outlet. The display will illuminate, and the unit will begin initialization.

2.3 Outdoor Sensor Placement

For accurate outdoor temperature readings, place the wireless outdoor sensor in a sheltered location away from direct sunlight and rain. Ensure it is within range of the main unit (typically up to 30 meters in open air).

- Insert 2x AA batteries (not included) into the outdoor sensor, observing polarity.
- The main unit will automatically attempt to connect with the outdoor sensor. This may take a few minutes.
- If connection fails, press the 'CH' button on the main unit to search for the sensor, or reset both units.

3. OPERATING INSTRUCTIONS

3.1 Time and Date Setting (Radio Control)

The WT549 is a radio-controlled clock (DCF77). Upon initial power-up or after a reset, it will automatically attempt to synchronize with the DCF77 time signal. This process can take several minutes to an hour, depending on signal strength.

- Ensure the unit is placed in an area with good reception, away from electronic interference.
- Once synchronized, the time, date, and day of the week will be automatically set and adjusted for daylight saving time.
- Manual time setting is available if radio reception is consistently poor. Refer to the full manual for specific button sequences.

3.2 Alarm Function

The device features two independent alarms (AL1 and AL2).

- **Setting Alarms:** Press the 'ALARM' button to cycle through AL1, AL2, and alarm off. While an alarm is displayed, press and hold 'ALARM' to enter setting mode. Use the '+' and '-' buttons to adjust hours and minutes, then press 'ALARM' to confirm.
- **Activating/Deactivating Alarms:** Press the 'ALARM' button briefly to toggle AL1 or AL2 on/off. An alarm icon will appear on the display when active.
- **Snooze Function:** When an alarm sounds, press the 'SNOOZE/LIGHT' button to activate snooze. The alarm will sound again after approximately 5-10 minutes.
- **Stopping Alarms:** Press any other button (except 'SNOOZE/LIGHT') to stop the alarm for 24 hours.

3.3 Projection Feature

The WT549 can project the current time and outdoor temperature onto a flat surface.

- **Activating Projection:** When powered by the AC adapter, the projection is continuous. When powered by batteries, press the 'PROJECTION' button to activate it temporarily.
- **Adjusting Projection Angle:** The projector lens can be rotated 180 degrees to direct the projection to your desired location (e.g., ceiling or wall).

- **Focus Adjustment:** A small focus wheel near the projector lens allows you to sharpen the projected image.



Image: The Technoline WT549 Projection Radio Alarm Clock showing its main display with time (20:34), indoor temperature (23.6°C), outdoor temperature (30.6°C), day (SU), and weather forecast (partly cloudy). A red laser beam projects the time (20:34) and outdoor temperature (30.6°C) onto a surface above the unit.

3.4 Temperature Display

The device displays both indoor and outdoor temperatures.

- **Indoor Temperature:** Measured by the internal sensor.
- **Outdoor Temperature:** Received from the wireless outdoor sensor. The unit can support up to three external sensors (additional sensors sold separately). Press the 'CH' button to cycle through connected outdoor sensors.
- **Temperature Unit:** Press the '°C/°F' button to switch between Celsius and Fahrenheit.

3.5 Weather Forecast

The WT549 provides a weather forecast based on internal atmospheric pressure readings.

- Weather icons (e.g., sunny, cloudy, rainy) are displayed to indicate the predicted weather conditions for the next 12-24 hours.
- A weather trend indicator shows whether the atmospheric pressure is rising or falling, suggesting improving or worsening weather.

3.6 LED Color Adjustment

The display backlight color can be adjusted to one of 256 available colors.

- Press the 'COLOR' button (or similar, refer to specific button labels on your device) to cycle through preset colors or activate a color-changing mode.
- Some models may allow fine-tuning of color components (RGB) for custom colors. Refer to the detailed manual for advanced color settings.

4. MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in the main unit (backup) and outdoor sensor when the low battery indicator appears on the display.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

5. TROUBLESHOOTING

- **No Display / Unit Not Powering On:** Ensure the AC adapter is securely connected or batteries are correctly installed and not depleted.
- **Radio Control Time Not Setting:** Place the unit away from electronic devices that may cause interference. Try repositioning the unit for better signal reception. Manual time setting is an alternative.
- **Outdoor Temperature Not Displaying:** Check the outdoor sensor batteries. Ensure the sensor is within range and not obstructed. Press the 'CH' button on the main unit to re-establish connection.
- **Projection Image is Blurry:** Adjust the focus wheel near the projector lens. Ensure the projection surface is within the optimal distance.
- **Projection is Inverted:** Some models have a button or setting to flip the projection orientation. Consult the full product manual for specific instructions on reversing the projected image.
- **Inaccurate Temperature Readings:** Ensure sensors are not exposed to direct sunlight, heat sources, or extreme cold.

6. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Technoline
Model Number	WT549
Color	Black
Product Dimensions (L x W x H)	14.7 x 4.2 x 9.2 cm
Item Weight	170 grams
Material	Plastic
Display Type	Digital
Power Source	Battery Powered (backup), AC Adapter (main)
Special Features	Temperature Display, Calendar Display, Alarm, Snooze, Projection
Indoor/Outdoor Use	Indoor (main unit), Outdoor (sensor)

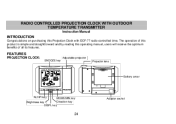


7. WARRANTY AND SUPPORT

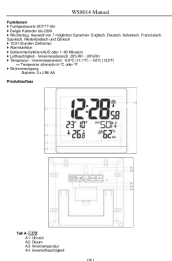
Warranty information for the Technoline WT549 Projection Radio Alarm Clock is typically provided at the point of purchase or included with the product packaging. Please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding replacement parts, please contact Technoline customer service or refer to the official Technoline website for contact details specific to your region.

Spare parts availability information is not provided in the product details.

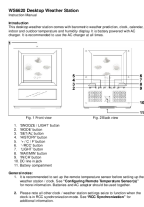
Related Documents - WT549

	<p>Radio Controlled Projection Clock with Outdoor Temperature Transmitter - Instruction Manual</p> <p>This instruction manual provides detailed information on setting up, operating, and maintaining the Radio Controlled Projection Clock with Outdoor Temperature Transmitter, including features like DCF-77 time synchronization, temperature monitoring, and projection display.</p>
	<p>Wireless 868 MHz Weather Station Instruction Manual</p> <p>Comprehensive instruction manual for the Wireless 868 MHz Weather Station, covering features, setup, operation, weather forecasting, and specifications. Includes details on indoor and outdoor temperature monitoring, DCF-77 radio-controlled time, and alarm functions.</p>
	<p>Weather Forecast Memo Alarm Clock Instructions Manual - TechnoLine</p> <p>Comprehensive instruction manual for the TechnoLine Weather Forecast Memo Alarm Clock, detailing setup, features, radio-controlled time, weather forecasting, alarm functions, and specifications.</p>



WS8014 Radio Controlled Clock and Weather Station User Manual

User manual for the WS8014 radio-controlled clock and weather station, covering features, setup, operation, specifications, and safety information.



TechnoLine WS6620 Desktop Weather Station: User Manual and Setup Guide

Detailed instruction manual for the TechnoLine WS6620 Desktop Weather Station. Learn how to set up, operate, and interpret weather forecasts, temperature, humidity, and barometric pressure readings. Includes guidance on remote sensor installation, RCC time synchronization, and alarm settings.



WS 9118 Wireless Indoor and Outdoor Thermometer-Clock Instruction Manual

Comprehensive instruction manual for the WS 9118 Wireless Indoor and Outdoor Thermometer-Clock. Learn how to set up, operate, and troubleshoot your device, including temperature display, alarm functions, and sensor synchronization.