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## Technotrade WT 538

# Technoline WT 538 Wireless Projection Alarm Clock User Manual

## 1. INTRODUCTION

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Thank you for choosing the Technoline WT 538 Wireless Projection Alarm Clock. This modern device features a touch sensor for projection and illumination, designed to integrate seamlessly into your digital lifestyle. It offers a radio-controlled clock with manual setting options, date and weekday display in 7 languages, 12/24 hour format, time zone adjustment, and indoor temperature display in Celsius or Fahrenheit. The alarm includes a customizable snooze function, and the time can be projected onto a wall or ceiling. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance of your alarm clock.



Image 1.1: Front view of the Technoline WT 538 Wireless Projection Alarm Clock in use, showing its display and projection feature.

## 2. SAFETY INFORMATION

- Read all instructions carefully before using the device.
- Keep the device away from water, moisture, and extreme temperatures.
- Use only the specified power adapter (4.5V) and battery type (2 x 1.5V AAA).
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Dispose of used batteries responsibly according to local regulations.

## 3. PACKAGE CONTENTS

Please check that all items are present and in good condition:

- Technoline WT 538 Wireless Projection Alarm Clock
- 4.5V Power Adapter
- 2 x 1.5V AAA Batteries
- User Manual (this document)

## 4. PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your WT 538 alarm clock.

### 4.1 Front Display and Projection

The front of the device features a clear digital display showing time, date, weekday, and indoor temperature. The projection lens is located on the side, allowing time to be projected onto a surface.



Image 4.1: Detailed view of the alarm clock's digital display.

#### 4.2 Rear Controls and Connections

The back of the alarm clock houses the control buttons, battery compartment, and power adapter input.



Image 4.2: Rear view showing buttons (SET, ALARM, +, -, WAVE), projection ON/OFF switch, alarm ON/OFF switch, battery compartment, and DC 4.5V power input.

## 5. SETUP

### 5.1 Battery Installation

1. Open the battery compartment cover on the back of the device.
2. Insert 2 x 1.5V AAA batteries, ensuring correct polarity (+ and -).
3. Close the battery compartment cover securely.

### 5.2 Power Adapter Connection

For continuous operation and permanent projection, connect the included 4.5V power adapter.

1. Plug the small end of the power adapter into the DC 4.5V input jack on the back of the alarm clock.
2. Plug the other end of the power adapter into a standard wall outlet.

### 5.3 Initial Setup

Upon first power-on (either with batteries or power adapter), the clock will attempt to synchronize with the radio-controlled time signal. This process may take a few minutes. If the signal is not received, you can set the time manually.

## 6. OPERATING INSTRUCTIONS

### 6.1 Time Setting (Radio-Controlled and Manual)

- **Radio-Controlled Time:** The clock automatically attempts to receive the DCF-77 radio signal for

accurate time. A signal icon on the display indicates reception status.

- **Manual Time Setting:** If radio reception is poor, press and hold the 'SET' button to enter manual time setting mode. Use the '+' and '-' buttons to adjust hours, minutes, and other settings. Press 'SET' again to confirm each step.
- **12/24 Hour Format:** During manual time setting, you can switch between 12-hour (with AM/PM indicator) and 24-hour formats.
- **Time Zone Setting:** Adjust the time zone offset if needed, typically during manual setup.

## 6.2 Date and Weekday Display

The display shows the current date and weekday. The weekday can be displayed in 7 different languages. Refer to the manual setting section to cycle through language options.

## 6.3 Indoor Temperature Display

The alarm clock continuously displays the indoor temperature. Press the '°C/°F' button to switch between Celsius and Fahrenheit units.

## 6.4 Alarm Function

1. Press the 'ALARM' button once to view the current alarm time.
2. Press and hold the 'ALARM' button to enter alarm setting mode. Use '+' and '-' to adjust the alarm hour and minute. Press 'ALARM' to confirm.
3. Use the 'ALARM ON/OFF' switch on the back to activate or deactivate the alarm. An alarm icon will appear on the display when active.

## 6.5 Snooze Function

When the alarm sounds, gently touch the top of the alarm clock (touch sensor area) to activate the snooze function. The alarm will pause for a preset duration (adjustable during alarm setup) and sound again later.

## 6.6 Backlight Activation

The display backlight can be activated by gently touching the top of the alarm clock (touch sensor area). This provides temporary illumination for easy viewing in low light conditions.

## 6.7 Projection Function

The WT 538 can project the time onto a wall or ceiling.

- **Temporary Projection:** Gently touch the top of the alarm clock (touch sensor area) to activate the projection temporarily.
- **Permanent Projection:** Permanent projection is only possible when the alarm clock is powered by the included 4.5V power adapter. Use the 'Projection ON/OFF' switch on the back of the device to enable continuous projection.
- Adjust the angle of the projection lens to achieve the desired position and focus.

# 7. MAINTENANCE

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## 7.1 Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the surface.

## 7.2 Battery Replacement

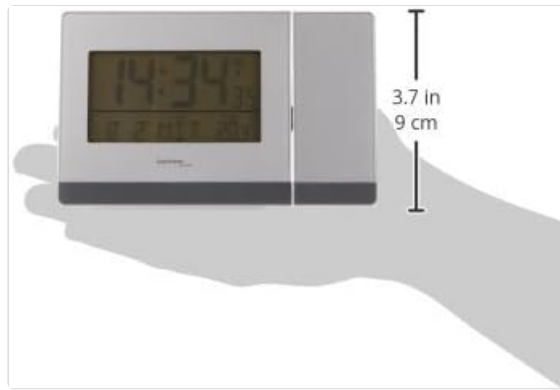
When the display dims or the device functions become unreliable, it is time to replace the batteries. Follow the battery installation steps in Section 5.1.

## 8. TROUBLESHOOTING

- **No Display/Device Not Turning On:** Check battery polarity, ensure batteries are fresh, or verify the power adapter is correctly connected and plugged into a working outlet.
- **Poor Radio Signal Reception:** Move the alarm clock to a location away from electronic devices that may cause interference. Try different orientations.
- **Projection Unclear/Out of Focus:** Adjust the projection lens to focus the image. Ensure the projection surface is within the optimal range.
- **Projection Not Permanent:** Ensure the alarm clock is connected to the power adapter and the 'Projection ON' switch is activated. Permanent projection is not available when running on batteries alone.
- **Alarm Not Sounding:** Check if the alarm is set correctly and the 'ALARM ON' switch is activated.

## 9. SPECIFICATIONS

Feature	Specification
Brand	Technoline
Model	WT 538
Display Type	Digital
Special Features	Alarm, Calendar Display, Multiple Time Zones, Snooze, Silent Clock, Illuminated, Projection
Product Dimensions (L x H x D)	15 cm x 9 cm x 1.5 cm (with battery compartment: 4 cm)
Weight (incl. batteries)	0.202 kg
Power Source	4.5V Power Adapter (included) or 2 x 1.5V AAA Batteries (included)
Mounting Type	Tabletop
Frame Material	Acrylonitrile Butadiene Styrene
Temperature Measurement Range	-9.9 °C to 50 °C
Temperature Resolution	0.1 °F
Temperature Accuracy	0 °C to 40 °C: ± 1 °C; -9.9 °C to -0.1 °C: ± 2 °C; 40 °C to 50 °C: ± 2 °C



*Image 9.1: Side view illustrating the dimensions of the alarm clock.*

## **10. WARRANTY AND SUPPORT**

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For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.