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Technoline WT 221-T Radio Controlled Clock

Instruction Manual

1. INTRODUCTION

Thank you for purchasing the Technoline WT 221-T Radio Controlled Clock. This device offers precise timekeeping through its DCF-77 radio control function, along with useful features such as an alarm with snooze, indoor temperature display, and backlight. Please read this manual carefully before operating the device to ensure proper use and to maximize its lifespan.

For more information, visit the official product page:[Technoline WT 221-T Product Page](#)

2. SAFETY INFORMATION

- Do not expose the unit to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping the unit or subjecting it to strong impacts.
- Do not mix old and new batteries or different types of batteries.
- Remove batteries if the unit is not used for an extended period.
- Keep out of reach of children.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified personnel for service.

3. PACKAGE CONTENTS

- 1x Technoline WT 221-T Radio Controlled Clock
- 1x Instruction Manual (this document)

Note: 2x AAA batteries are required and are not included in the package.

4. PRODUCT OVERVIEW



Figure 4.1: Front view of the Technoline WT 221-T clock alongside its retail packaging. The clock displays the time, date, and indoor temperature. The packaging highlights key features like "Radio controlled alarm clock".



Figure 4.2: Close-up front view of the Technoline WT 221-T clock. The display shows "RADIO CONTROLLED" at the top, and below it are four control buttons: ALM ON/OFF, ZONE, MODE, and °C/°F/WAVE.



Figure 4.3: Rear view of the Technoline WT 221-T clock, showing the battery compartment cover and ventilation slots. The CE mark is visible on the bottom right.

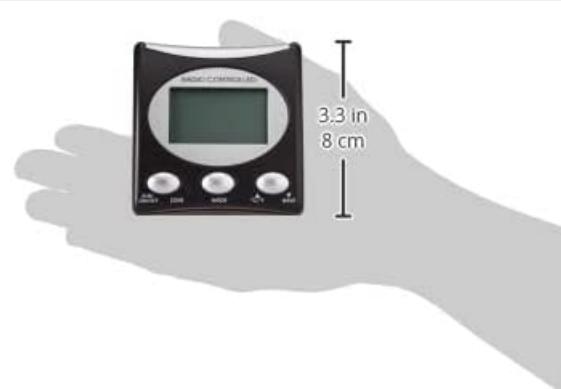


Figure 4.4: The Technoline WT 221-T clock held in a hand, illustrating its compact size. Dimensions are indicated as 3.3 inches (8 cm) in height.

Button Functions:

Button	Function
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Button	Function
ALM ON/OFF	Activates or deactivates the alarm.
ZONE	Adjusts the time zone setting.
MODE	Switches between time display modes (12/24h) and enters setting modes.
°C/°F / WAVE	Toggles temperature display between Celsius and Fahrenheit. Initiates manual radio signal search.

5. SETUP

5.1 Battery Installation

1. Open the battery compartment cover on the back of the unit (refer to Figure 4.3).
2. Insert 2x AAA batteries according to the polarity markings (+ and -) inside the compartment.
3. Close the battery compartment cover securely.

The clock will automatically begin searching for the DCF-77 radio signal after battery insertion.

5.2 Initial Setup and Radio Control

The Technoline WT 221-T is a DCF-77 radio controlled clock. It automatically synchronizes with the atomic clock signal for precise timekeeping. Ensure the clock is placed in an area with good reception, away from electronic interference.

- Upon first power-up, the clock will attempt to receive the DCF-77 signal. A signal icon will typically flash on the display.
- Once the signal is successfully received, the time and date will be set automatically. The signal icon will become steady.
- If reception is poor, try moving the clock to a different location, preferably near a window.
- To manually initiate a signal search, press and hold the "WAVE" button (part of °C/°F / WAVE button).

6. OPERATING INSTRUCTIONS

6.1 Manual Time Setting (if radio control fails)

In areas with no DCF-77 signal, or if you prefer, you can set the time manually.

1. Press and hold the **MODE** button until the hour digits begin to flash.
2. Use the **ZONE** button to adjust the hour.
3. Press **MODE** again to move to the minute setting. Use **ZONE** to adjust minutes.
4. Continue pressing **MODE** to cycle through year, month, and day settings, adjusting each with the **ZONE** button.
5. Press **MODE** one last time to confirm settings and exit manual setting mode.

6.2 12/24 Hour Display

To switch between 12-hour (with AM/PM indicator) and 24-hour time display:

- In normal time display mode, press the **MODE** button briefly to toggle between 12h and 24h format.

6.3 Time Zone Setting

The time zone setting allows for an offset of ± 1 hour from the received DCF-77 time.

- In normal time display mode, press the **ZONE** button briefly to adjust the time zone. The display will show "+1h" or "-1h" if an offset is applied.

6.4 Alarm Setting and Activation

1. Press the **MODE** button repeatedly until the alarm time is displayed (usually indicated by an alarm icon).
2. Press and hold the **MODE** button until the alarm hour digits flash.
3. Use the **ZONE** button to set the desired alarm hour.
4. Press **MODE** again to move to the alarm minute setting. Use **ZONE** to adjust minutes.
5. Press **MODE** one last time to confirm the alarm setting.
6. To activate or deactivate the alarm, press the **ALM ON/OFF** button. An alarm icon will appear on the display when the alarm is active.

When the alarm sounds, press any button (except ALM ON/OFF) to activate the snooze function. The alarm will sound again after approximately 5 minutes. To stop the alarm completely, press the **ALM ON/OFF** button.

6.5 Temperature Display (°C/°F)

The clock displays the indoor temperature.

- Press the **°C/°F** button briefly to toggle the temperature display between Celsius (°C) and Fahrenheit (°F).

6.6 Backlight

The clock features a backlight for easy viewing in low light conditions.

- Press the top silver bar of the clock to activate the backlight. The backlight will illuminate for a few seconds.

7. MAINTENANCE

- Clean the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Replace batteries when the display becomes dim or the clock stops functioning correctly.
- Ensure the battery compartment is always sealed to prevent dust and moisture ingress.

8. TROUBLESHOOTING

Problem	Possible Cause / Solution
Clock does not display anything.	Batteries are dead or incorrectly inserted. Check battery polarity and replace if necessary.

Problem	Possible Cause / Solution
Time is incorrect or not setting automatically.	Poor DCF-77 signal reception. Move the clock to a location with better reception (e.g., near a window). Ensure no strong electronic interference nearby. Manually initiate signal search using the WAVE button.
Alarm does not sound.	Alarm is not activated. Press the ALM ON/OFF button to activate (alarm icon should appear). Check if alarm time is set correctly.
Temperature reading seems inaccurate.	Ensure the clock is not placed in direct sunlight or near heat sources/vents, which can affect readings.

9. SPECIFICATIONS

- Model:** WT 221-T black
- Dimensions:** 7.9 x 4.2 x 7.9 cm (3.11"W x 3.11"H)
- Power Source:** 2 x AAA batteries (not included)
- Time Display:** 12/24 hour format
- Temperature Range:** Indoor temperature display
- Special Features:** DCF-77 Radio controlled clock, Alarm with snooze, Backlight, Time zone setting ($\pm 1h$)
- Material:** Plastic (Acrylonitrile Butadiene Styrene)
- Color:** Black
- Weight:** 2.08 ounces

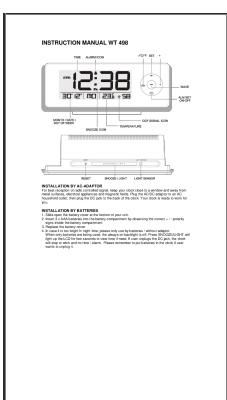
10. WARRANTY AND SUPPORT

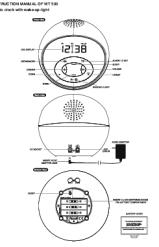
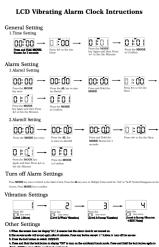
Technoline products are designed for reliability and performance. For warranty information and technical support, please refer to the warranty card included with your purchase or visit the official Technoline website. Keep your purchase receipt as proof of purchase.

For general inquiries or further assistance, you may visit the manufacturer's website: www.technoline.de

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Related Documents - WT 221-T black

	<p>WT 498 Radio Controlled Clock Instruction Manual</p> <p>This instruction manual provides detailed guidance on setting up, operating, and troubleshooting the WT 498 radio-controlled clock, featuring automatic time synchronization, alarm functions, and temperature display.</p>
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	<p>Ken-Tech T-4652 Atomic Radio Controlled Clock User Manual</p> <p>Instructions and guide for setting up and operating the Ken-Tech T-4652 Atomic Radio Controlled Clock, including battery installation, time zone setting, manual time setting, and alarm setting.</p>
	<p>WT 500 Radio Clock with Wake-Up Light Instruction Manual</p> <p>Comprehensive instruction manual for the WT 500 Radio Clock with Wake-Up Light, detailing setup, features like alarms, radio, nature sounds, mood lighting, sleep timer, and troubleshooting.</p>
	<p>Anko Cloud Alarm Clock Operating Instructions</p> <p>Comprehensive operating instructions for the Anko Cloud Alarm Clock, including setup, display modes, time and alarm settings, snooze function, and temperature display.</p>
	<p>LCD Vibrating Alarm Clock Instructions</p> <p>Instructions for setting the time, alarms, vibration modes, and other features of an LCD vibrating alarm clock.</p>
	<p>T-231 Quick Start Guide: Setting Time and Alarms</p> <p>Concise guide to setting the time and alarms on the T-231 clock radio, covering step-by-step instructions for time setting and alarm configuration.</p>