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> iTronics Digital Radio Wall Clock User Manual

iTronics iTronics380

iTronics Digital Radio Wall Clock

Model: iTronics380

1. INTRODUCTION

Thank you for purchasing the iTronics Digital Radio Wall Clock. This advanced timepiece is designed to provide accurate time, date, and temperature readings, along with convenient alarm and countdown functions. Its radio-controlled synchronization ensures precise timekeeping, automatically adjusting for daylight saving time. Please read this manual carefully to ensure proper setup and operation.

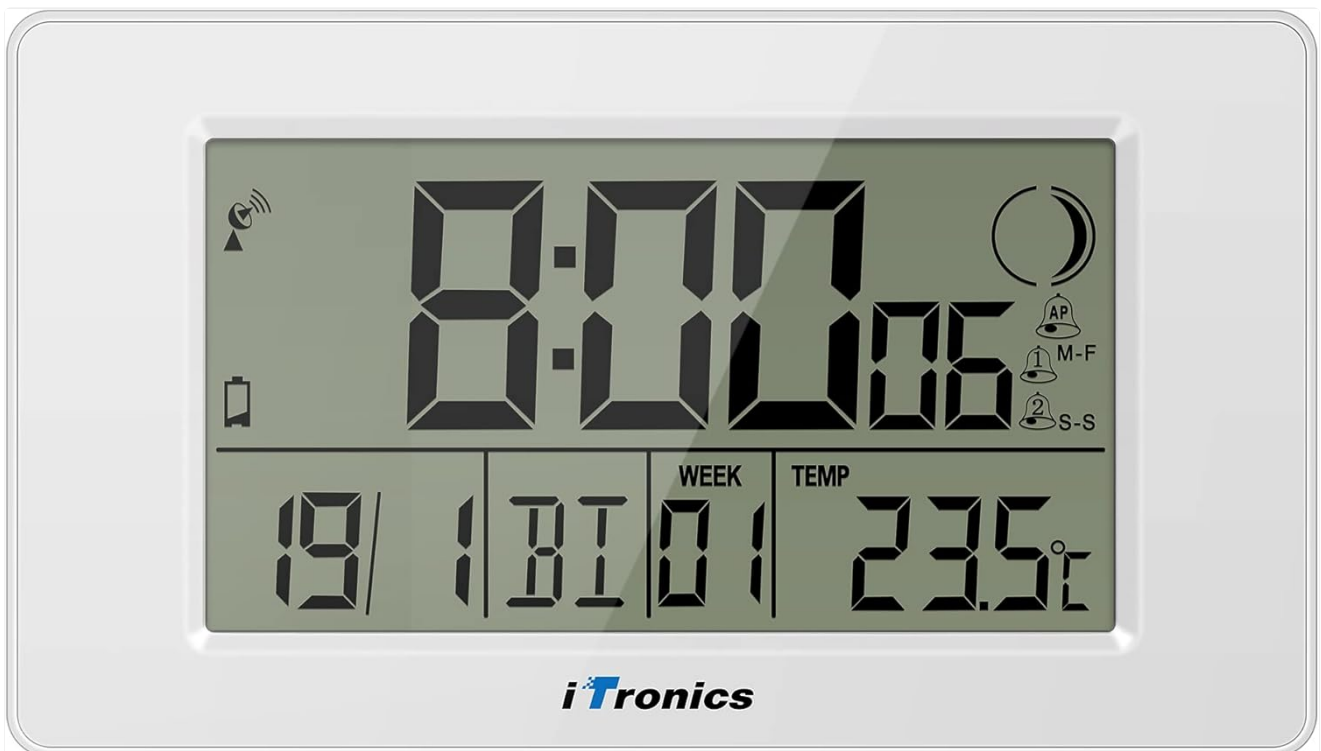


Image 1.1: Front view of the iTronics Digital Radio Wall Clock, displaying time, date, and temperature.

2. SAFETY INFORMATION

- Do not expose the clock to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping the clock or subjecting it to strong impacts.

- Do not mix old and new batteries, or different types of batteries.
- Dispose of used batteries responsibly according to local regulations.
- Do not attempt to disassemble or repair the clock yourself. Refer to qualified service personnel.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Please check the package for the following items:

- iTronics Digital Radio Wall Clock (Model iTronics380)
- User Manual
- AA Batteries (quantity as specified on packaging)

Package Included



Image 3.1: The iTronics clock, user manual, and batteries as typically included in the package.

4. PRODUCT FEATURES

The iTronics Digital Radio Wall Clock offers a range of features for enhanced convenience and functionality:

- **Radio-Controlled Time:** Automatic time and date synchronization for ultimate accuracy.
- **Automatic DST Adjustment:** Self-adjusting for summer/winter time changes.

- **Large LCD Display:** Easy-to-read display (approx. 147mm x 92mm) showing hours, minutes, and seconds.
- **Temperature Indicator:** Displays ambient temperature (0°C - 50°C).
- **Moon Phase Display:** Shows current moon phase.
- **Dual Alarms:** Two programmable alarms with snooze function.
- **Countdown Timer:** Integrated countdown function.
- **Calendar Function:** Displays day, month, and day of the week.
- **Multi-Language Support:** 7 selectable languages (English, French, German, Italian, Dutch, Spanish, Danish).
- **12/24 Hour Format:** Switch between 12-hour and 24-hour time display.
- **Time Zone Adjustment:** Option to adjust for different time zones.
- **Flexible Placement:** Suitable for tabletop use or wall mounting.



Multifunctional Radio-Controlled Clock



Radio
Controlled



Temperature



12/24 Hours



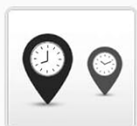
Date



Alarm Clock



7 Languages



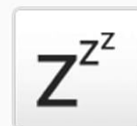
Second
Time Zone



Moon Phase



Countdown
Timer



Snooze

Image 4.1: Visual representation of the clock's key features, including radio control, temperature, 12/24 hours, date, alarm, languages, second time zone, moon phase, countdown, and snooze.

5. PRODUCT LAYOUT AND DISPLAY OVERVIEW

Familiarize yourself with the various indicators and buttons on your iTronics clock:



Image 5.1: Detailed diagram of the clock's display, indicating the position of the Radio Control Symbol, Day Light Saving Time, Battery Low Indicator, PM indicator, Hours, Minutes, Snooze, Second Time Zone, Moon Phase, Appointment Alarm, Symbols for Alarm 1 and 2, Second, Temperature, Date and Month, Day of The Week, and Calendar Week.

The display is designed for clear readability, showing time, date, and environmental information at a glance.

6. SETUP

6.1. Battery Installation

1. Locate the battery compartment on the back of the clock.
2. Open the battery compartment cover.
3. Insert the required number of AA batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely.

6.2. Initial Power On and Radio Control Synchronization

Upon battery installation, the clock will automatically attempt to synchronize with the radio signal. This process may take several minutes to a few hours depending on your location and signal strength. During synchronization, the radio control symbol will flash. Once synchronized, the symbol will become solid.

- Place the clock near a window or in an open area for better signal reception.
- Avoid placing it near electronic devices that may cause interference.

Digital Radio-Controlled Clock

Self-setting atomic time & date



Image 6.1: The clock automatically setting its time and date via radio control.

6.3. Placement Options

The iTronics clock offers two convenient placement options:

- **Tabletop:** Use the integrated stand on the back of the clock to place it on any flat surface such as a desk, nightstand, or shelf.
- **Wall Mount:** Utilize the hanging hole on the back of the clock to mount it securely on a wall using a screw or nail (not included).

2 Placement Options



Image 6.2: The clock demonstrating its two placement options: hanging on a wall via the integrated hole or standing on a surface using its foldable stand.

7. OPERATING INSTRUCTIONS

The iTronics clock is designed for ease of use. Most settings are accessible via buttons located on the back or side of the unit.

7.1. Manual Time and Date Setting (if radio control fails)

In areas with poor radio signal, you may need to set the time and date manually. Refer to the buttons on the back of the clock, typically labeled 'SET', '+', and '-'.

1. Press and hold the 'SET' button until the time display flashes.
2. Use the '+' or '-' buttons to adjust the flashing digit (hours, then minutes).
3. Press 'SET' again to confirm and move to the next setting (e.g., year, month, day).
4. Repeat steps 2 and 3 until all settings are configured.
5. Press 'SET' one last time to exit the setting mode.

7.2. Setting Time Zone

If you are in a different time zone than the radio signal's origin, you can adjust the time zone offset. Consult the manual's specific instructions for your model, usually involving a 'ZONE' or 'TIME ZONE' button.

7.3. Language Selection

To change the display language (e.g., for day of the week):

1. Locate the 'LANGUAGE' or 'SET' button.
2. Press the button repeatedly or hold it down to cycle through the 7 available languages (English, French, German, Italian, Dutch, Spanish, Danish).
3. Release the button when your desired language is displayed.

7.4. Alarm Settings

The clock supports two independent alarms (Alarm 1 and Alarm 2).

1. **Setting an Alarm:** Press the 'ALARM' button (or 'AL1/AL2' button) to select Alarm 1 or Alarm 2. Hold the button until the alarm time flashes. Use '+' or '-' to set the desired alarm time. Press 'ALARM' again to confirm.
2. **Activating/Deactivating Alarm:** Press the 'ALARM' button briefly to toggle the alarm on or off. An alarm icon will appear on the display when active.
3. **Snooze Function:** When an alarm sounds, press the 'SNOOZE' button (often a large button on top) to temporarily silence it. The alarm will sound again after a few minutes.
4. **Stopping Alarm:** To stop an alarm completely, press any other button (except Snooze) or let it ring for its full duration.

7.5. Countdown Timer

To use the countdown timer:

1. Press the 'TIMER' or 'COUNTDOWN' button.
2. Use '+' or '-' to set the desired countdown duration (e.g., in minutes and seconds).
3. Press 'TIMER' or 'START' to begin the countdown.
4. An audible alert will sound when the countdown reaches zero.

7.6. Temperature Display

The clock continuously displays the ambient temperature. No specific action is required to view it. You may be able to switch between Celsius (°C) and Fahrenheit (°F) by pressing a dedicated '°C/°F' button or a combination of 'SET' and '+' buttons.

7.7. 12/24 Hour Format

To switch between 12-hour (with AM/PM indicator) and 24-hour format, press the '12/24H' button or a combination of 'SET' and '-' buttons.

8. MAINTENANCE

8.1. Cleaning

To clean the clock, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these may damage the display or casing.

8.2. Battery Replacement

When the battery low indicator appears on the display, it is time to replace the batteries. Follow the battery installation steps in Section 6.1. Replace all batteries at the same time with new ones of the same type.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock not displaying anything	No batteries or incorrect battery polarity.	Ensure batteries are inserted correctly with proper polarity. Replace with fresh batteries.
Time is incorrect or not setting automatically	Poor radio signal reception. Interference from other electronics.	Move the clock to a location with better signal (e.g., near a window, away from electronics). Allow several hours for synchronization. Manually set the time if necessary.
Display is dim or flickering	Low battery power.	Replace all batteries with new ones.
Alarm not sounding	Alarm is not activated. Alarm volume is too low (if adjustable).	Ensure the alarm icon is visible on the display. Check alarm settings.
Temperature reading seems inaccurate	Clock is placed near a heat source or vent.	Relocate the clock to an area with stable ambient temperature.

10. SPECIFICATIONS

Large Display with Big Bold Digits

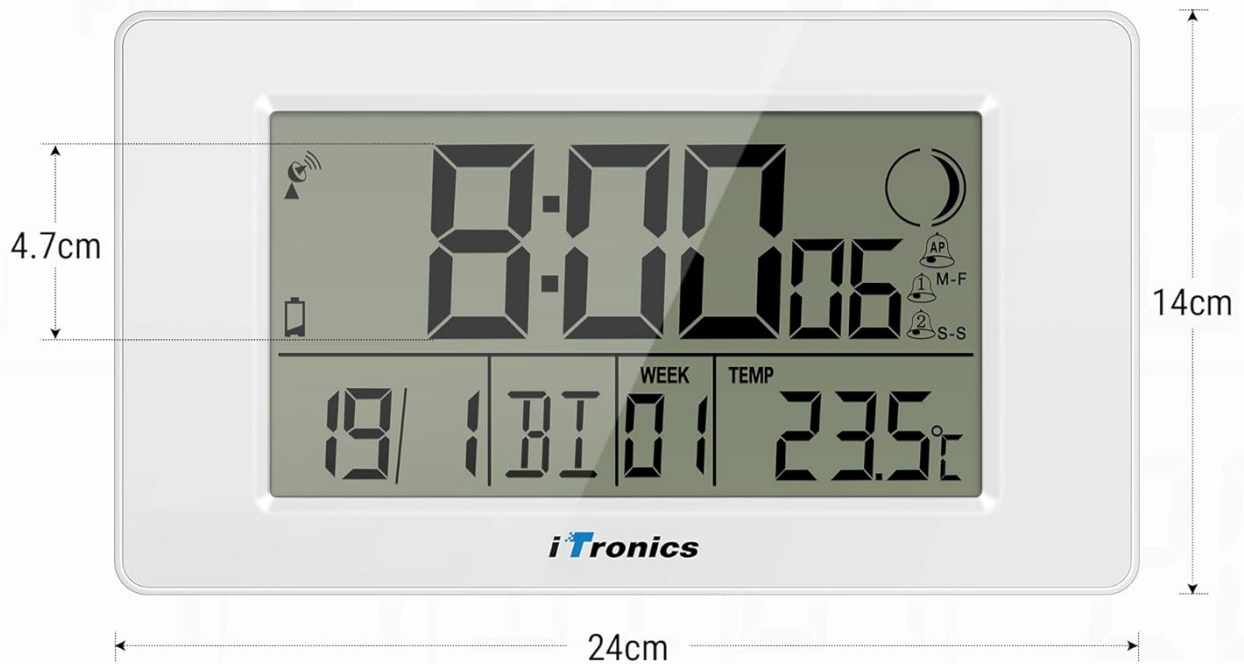


Image 10.1: The clock display with approximate dimensions of 24cm width and 14cm height.

Feature	Detail
Model Number	iTronics380
Display Type	Digital LCD
Time Format	12/24 Hour selectable
Temperature Range	0°C to 50°C (32°F to 122°F)
Power Source	Batteries (AA, quantity as specified)
Material	Plastic
Dimensions (approx.)	24 cm (W) x 14 cm (H) x 3.81 cm (D)
Weight (approx.)	460 g
Special Features	Radio Control, Temperature Indicator, Moon Phase, Dual Alarms, Countdown Timer, Multi-Language Calendar

11. WARRANTY AND SUPPORT

iTronics products are designed for reliability and performance. For information regarding warranty coverage, please

refer to the warranty card included with your product or visit the official iTronics website. For technical support or further assistance, please contact iTronics customer service through the contact information provided on the product packaging or website.