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SZFZMZ ZWC556C

SZFZMZ ZWC556C Atomic Clock User Manual

Model: ZWC556C | Brand: SZFZMZ

1. PRODUCT OVERVIEW

Thank you for choosing the SZFZMZ ZWC556C Atomic Clock. This digital clock provides precise timekeeping through atomic synchronization, along with indoor and outdoor temperature displays and weather forecasting. Please read this manual carefully to ensure proper setup and operation of your new clock.

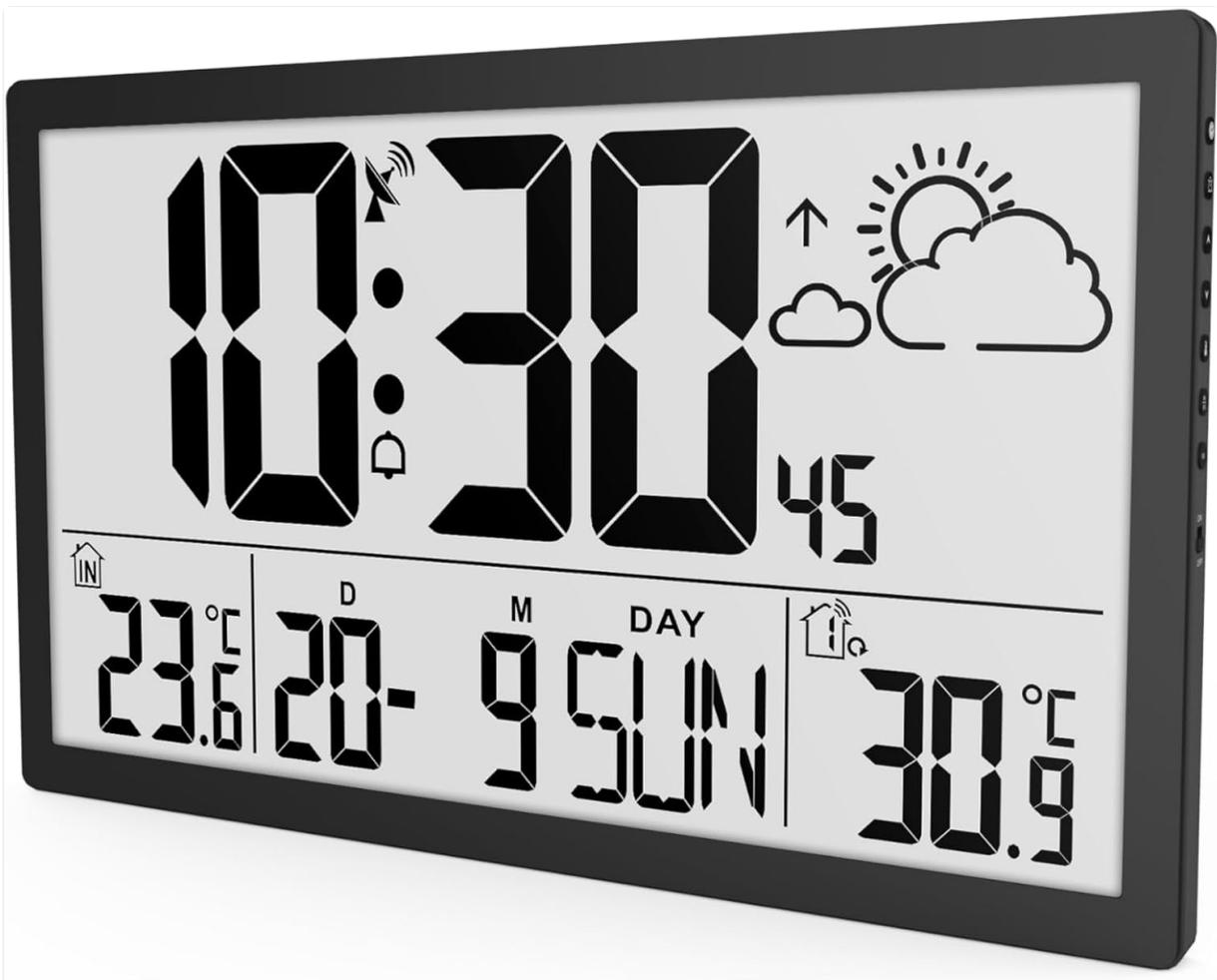


Figure 1: SZFZMZ ZWC556C Atomic Clock. The large digital display shows the time as 10:30, with a radio signal icon indicating

atomic synchronization. Below the time, the indoor temperature is shown as 23.6°C, the date as 20-9 (September 20th), the day as SUN (Sunday), and an outdoor temperature of 30.9°C. A weather forecast icon shows a sun partially obscured by clouds. The clock has a black frame.

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.
- Use only the specified battery type. Ensure correct polarity when inserting batteries.
- Remove batteries if the clock will not be used for an extended period.
- Keep batteries out of reach of children. Do not dispose of batteries in fire.
- Clean the clock with a soft, dry cloth. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

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

- SZFZMZ ZWC556C Atomic Clock (1 unit)
- Instruction Manual (1 unit)

4. SETUP

4.1. Battery Installation

1. Locate the battery compartment cover on the back of the clock.
2. Remove the cover.
3. Insert the required batteries (not included) according to the polarity markings (+ and -) inside the compartment.
4. Replace the battery compartment cover.

4.2. Initial Power-On and Atomic Time Synchronization

Upon battery installation, the clock will automatically power on and begin searching for the atomic time signal. This process may take several minutes or up to 24 hours depending on your location and signal strength. A radio tower icon will appear on the display when synchronization is successful.

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

4.3. Manual Time and Date Setting (If Atomic Sync Fails)

If the atomic time signal is not received, you can manually set the time and date:

1. Press and hold the **SET** button for 3 seconds to enter setting mode.
2. Use the **UP** or **DOWN** buttons to adjust the flashing value.
3. Press **SET** again to confirm and move to the next setting (e.g., Year, Month, Day, Hour, Minute, Time Zone).
4. Repeat until all settings are configured.
5. Press **MODE** or wait 10 seconds for the clock to exit setting mode automatically.

4.4. Temperature Unit Selection

To switch between Celsius (°C) and Fahrenheit (°F) for temperature display:

- Press the **UP** button once during normal time display.

5. OPERATING INSTRUCTIONS

5.1. Display Overview

The large digital display provides the following information:

- **Time:** Current time (hours, minutes, seconds).
- **Date:** Month and day.
- **Day of Week:** Abbreviated day of the week.
- **Indoor Temperature:** Current temperature measured by the clock's internal sensor.
- **Outdoor Temperature:** (If applicable, requires external sensor, not explicitly mentioned but common for weather clocks. The image shows two temperature readings, one labeled "IN" and another without a label, implying an outdoor sensor or a second internal sensor.)
- **Weather Forecast:** Icons indicating predicted weather conditions (e.g., sunny, cloudy, rainy).
- **Atomic Signal Indicator:** Icon showing successful atomic time synchronization.

5.2. Button Functions

The clock features several buttons, typically located on the side or back:

- **SET:** Enters setting mode, confirms selections.
- **UP / +:** Increases values during setting, switches temperature unit (°C/°F) in normal mode.
- **DOWN / -:** Decreases values during setting.
- **MODE:** Switches between display modes (e.g., time, alarm time) or exits setting mode.
- **WAVE / RCC:** Manually initiates atomic signal search.

6. MAINTENANCE

6.1. Cleaning

Wipe the clock with a soft, dry, or slightly damp cloth. Do not use liquid cleaners, sprays, or abrasive materials, as they may damage the surface or internal components.

6.2. Battery Replacement

When the display becomes dim or the clock stops functioning correctly, it is time to replace the batteries. Follow the battery installation steps in Section 4.1. It is recommended to replace all batteries at the same time with new ones of the same type.

7. TROUBLESHOOTING

Problem	Possible Solution
No display or dim display.	Check battery installation and polarity. Replace with fresh batteries.
Incorrect time or date.	Ensure the clock is receiving the atomic signal (radio tower icon visible). Manually initiate signal search using the WAVE/RCC button. If signal is weak, try relocating the clock. Manually set time and date if atomic sync consistently fails (refer to Section 4.3).

Problem	Possible Solution
Atomic signal icon not appearing.	Move the clock closer to a window or to a different location away from electronic interference. Manually initiate signal search.
Temperature reading is inaccurate.	Ensure the clock is not exposed to direct sunlight or heat sources, which can affect internal sensor readings.

8. SPECIFICATIONS

Brand	SZFZMZ
Model	ZWC556C
Color	Black
Display Type	Digital
Special Features	Atomic, Multiple Time Zones, Weather Forecast
Material	Plastic
Power Source	Battery Powered
Batteries Required	Yes (not included)
Package Dimensions	41.1 x 24.6 x 4.6 cm

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact SZFZMZ customer service. Keep your purchase receipt as proof of purchase.