

Zgrmbo MX6035

Zgrmbo Digital Atomic Alarm Clock

Model: MX6035

1. INTRODUCTION

Thank you for choosing the Zgrmbo MX6035 Digital Atomic Alarm Clock. This clock is designed to provide accurate timekeeping, indoor temperature, and humidity readings, along with a reliable alarm function. Its atomic synchronization feature ensures precise time without manual adjustments, and the battery-operated design offers portability and convenience.



Figure 1: Zgrmbo MX6035 Digital Atomic Alarm Clock

2. PACKAGE CONTENTS

- 1 x Zgrmbo MX6035 Digital Atomic Alarm Clock
- 1 x User Manual

Note: 3 x AAA batteries are NOT included and must be purchased separately.

3. PRODUCT FEATURES

- **Accurate Atomic Time:** Automatically synchronizes with the WWVB radio broadcast from NIST in Fort Collins, Colorado, ensuring precise timekeeping.

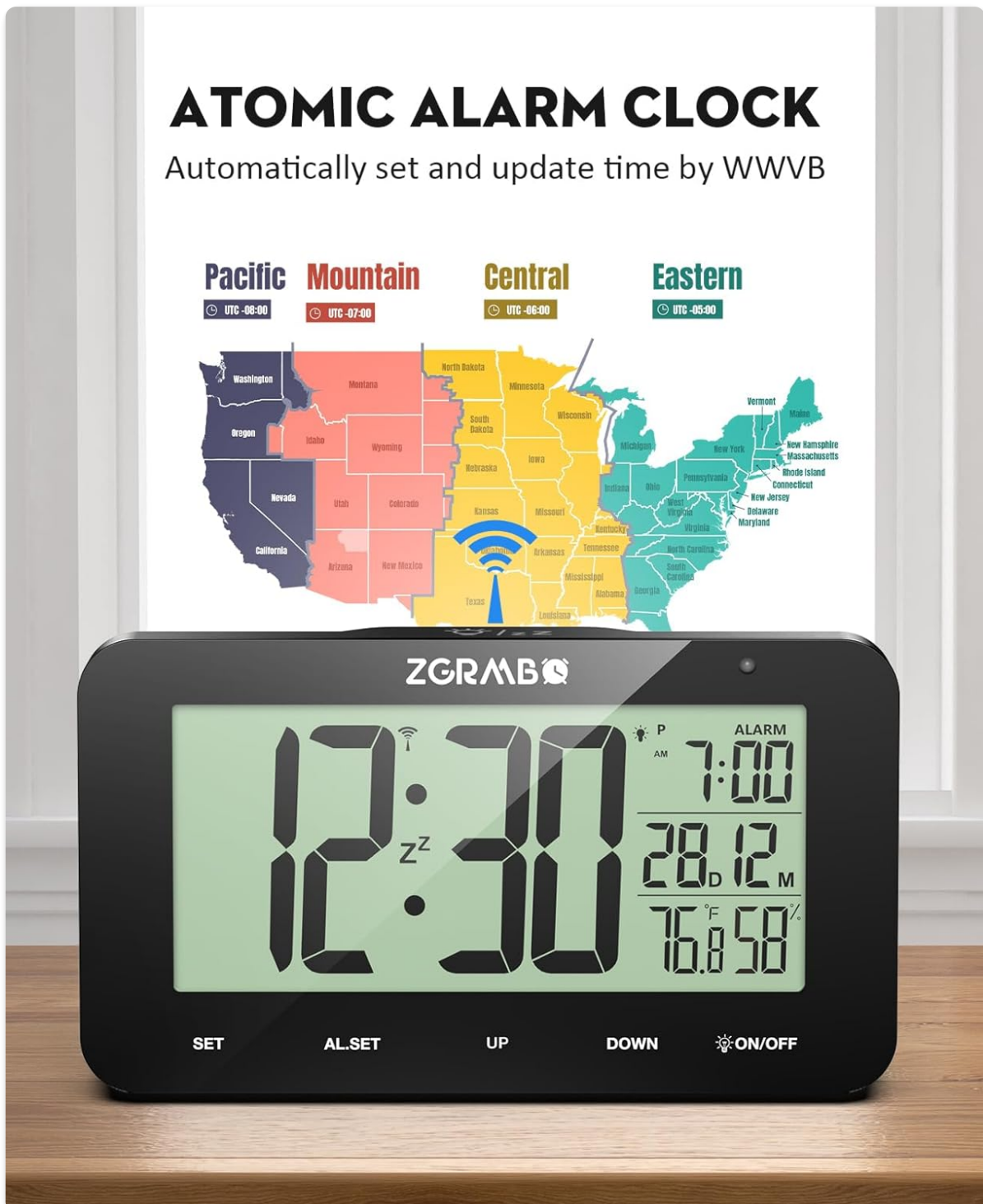


Figure 2: Atomic Time Synchronization

- **Auto-Dimming Smart Night Light:** Features a built-in ambient light sensor that automatically illuminates the display in dark environments. The display can also be manually lit by pressing the top of the clock.



Figure 3: Automatic Night Light in use

- **Alarm with Snooze:** A classic alarm function with a gradually increasing beep sound for 120 seconds. The top snooze button provides an extra 5-minute nap.

A BASIC ALARM CLOCK WITH 5MIN SNOOZE

The screen will light up slightly for reading time at night.



Figure 4: Alarm with 5-Minute Snooze

- **Multi-Display:** Shows time, date, indoor temperature (°F/°C), and indoor humidity.

SIMPLE 3-STEP COMPLETION TIME SETTING




Step 1: Install 3 AAA batteries
(Required)



Step 2: Signal retrieve

-  : Reception failed, Re-retrieve signal or Long press the "SET" to manual time setting
-  : Reception success, waiting for auto update time (7-14 minutes)

(Required)



Step 3: Press the SET button to select the correct time zone.
(Required)

Figure 5: Multi-Display Features

- **Battery Operated & Portable:** Cordless design powered by 3 AAA batteries (not included), making it ideal for bedrooms, desks, or travel.



Figure 6: Battery Operated Design

4. SETUP GUIDE

Follow these steps for initial setup of your Zgrmbo MX6035 Atomic Alarm Clock:

1. **Install Batteries:** Open the battery compartment on the back of the clock and insert 3 new AAA batteries, ensuring correct polarity.
2. **Automatic WWVB Signal Search:** Upon battery installation, the clock will automatically begin searching for the WWVB atomic signal. This process may take 7-14 minutes. Place the clock near a window, ideally facing Colorado, for optimal reception. A signal icon will appear on the display when reception is successful.
3. **Select Time Zone:** Once the signal is received and the time is set, press the **SET** button to cycle through and select your correct time zone (PST, MST, CST, EST).



Figure 7: Simple 3-Step Setup

Setup Video Guide

Video 1: Unboxing and Initial Setup of the MX6035 Alarm Clock. This video demonstrates how to unbox the clock, install batteries, and observe the initial synchronization process.

5. OPERATING INSTRUCTIONS

5.1. Time and Date Display

- The main display shows the current time.
- The date (month and day) is displayed below the alarm time.
- Indoor temperature (°F/°C) and humidity (%) are shown at the bottom right.

5.2. 12/24 Hour Format Switching

To switch between 12-hour (AM/PM) and 24-hour formats, press the **UP** button.



Figure 8: 12/24 Hour Format Switching

5.3. Setting the Alarm

1. Press the **AL.SET** button once to enter alarm setting mode. The alarm hour will flash.
2. Use the **UP** or **DOWN** buttons to adjust the alarm hour.
3. Press **AL.SET** again to confirm the hour and move to alarm minute setting. The alarm minute will flash.
4. Use the **UP** or **DOWN** buttons to adjust the alarm minute.
5. Press **AL.SET** a third time to confirm and exit alarm setting mode. The alarm icon will appear on the display, indicating the alarm is active.

5.4. Snooze Function

When the alarm sounds, press the top of the clock (the **ON/OFF** button area) to activate the snooze function. The alarm will pause for 5 minutes and then sound again. You can repeat this process.

5.5. Disabling the Alarm

To turn off the alarm completely, press the **AL.SET** button when the alarm is not sounding. The alarm icon on the display will disappear.

5.6. Manual Backlight Activation

In any lighting condition, press the top of the clock (the **ON/OFF** button area) to manually illuminate the display for a few seconds.

6. MAINTENANCE

- **Cleaning:** Wipe the clock with a soft, dry cloth. Do not use abrasive cleaners or chemicals.
- **Battery Replacement:** When the display dims or functions become erratic, replace all three AAA batteries with new ones. Ensure correct polarity.
- **Storage:** If storing the clock for an extended period, remove the batteries to prevent leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock does not set time automatically / Time is incorrect.	Poor WWVB signal reception. Incorrect time zone selected.	Place the clock near a window, away from electronic interference. Allow 7-14 minutes for signal reception. Ensure the correct time zone is selected using the SET button. If reception is consistently poor, you may need to manually set the time (see manual for advanced settings, if available, or try re-inserting batteries to force a new signal search).
Backlight is dim or not working.	Low batteries. Ambient light sensor detecting too much light.	Replace batteries with new ones. Ensure the clock is in a sufficiently dark environment for the auto-dimming feature to activate. Manually press the top of the clock to check if the backlight works.
Alarm does not sound.	Alarm is not activated. Alarm volume is too low (if adjustable).	Ensure the alarm icon is visible on the display. If not, set the alarm as per section 5.3. This model has a fixed alarm volume.
Display is blank or flickering.	Low or dead batteries.	Replace all three AAA batteries with new ones.

Problem	Possible Cause	Solution
Daylight Saving Time (DST) adjustment issue.	Clock not automatically adjusting for DST.	The clock is designed to automatically adjust for DST based on the WWVB signal. Ensure good signal reception. If manual override is needed, consult the full product manual for specific button sequences (often involves the DOWN button or SET button in advanced modes).

8. SPECIFICATIONS

Feature	Detail
Brand	Zgrmbo
Model	MX6035
Display Type	Digital LCD
Power Source	3 x AAA Batteries (not included)
Product Dimensions	5.5"W x 3.25"H
Material	Acrylonitrile Butadiene Styrene (ABS)
Temperature Range	32°F to 122°F (0°C to 50°C)
Humidity Range	20%RH to 95%RH
Special Features	Atomic Time, Auto-Dimming Night Light, Alarm, Snooze, Date Display, Indoor Temp/Humidity

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact the seller/manufacturer directly through your purchase platform. Keep your proof of purchase for any warranty claims.

Manufacturer: MEIZHOU MINGXING ELECTRONICS CO.,LTD