

Te-Rich ZH139

Te-Rich Sunrise Simulation Alarm Clock

Model: ZH139

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1. INTRODUCTION

Welcome to your new Te-Rich Sunrise Simulation Alarm Clock, Model ZH139. This device is designed to enhance your waking and sleeping experience with its advanced features, including a natural sunrise simulation, customizable alarms, and a versatile night light. This manual provides comprehensive instructions for setting up, operating, and maintaining your alarm clock to ensure optimal performance and longevity.



Figure 1: Front view of the Te-Rich Sunrise Simulation Alarm Clock.

2. KEY FEATURES

- **Sunrise Simulation:** Gradually brightens from 0% to 100% over a user-defined period (0-60 minutes) before your alarm time, mimicking a natural sunrise for a gentle wake-up.



Figure 2: Illustration of the gradual sunrise simulation feature.

- **Dual Alarms:** Set two independent alarms for different wake-up times or for different users.
- **Customizable Alarm Modes:** Each alarm can be set for 7 days (Mon-Sun), 5 days (Mon-Fri), or 2 days (Sat-Sun) to suit various schedules.

Dual Alarms Equipped with 7-5-2 Modes

Personalized wake-up time with Three Alarm modes.

Mon-Sun (7)

Mon-Fri (5)

Sat-Sun (2)

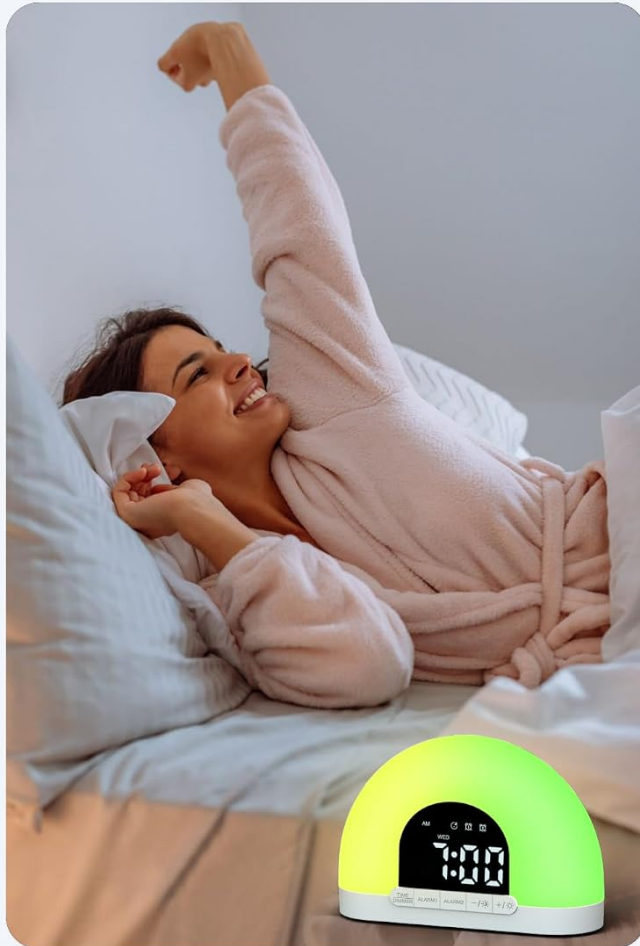


Figure 3: Dual alarm functionality with customizable 7-5-2 day modes.

- **9-Minute Snooze:** Easily extend your sleep with a 9-minute snooze function, which can be activated multiple times.
- **7 Soothing Alarm Sounds:** Choose from a selection of natural sounds including birds, insects, and various bell rings and soft music options.

7 Soothing Alarm Sounds

U01 ————— Sounds Volume ————— U10



Birds



Insects



Bell Rings×3



Soft Musics×2



Figure 4: Selection of 7 soothing alarm sounds.

- **Color-Changing Night Light:** Features 7 solid colors and 2 dynamic color modes with 10 adjustable brightness levels, serving as a versatile bedside lamp.

Color Changing Alarm Clock Night Light

7 solid colors + 2 dynamic colors & 10 brightness

L01

L10



Figure 5: Color-changing night light feature with multiple color and brightness options.

- **Dimmable LED Display:** Adjust the brightness of the time display to 100%, 50%, 5%, or turn it off completely for undisturbed sleep.



Figure 6: Dimmable display options for various needs.

- **Battery Backup:** A built-in CR2032 battery ensures that time and alarm settings are retained during power outages.

Creative Sunrise Alarm Clock Suitable for All People

Press the top for an extra 9 mins snooze or turn off the alarm with any button under the display screen.



Loud alarm



9 mins snooze



12/24h display



Battery backup



Figure 7: Overview of additional features including battery backup.

- **12/24 Hour Display:** Easily switch between 12-hour and 24-hour time formats.
- **Adjustable Volume:** Control the volume of alarm sounds and other audio outputs.

3. SETUP GUIDE

3.1 Unpacking

Carefully remove all components from the packaging. Ensure you have the Te-Rich Sunrise Simulation Alarm Clock unit, a USB power cable, and the user manual. Inspect the device for any signs of damage.

3.2 Power Connection

1. Connect the small end of the USB power cable to the power input port on the back of the alarm clock.
2. Plug the larger end of the USB cable into a standard USB power adapter (not included) or a powered USB port (e.g., computer, power bank).
3. Plug the USB power adapter into a wall outlet. The display will light up, indicating the device is powered on.

3.3 Battery Installation (Backup)

The alarm clock includes a CR2032 button cell battery for backup purposes. This battery retains time and alarm settings during power interruptions but does not power the main functions of the clock.

1. Locate the battery compartment on the bottom of the alarm clock.
2. Open the battery compartment cover.
3. Insert the CR2032 battery with the positive (+) side facing up.
4. Close the battery compartment cover securely.

3.4 Initial Time Setting

Upon first power-up or after a prolonged power loss without battery backup, you may need to set the current time.

1. Press the **TIME** button (usually located on the front panel). The hour digits will start flashing.
2. Use the +/- buttons to adjust the hour.
3. Press the **TIME** button again to confirm the hour and move to minute setting. The minute digits will flash.
4. Use the +/- buttons to adjust the minute.
5. Press the **TIME** button one more time to confirm the minute and exit time setting mode.
6. To switch between 12-hour and 24-hour format, press and hold the **TIME** button for a few seconds during time setting.

4. OPERATION

4.1 Setting Alarms

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

1. Press the **ALARM1** or **ALARM2** button. The alarm time digits will flash.
2. Use the +/- buttons to set the desired alarm hour.
3. Press the **ALARM1/ALARM2** button again to move to minute setting. Use +/- to set the minute.
4. Press the **ALARM1/ALARM2** button again to select the alarm sound. Use +/- to cycle through the 7 available sounds.
5. Press the **ALARM1/ALARM2** button again to set the alarm volume (U01-U10). Use +/- to adjust.
6. Press the **ALARM1/ALARM2** button again to set the sunrise simulation duration (0-60 minutes). Use +/- to adjust.
7. Press the **ALARM1/ALARM2** button again to select the alarm mode: 7 days (Mon-Sun), 5 days (Mon-Fri), or 2 days (Sat-Sun). Use +/- to select.
8. Press the **ALARM1/ALARM2** button one more time to confirm settings and activate the alarm. An alarm icon will appear on the display.
9. To deactivate an alarm, press the corresponding **ALARM1/ALARM2** button until the alarm icon disappears.

4.2 Snooze Function

When an alarm sounds, press the large button on the top of the alarm clock to activate the 9-minute snooze function. The alarm will sound again after 9 minutes. This can be repeated multiple times.

4.3 Night Light / Color Changing Light

1. To turn on the night light, press the **Light Bulb** button (usually next to +/-).

2. Press the **Light Bulb** button repeatedly to cycle through the 7 solid colors and 2 dynamic color modes.
3. Use the +/- buttons to adjust the brightness level (L01-L10) of the current light color.
4. To turn off the night light, press the **Light Bulb** button until the light turns off.

4.4 Display Brightness

To adjust the brightness of the LED time display:

1. Press the **DIMMER** button (usually located near the TIME button).
2. Each press will cycle through brightness levels: 100% > 50% > 5% > OFF.
3. Select the desired brightness level.

5. MAINTENANCE

5.1 Cleaning

- Before cleaning, ensure the alarm clock is unplugged from the power source.
- Wipe the surface of the device with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or strong chemicals, as these may damage the surface.
- Avoid getting moisture into any openings or ports.

5.2 Battery Replacement (CR2032)

The CR2032 backup battery typically lasts for a long period. If you notice that time and settings are not retained after a power outage, it may be time to replace the battery.

1. Unplug the alarm clock from the main power supply.
2. Locate and open the battery compartment on the bottom of the unit.
3. Remove the old CR2032 battery.
4. Insert a new CR2032 battery with the positive (+) side facing up.
5. Close the battery compartment cover securely.
6. Dispose of the old battery according to local regulations.

5.3 Storage

If storing the device for an extended period, unplug it from the power source and remove the CR2032 backup battery. Store it in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply; loose connection.	Ensure USB cable is securely connected and power adapter is plugged into a working outlet. Try a different USB port or adapter.
Alarm does not sound.	Alarm not activated; volume too low; incorrect alarm time.	Verify alarm icon is displayed. Check alarm volume setting. Re-set alarm time.

Problem	Possible Cause	Solution
Sunrise simulation not working.	Sunrise duration set to 0 minutes; light brightness too low.	Ensure sunrise duration is set to a value greater than 0. Check light brightness level.
Time/settings lost after power outage.	Backup battery drained or not installed.	Install or replace the CR2032 backup battery.
Display is too dim or off.	Display dimmer setting.	Press the DIMMER button to adjust display brightness.
Buttons are unresponsive.	Temporary software glitch.	Unplug the device from power for 1 minute, then plug it back in to reset.

7. SPECIFICATIONS

Brand	Te-Rich
Model Number	ZH139
Color	White
Dimensions (L x W x H)	15 x 3.81 x 6 cm
Weight	270 grams
Material	Acrylonitrile Butadiene Styrene (ABS)
Light Source Type	LED
Input Voltage	Standard USB (5V, adapter not included)
Special Features	Adjustable Brightness, Adjustable Volume, Sunrise Simulation, Dual Alarms, Snooze Function, Color Changing Light, Dimmable Display, Battery Backup
Battery	1 x CR2032 (included for backup)
Energy Efficiency Class	G
Energy Consumption	10 kWh/1000h
EPREL Product Page	View on EPREL

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or visit the official Te-Rich website. You may also contact the seller directly through the platform where the product was purchased.

For general inquiries or technical assistance, please consult the manufacturer's official support channels.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question