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› Lonyiabbi Nixie Tube Clock Simulation User Manual

Lonyiabbi Lonyiabbi-007

Lonyiabbi Nixie Tube Clock Simulation User Manual

Model: Lonyiabbi-007

1. INTRODUCTION AND OVERVIEW

The Lonyiabbi Nixie Tube Clock Simulation is an electronic LED glow clock designed to mimic the aesthetic of classic Nixie tubes. It features RGB glow PCBs and engraved display panes to illuminate numbers, offering a retro yet modern decorative piece for your home or office. This manual provides detailed instructions for setting up, operating, and maintaining your clock.



The Lonyiabbi Nixie Tube Clock Simulation, showcasing its vibrant, customizable display.

2. PRODUCT FEATURES

- **Nixie Tube Simulation:** Utilizes 6 RGB glow PCBs and 12 engraved display panes to simulate the appearance of traditional Nixie tubes.
- **6 Flash Modes:** Includes Rainbow gradient, Breath display, Flowing water gradient, Time jumps, Custom color mode, and Time feed display mode.
- **3 Display Modes:** Offers Clock mode (12/24-hour), Stopwatch mode (minutes, seconds, 1/100th second), and Alarm clock mode.

- **Wi-Fi Time Calibration:** Allows synchronization of time and light settings via a mobile phone connection.
- **USB Powered:** Conveniently powered via a standard USB connection.

3. PACKAGE CONTENTS

Please ensure all items are present upon unboxing:

- 1 x Lonyiabbi Nixie Tube Clock Simulation
- 1 x USB Power Cable
- 1 x User Manual (this document)



The clock and its elegant black packaging, as received.

4. SETUP

1. **Unboxing:** Carefully remove the clock from its packaging. The product comes pre-assembled and does not require user assembly.
2. **Power Connection:** Connect the provided USB power cable to the clock's USB port. Plug the other end into a standard USB power adapter (not included) or a powered USB port on a computer or wall outlet.
3. **Placement:** Place the clock on a stable, flat surface. For optimal viewing, consider placing it against a dark background.

Your browser does not support the video tag.

Video demonstrating the unboxing and pre-assembled nature of the Lonyiabbi Nixie Tube Clock Simulation. It highlights that no assembly is required by the user.

5. OPERATING INSTRUCTIONS

The clock features three control buttons on the side for basic operation and mode selection. For advanced settings and time synchronization, a dedicated application is available for Windows computers.

5.1. Basic Button Controls

- **Middle Button:** Cycles through the main operating modes (Clock, Stopwatch, Alarm, Display Styles).
- **Left/Right Buttons:** Used for adjusting values or navigating within specific modes.

5.2. Display Modes

- **Clock Mode:** Displays current time in 12-hour or 24-hour format.
- **Stopwatch Mode:** Functions as a stopwatch, displaying minutes, seconds, and hundredths of a second.
- **Alarm Clock Mode:** Allows setting a customizable alarm time.

5.3. Flash Modes (Color Effects)

The clock offers various dynamic lighting effects:

- **Rainbow Gradient:** Time numbers fade through colors together.
- **Breath Display:** Three sets of time digits gradually brighten and dim.
- **Flowing Water Gradient:** Color of time numbers displays progressively from left to right.
- **Time Jumps:** Numbers change instantly.
- **Custom Color Mode:** Allows users to set preferred colors for the display.
- **Time Feed Display Mode:** A unique visual effect for time progression.



The clock displaying time with a cool blue and green color scheme on a wooden desk.



A close-up view of the clock's digits illuminated with a warm orange glow.

5.4. Wi-Fi Time Calibration and App Control

For precise time synchronization and advanced customization of light modes and colors, connect the clock to your mobile phone via Wi-Fi. Download the dedicated application (details typically found on the manufacturer's website or product packaging) to access these features. The app allows for easier setting of 12/24-hour mode, alarm, and individual digit color adjustments.



The clock integrated into a desk setup, demonstrating its versatile color display options.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe the clock's surfaces. Avoid abrasive cleaners or solvents that may damage the wood or acrylic components.
- **Dust Removal:** For dust accumulation between the display panes, use a can of compressed air or a soft brush.
- **Battery:** The clock requires 1 CR2032 battery, primarily for internal timekeeping backup. Replace when necessary following standard battery replacement procedures for small electronics.

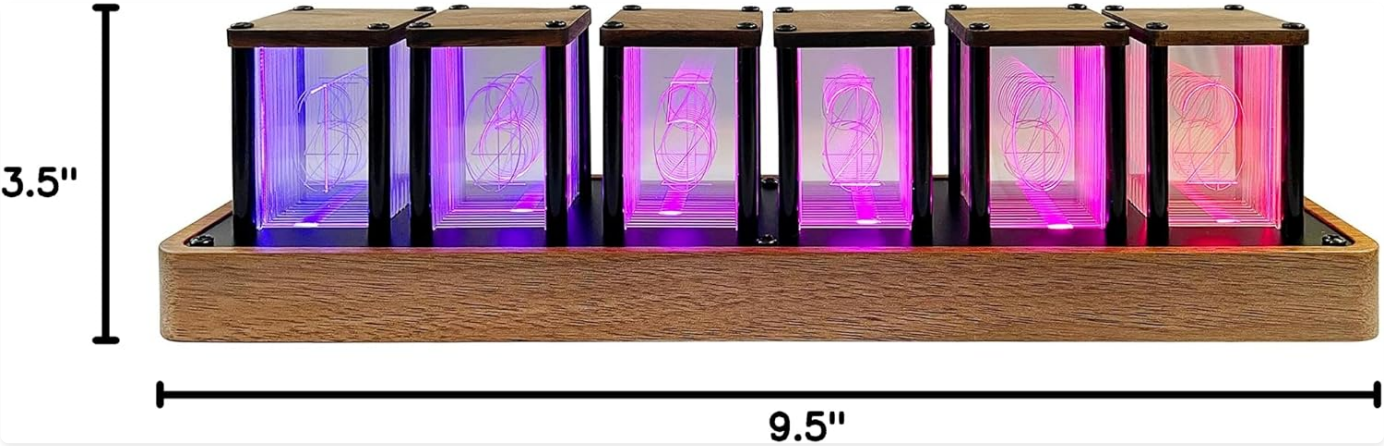
7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock loses time or gains time significantly.	Internal clock drift; not synchronized.	Use the Wi-Fi calibration feature via the mobile app to synchronize the time regularly.
Display is dim or uneven.	Brightness setting too low; dust accumulation.	Adjust brightness using the control buttons or the app. Clean the display panes as per maintenance instructions.
Cannot connect to Wi-Fi or app.	Incorrect Wi-Fi settings; app compatibility issues.	Ensure correct Wi-Fi network is selected. Verify app is the latest version and compatible with your device's operating system. Refer to the app's specific instructions.

Problem	Possible Cause	Solution
Alarm sounds unexpectedly.	Alarm was inadvertently set or not properly deactivated.	Access the alarm settings via the control buttons or the app and ensure it is turned off or set to the desired time.

8. SPECIFICATIONS

Brand	Lonyiabbi
Model Number	Lonyiabbi-007
Display Type	Digital (Nixie Tube Simulation)
Power Source	Corded Electric (USB Powered)
Product Dimensions	9.5"W x 3.5"H
Material	Wood, Acrylonitrile Butadiene Styrene
Item Weight	2.31 pounds (1.05 Kilograms)
Battery (for backup)	1 CR2032 battery required
Special Features	Illuminated, Adjustable Brightness, Nixie Tube Simulation, Wi-Fi Calibration



Product dimensions: 9.5 inches wide by 3.5 inches high.

9. WARRANTY AND SUPPORT

The Lonyiabbi Nixie Tube Clock Simulation comes with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the documentation included with your purchase or visit the official Lonyiabbi website.

For technical support, troubleshooting assistance beyond what is provided in this manual, or inquiries about replacement parts, please contact Lonyiabbi customer service. Contact information can typically be found on the product packaging, the official brand website, or through your point of purchase.

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

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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