ClocTeck QI-C04

ClocTeck Nixie Tube Clock Instruction Manual

Model: QI-C04

1. INTRODUCTION

The ClocTeck Nixie Tube Clock is an innovative digital timepiece designed to simulate the classic aesthetic of Nixie tubes using modern RGB LED technology. It features a walnut base and clear acrylic display panes, offering a retro yet contemporary addition to any desk or room. This clock supports Wi-Fi time synchronization, alarm functions, a timer, and extensive customization options for display colors and modes, blending cutting-edge technology with timeless design.

2. PRODUCT FEATURES

- **Nixie Tube Clock Simulation:** Utilizes RGB glow PCBs and engraved display panes to mimic the appearance of traditional Nixie tubes.
- **Alarm and 12/24H Format:** Supports alarm settings and allows switching between 12-hour and 24-hour time display formats.
- **Timer Function:** Includes a convenient timer function with a maximum setting of 99 minutes.
- **Custom Display Color & Mode:** Features an RGB light source for full color customization of each display group. Supports various display modes including Check mode, Single color mode, Monochrome alternate display mode, Breathing mode, Rainbow flashing mode, and Water flowing mode.
- **Simple to Use:** Designed for user-friendly operation, allowing color and time adjustments without the need for PC software or drivers.

3. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon opening the package:

- ClocTeck Nixie Tube Clock Unit
- USB-C Power Cable
- Instruction Manual
- Cleaning Cloth

Image: Contents of the ClocTeck Nixie Tube Clock package.

4. SETUP GUIDE

4.1. Unboxing and Initial Setup

Carefully remove the clock unit and accessories from the packaging. The clock is designed for easy setup. Ensure the unit is placed on a stable, flat surface.

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Video: An overview of the ClocTeck Nixie Tube Clock, demonstrating its appearance and various display modes.

4.2. Assembly Instructions

The ClocTeck Nixie Tube Clock is designed for minimal assembly. If your unit requires the individual display panes to be inserted, follow these steps:

1. Gently remove the protective film from each acrylic display pane.
2. Carefully insert each numbered pane into its designated slot on the clock base, ensuring the numbers face forward.
3. Secure the top wooden covers onto each display module using the provided screws and screwdriver.

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Video: Detailed guide on assembling the display components of the Nixie Tube Clock.

4.3. Power Connection

Connect the provided USB-C power cable to the port on the back of the clock unit. Plug the other end of the USB-C cable into a compatible USB power adapter (not included) or a powered USB port. The clock will power on automatically.

Image: The ClocTeck Nixie Tube Clock connected to power, displaying time.

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

The clock features several buttons on the back for control: MODE, TIME, Up (▲), and Down (▼).

- **MODE Button (Short Press):** Cycles through different display modes (e.g., Check mode, Single color mode, Monochrome alternate display mode, Breathing mode, Rainbow flashing mode, Water flowing mode).
- **MODE Button (Long Press):** Enters color setting mode, allowing customization of individual digit colors.
- **TIME Button (Short Press):** Activates the countdown timer mode.
- **TIME Button (Long Press):** Enters time and alarm setting mode.
- **Up (▲) / Down (▼) Buttons:** Adjust values (time, alarm, brightness) or navigate options within setting modes.

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Video: Demonstrates basic button operations for mode selection, time setting, and brightness adjustment.

5.2. Setting Time and Alarm

To set the time or alarm:

1. Long press the **TIME** button to enter the time setting mode. The digits will typically glow blue for time setting.
2. Use the **Up (▲)** and **Down (▼)** buttons to adjust the hours and minutes.
3. Short press the **TIME** button to move between hour and minute settings, or to switch to alarm setting (digits may glow red for alarm).
4. Once set, long press the **TIME** button again to exit the setting mode.

5.3. Customizing Display Colors and Modes

The clock offers extensive color customization:

1. Long press the **MODE** button to enter the color setting mode.
2. Use the **Up (▲)** and **Down (▼)** buttons to select different color presets or to customize individual digit colors.
3. Short press the **MODE** button to cycle through various display effects (e.g., breathing, rainbow, water flowing).
4. For advanced customization, the clock supports mobile phone control via Wi-Fi. Refer to the Wi-Fi Time Synchronization section for details.

Image: The clock showcasing its customizable RGB lighting.

5.4. Wi-Fi Time Synchronization

The ClocTeck Nixie Tube Clock supports Wi-Fi time synchronization for accurate timekeeping. This feature also allows for control via a mobile application. Please refer to the specific instructions provided in the included manual for connecting your clock to your Wi-Fi network and using the mobile control features. This typically involves connecting your phone to the clock's temporary Wi-Fi hotspot, then configuring the clock to join your home network.

5.5. Timer Function

To use the timer function:

1. Short press the **TIME** button to enter timer mode.
2. Use the **Up (▲)** and **Down (▼)** buttons to set the desired countdown time, up to a maximum of 99 minutes.
3. Press the **TIME** button again to start the countdown.
4. The timer will alert you once it reaches zero.

6. MAINTENANCE

To ensure the longevity and optimal performance of your ClocTeck Nixie Tube Clock, follow these maintenance guidelines:

- **Cleaning:** Use the provided cleaning cloth or a soft, dry microfiber cloth to gently wipe the display panes and the wooden base. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the materials.
- **Placement:** Place the clock on a stable, flat surface away from direct sunlight, extreme temperatures, and high humidity.
- **Power:** Always use the original USB-C cable or a certified equivalent. Disconnect power during extended periods of non-use.
- **Handling:** Handle the clock with care to avoid dropping or impacting the display panes.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock does not power on.	No power, faulty cable, or power adapter.	Ensure the USB-C cable is securely connected. Try a different USB power adapter or USB port.
Time drifts or is inaccurate.	No Wi-Fi connection, or manual time not set correctly.	Ensure the clock is connected to Wi-Fi for automatic time synchronization. If not using Wi-Fi, manually reset the time using the TIME button.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password, out of range, or network interference.	Double-check your Wi-Fi password. Move the clock closer to your Wi-Fi router. Try restarting your router.
Display colors are not changing.	Incorrect mode, or settings not saved.	Long press the MODE button to enter color setting mode. Ensure changes are applied or saved according to the manual.
Alarm does not sound.	Alarm not set, or volume too low.	Verify the alarm time is correctly set. Ensure the alarm is enabled.

8. SPECIFICATIONS

Attribute	Detail
Brand	ClocTeck
Model Number	QI-C04
Display Type	Digital (RGB Glow Simulation)
Power Source	Corded Electric (USB-C)
Material	Walnut (Base), Aluminum (Frame), Acrylic (Display Panes)
Product Dimensions	11"W x 3.2"H
Item Weight	0.7 Pounds (11.2 ounces)
Special Features	Mood Light, Alarm Clock, Timer, Wi-Fi Time Sync
UPC	749212833593, 797484967386
Manufacturer	Qianjie Arts
First Available	October 20, 2021

9. WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty claims, please contact ClocTeck directly through the platform where you purchased the product. Refer to your purchase documentation for specific warranty terms and contact information. While protection plans may be available from third-party providers, direct product support is handled by the manufacturer, ClocTeck.