



Figure 1

SINGLE TUBE NIXIE 1.1 16 DECEMBER 2006

Overview

Tired of high priced Nixie Clocks and Tubes? Wanna show off your inner Geek? Well then, check out our feature packed Single Tube IN-14 Nixie Tube Clock. This clock was specifically designed to sit on top of your PC and to be powered from the USB port. To our knowledge it's the first of its type to include these features

- 5V USB Power (PC Powered)
- 120VAC Wall Wart Adapter (AC Powered)
- 32KHz Quartz Timing Source
- .22F Super Capacitor Backup
- Enhanced Cross fading Control

Setup and Operation

1. Plug It In

The Single Tube Nixie Clock comes fully assembled and tested. Simply supply power using the provided 5 pin Mini-B USB Cable and either a PC USB port or the provided wall adapter.

2. How to Read the Time

Time is displayed every three seconds by the unique cross fading of digits (H-H-M-M). Seconds are indicated by the blinking of the bright blue led. To minimize the distraction of this led the on-off cycling is held high for one second and then held low for one second.

3. Set the Time

There are 2 buttons on the base of the Single Tube Nixie Clock for setting the time. Button 1 is used for setting the hours and Button 2 is used to set the minutes. The time can only be set when the time is not currently being displayed.

4. Power Loss

When power is removed from the clock the clock will enter low power mode and will continue to keep track of the time until the super capacitor discharges below 2.0V.

!!! HIGH VOLTAGE RISK !!!

180V @ 2-5 mA is required to properly drive the Nixie Tubes! This voltage is high enough to cause serious injury and could pose to be fatal. This high voltage is derived from advanced switch mode power supply design and not from AC mains. OHARARP LLC, does not recommend removing or tampering with the supplied acrylic casing.

