

User Manual

Nixie Tube Clock with QS30-1

Designed by YanZeyuan



IR remote controller operation panel:

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|-----------|--------------|-----------------------|
| 1. Power | 2. Backlight | 3. Set |
| 4. Date | 5. Alarm | 6. Temperature inside |
| 7. Left | 8. Right | 9. Function |
| 10. OK | 11. CANCEL | 12. Num 0 |
| 13. Num 1 | 14. Num 2 | 15. Num 3 |
| 16. Num 4 | 17. Num 5 | 18. Num 6 |
| 19. Num 7 | 20. Num 8 | 21. Num 9 |

Operation instructions:

1. After powering the clock, time will display after beep, and back light will open. The date format is YY-MM-DD and the time format is HH-MM-SS.
2. Press "Power" button 2 seconds, clock will be shut down, and back light will flashing once every two seconds. Press "Power" button again, clock will be opened.(the clock will "Beep" and the time will show 10 seconds on the hour will shut down.)
3. Press "Backlight" button will turn on or turn off the back light.
4. In show time mode, press "Set" button 2 seconds is setting time, second is flash now, and you can change it use button "Num 0" - "Num 9" . Use "Left" and "Right" button you can change position of setting. When you finished, press "OK" button to save setting or press "Cancel" button to abort.
5. Press "Date" button to show the date. It will return to real time mode after 5 seconds.
6. In show date mode, press "Set" button is setting date.
7. Press "Alarm" button to show Chinese date, there' re no alarm function now. when Chinese date is 01-01, it' s the Chinese new year.
8. Press "Temp" button to show temperature indoor. It will return to real time mode after 5 seconds.
9. Nixie tubes have an unwanted side effect called 'cathode poisoning' causing metal molecules of glowing cathodes (digits)to attach to non glowing cathodes. This finally causes death of the tube. To avoid this effect non/seldom glowing cathodes have to be switched on from time to time. So this Nixie Clock have a cathode poisoning prevention. Cathodic protection function runs every 2 minutes for 5 seconds.

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