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nixie IV-22 VFD Desktop Clock User Manual

IV-22 VFD Desktop Clock
Product manual
Version 1.0

2021
http://nixieshop.com/

Thank you for purchasing a nixieshop.com clock!
Please read the following manual carefully to ensure you get the most out of your Nixie Clock.

Contents

Unboxing

All nixieshop.com clocks are shipped as carefully as possible to ensure safe delivery to you. In the unlikely event that the clock does arrive damaged, or if you have any questions at all about using the product, please contact me at **petro.vodopyan@gmail.com**.

Carefully remove the clock from the box when unboxing this product. The clock is protected with bubble wrap, but the nixie tubes are installed into sockets and should be handled with care.

WARNING: Please note that this clock is for indoor use only.

Contents

Each package contains the following items:

1. Clock base with mounted tubes (tube types are specific to purchased model).
2. 5v 2A power adapter with micro USB jack.
3. Built-in motion sensor (based on Doppler radar).
4. Product manual.

Warranty

Nixieshop.com values your business and always attempts to provide you with the very best quality of service. We provide a lifetime warranty for electronics and a two-year warranty for tubes. The warranty applies only to the products manufactured by Nixie Shop.

The warranty covers burned-out tubes (up to three), problems with the electronics of the clock. The warranty does not cover damage of a product resulting from negligence; damage of a product resulting from unauthorized modification of the product; damage caused by natural disaster; theft or loss of the product.

Menu

The menu items below are listed in the order that they will appear when going through them.

LED RGB Values
The clock has one RGB LED under each nixie tube. All colors are adjustable and can be set to a custom brightness.

1. Red color brightness (0 – 10 levels).
2. Green color brightness (0 – 10 levels).
3. Blue color brightness (0 – 10 levels).
    Alarm Settings
4. Alarm mode: 1 – enable; 0 – disable.
5. Alarm start hour.
6. Alarm start minute.
    General Settings
7. Seconds dot modes. 0 — blinks once a second (default), 1 — permanently ON, 2 — permanently OFF.
8. Beep once per hour, on the hour. (0 — disable (default); 1 — enable).
9. Slot machine frequency (1 5. Value is the interval in minutes. 0 – disable).
10. Animate RGB LED lights (0 — disable; 1 — enable).

Time/Date Settings

11. 12/24 hour mode. (0 — 24h mode (default); 1 — 12h mode).

12. Set hours.

13. Set minutes.

14. Set month.

15. Set day.

16. Set year.

Sleep Settings

17. Set sleep starting hour – the clock displays ZZ:XX: **YY** (where **XX** is the value of the sleep start hour).

18. Set sleep ending hour – the clock displays ZZ:XX: **YY** (where **YY** is the value of the sleep end hour).

19. Timeout for motion sensor (options from 1-5) – sets delay time from ~1 minute and longer.

20. Activates built in motion sensor. (0 — disable (default); 1 — enable).

Setting the clock to sleep when not required can help to prolong the life of the Nixie tubes. The sleep feature works using 24 hour time values. For best results, the clock should also be set into 24H mode (menu option 12).

If you don't mind, please take your time and leave positive feedback for our eBay or Etsy store or visit our Facebook group here **https://www.facebook.com/NixieShop**. Your feedback is always appreciated and welcome.

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