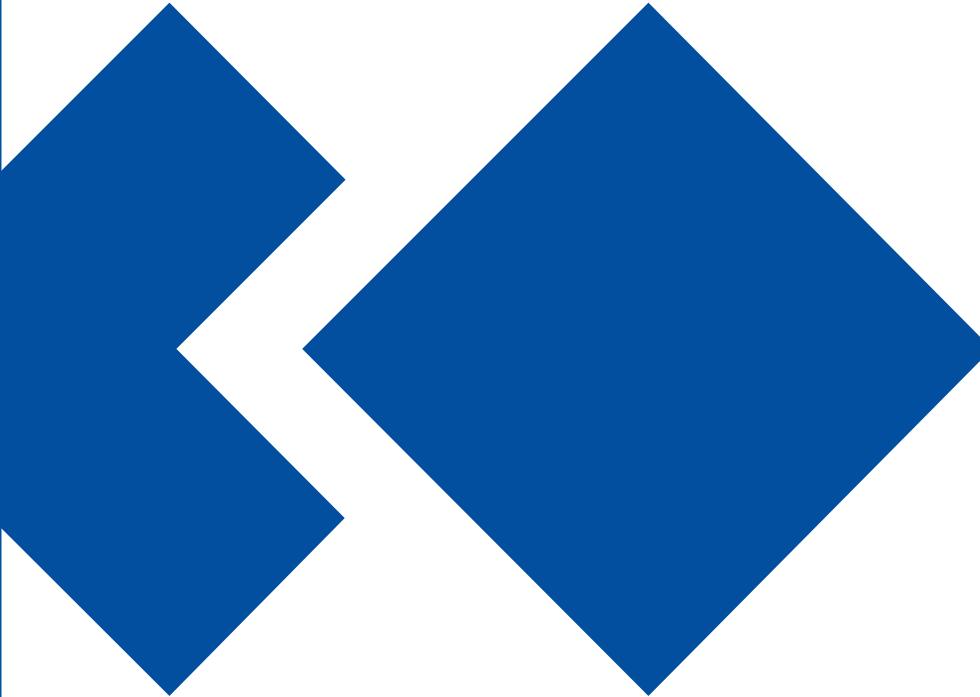


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Kronos Series 3

Quick Start Guide

Kronos Series 3

Thank you for purchasing a Kronos Series 3 clock.

This Quick Start Guide provides information on the included components as well as a quick start sequence. The Series 3 clock comes with a TNC antenna connector, and can be ordered with an optional F-type connector for connecting to existing antenna cabling in retrofit applications.

Installation and Configuration

1. Mount the Kronos Series 3 clock in the panel or rack.
2. If the clock has been ordered with the F-type connector, connect the existing antenna cabling to the F-connector and continue with step 6. Otherwise, continue with step 3.

Note: Connect either a TNC antenna or a F antenna, but not two antennas.

3. If you use a NovaTech antenna, continue at 4. If you use a third party TNC antenna, note that the antenna must be able to operate with 4.5V dc and 100mA supplied by the Kronos clock, and continue at 5.

4. Mount the antenna (Figure 1) on the mounting bracket (Figure 2). The mounting bracket can be bolted to a wall, or strapped to a pole.

5. Mount the antenna assembly with clear view of the sky. Make sure that TNC connector of the antenna is not exposed, and that water can drop off the antenna cable instead of following the cable into the cabinet or building.

6. Mount the surge arrester and connect it with the antenna cable to the clock, and with the 10' (3m) cable to the Kronos clock.

7. Connect an Ethernet cable between port A of the Kronos clock and the PC.

8. Power up the Kronos clock. The default IP address of port A of the clock is 192.168.0.1 with netmask 255.255.0.0 unless you have ordered the clock with a custom IP address. You can change the IP address of all ports as described in the Network Settings sections of the user manual or by using the rotary knob as described in section Change Using Front Rotary Knob.

Note: If a wrong IP address has been set by mistake, follow the reset procedure on the next page.

Product Packing List:

- Kronos Series 3 Clock
- Surge arrester and 10' (3m) coax cable
- Universal antenna (if ordered)
- Antenna cable (if ordered)
- Antenna mount (if ordered)
- F-type antenna connector (if ordered)

9. Open a web browser on your PC and enter the Kronos clock's IP address in the address bar. It is recommended to use a Chromium browser such as Chrome or Edge. Firefox can also be used but requires adding an exception as described on the clock's homepage. The clock's dashboard opens as shown in Figure 4.

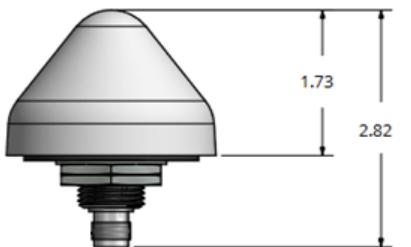


Figure 1: Antenna

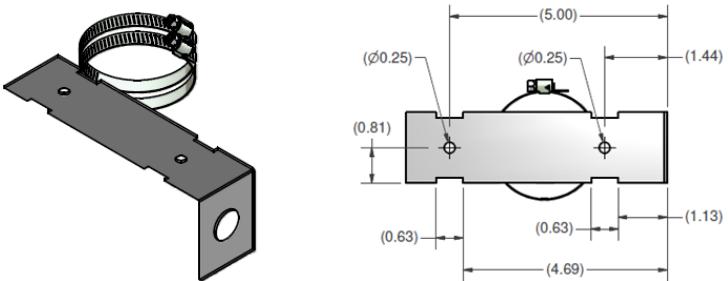


Figure 2: Antenna mount



Figure 3: IP address selection

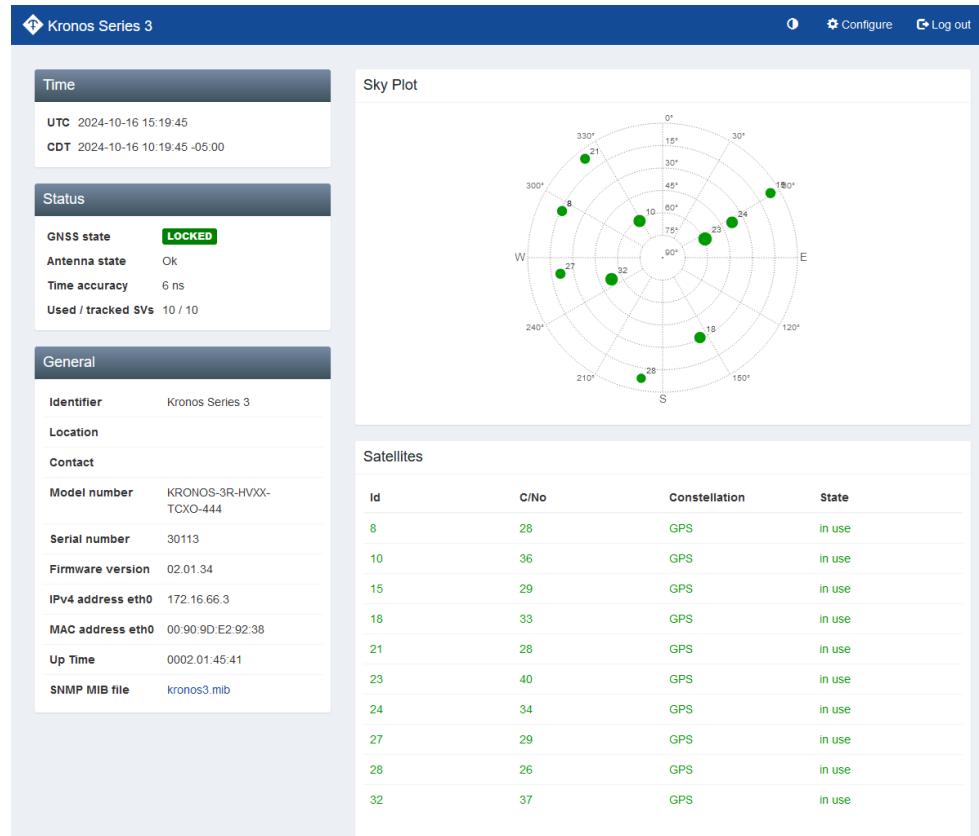


Figure 4: Kronos dashboard

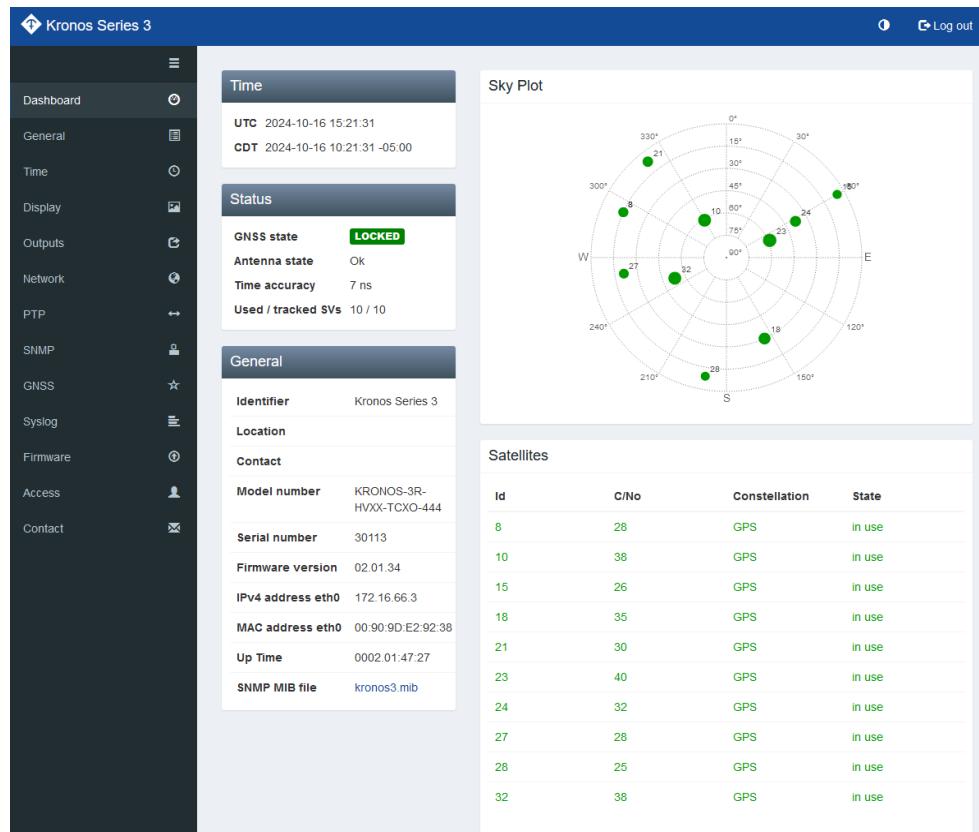


Figure 5: Kronos configuration dashboard

10. Click the "Configure" button on the upper right side. The default password is novatech.

11. In the "Time" section, configure the "Timezone" and "Daylight Saving Time".

12. If your clock has output cards, configure the cards in the "Outputs" section.

13. In the "Access" section, change the default passwords to secure passwords.

That's it. See the Kronos Series 3 User Manual for more information. It is available in the Community at www.novatechautomation.com/community. This page requires an account which you can request by clicking "Sign Up" on the lower left side.

For more assistance, please contact orion.support@novatechautomation.com.

Clock reset: You can wipe the clock's configuration and reset the clock to the factory default settings by pressing the reset button on the back of the clock labeled "Erase Config". Press the button until "Wipe cfg y/n" is shown on the display. Then confirm by pressing the rotary knob.