

How to configure test mode on a Tekron clock

Test mode can be used to simulate a clock in sync to GPS. This is useful to test the outputs of a clock before the clock is installed on site. If you have security enabled, your account requires administrator privileges to enable Test Mode.

Test mode should only be used for testing purposes and not be used as a primary reference source.

1. Connect to the clock using Tekron International's latest configuration tool.
 - a. Downloadable from [here](#)
2. In the clock tab press the "Configure" button in the bottom right of the clock tab

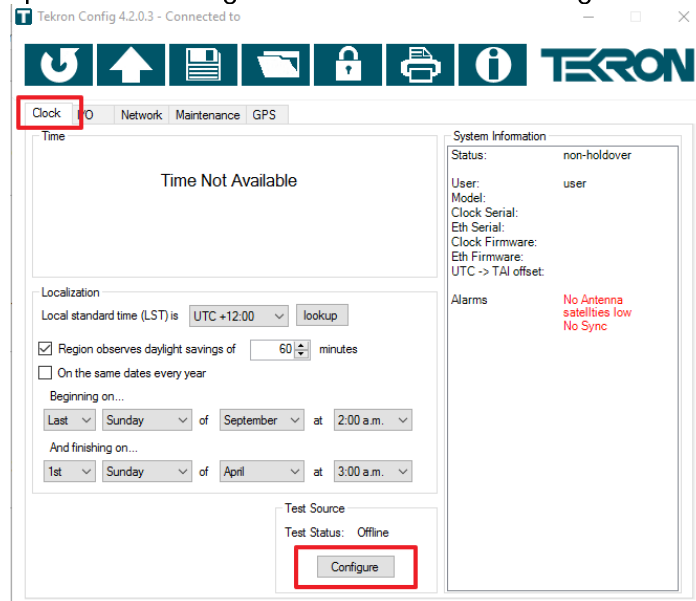


Figure 1. The location of the configure button for test mode

3. Select the time and date to set the clock.
 - a. Test mode defaults to the current PC time.
4. Press Set, the configuration tool will change to match Figure 2

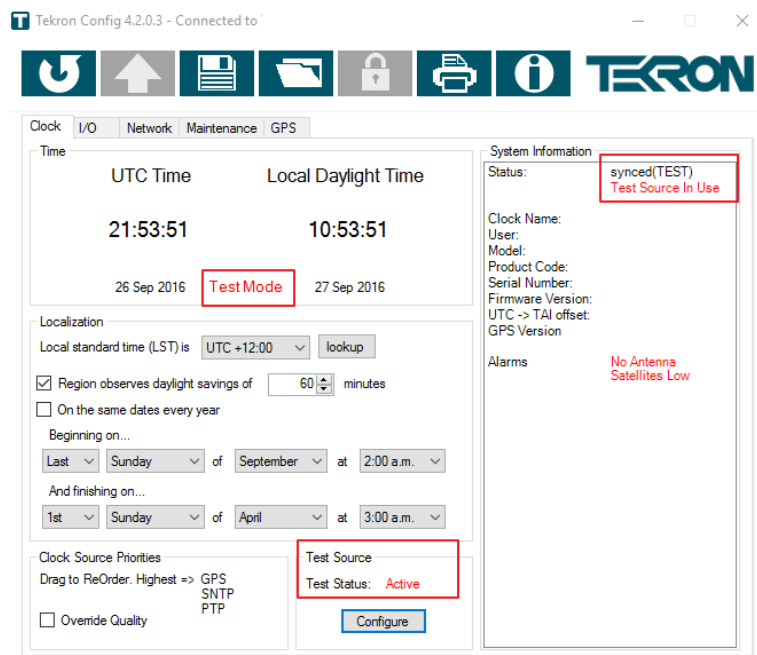


Figure 2. The Clock tab of the configuration tool when a clock is in test mode

5. Set the outputs to report the clock status as “in sync”
 - a. Navigate to the I/O page and press the radio buttons “Outputs always report “in sync” and “Sync relay is always on (Test Mode)”

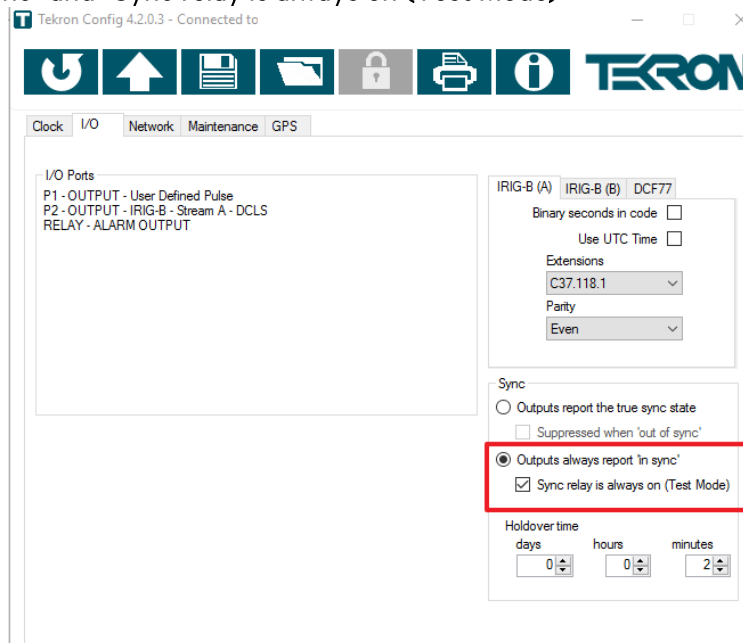


Figure 3. The final step is to set the outputs to report in sync

Turning off Test Mode

To turn off test mode, you need to power cycle the unit and uncheck the radio buttons “Outputs always report in sync” and “Sync relay is always on (Test Mode)” (See Figure 3).

Important to Note

- Firmware older than 3.13r (TCG G Series, NTS Series, TTM G Series) requires all other sync sources to be disabled to use the test source.