



“We Deliver Information at the Speed of Light”

WaveWare LED Clock Time-Synch Software

Overview:

Synchronizes LED Clocks from internet NTP time servers, and also updates host PC system time.

Requirements:

- LED Clock Time-Synch Software, Windows based, CD install, requires internet access and dedicated PC serial port.
- Requires a Windows 32 bit operating system and an internet connection.
- Optionally requires a free COM port for the LED clock network if you will be using an RS-232/RS-485 converter and attaching clocks to that RS-485 network.

Information:

- LED Clock Time-Synch software resides in the task tray and blinks to indicate it is alive.
- Right clicking the task tray icon gives the option of Exit or Cancel.
- Left clicking the task tray icon opens up the LED Clock Time-Synch software window.
- You can configure which COM port the software controls.
- You can configure the quantity of hours between synchronization events.
- You can configure if "logging to file" is enabled or not.
- You can configure a list of device servers to allow time synchronization of LED clocks through the Ethernet connection.

Additional Information:

Two different conditions can cause an LED clock time update event.

- 1) The normally scheduled time update cycle, ranging from 2 to 99 hours, or
- 2) A one or more hour rapid change in the PC system time, normally caused by the Windows Daylight Savings Time change event.

The software is designed to detect the rapid changes in PC time and cause an output to the clocks of the new PC time, without re-synching with the internet time server, as the internet time server may not have switched over yet to daylight savings time. Once the normally scheduled time update cycle event occurs, the software will then synch with the internet time server, and update the clocks.