

TITLE: INSTRUCTIONS FOR STAND-ALONE WI-FI CLOCKS		
INSTRUCTION SHEET: 3490	REVISION: 01	EFFECTIVE: 04-22-2026

First time setup (Initial Wi-Fi connection)

CLOCK OPERATION

1. Install two, new "AA" alkaline batteries. The second hand will start to move.
2. Press and hold the **[SET]** button for 3 to 10 seconds. The second hand will pause for one second, indicating the clock is initiated to connect to your Wi-Fi capable device. **Fig. 1**
3. Release the **[SET]** button. The three hands will begin advancing to the 12:00 position. During this time, the clock is now ready to be connected to your Wi-Fi capable device. Do not wait for the hands to rest at 12:00 before continuing. The configuration process should be completed within 5 minutes to avoid time-out.



CLOCK CONFIGURATION

1. Open the Wi-Fi page on your device and choose [1T510E_XXXX] from the available network options. **Fig. 2**
Note: (XXXX is a serial number which is unique for each clock.)
2. A new screen will appear. Select the "Configure WiFi" button. **Fig. 3**
Alternatively, enter 192.168.4.1 in a web browser.

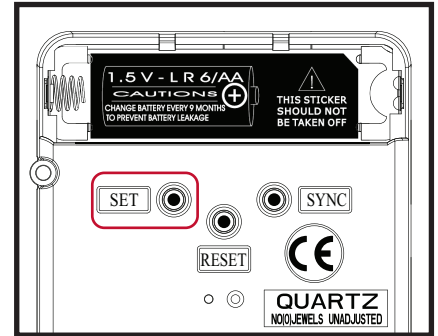


Fig. 1

Note: Selecting "Info" will display clock software/ firmware information.

Note: Selecting "Reset" will restore the clock to factory settings.

3. At the top of the next screen, scroll to select your Wi-Fi name (SSID) and enter the Password. **Fig. 4**
Note: The "scan" button will rescan for available networks.

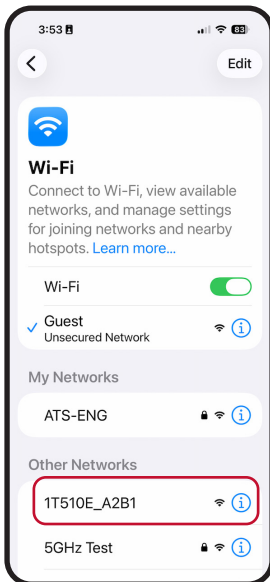


Fig. 2

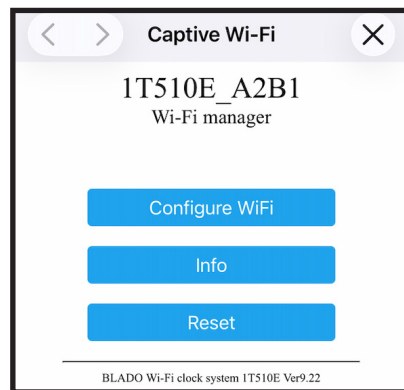


Fig. 3

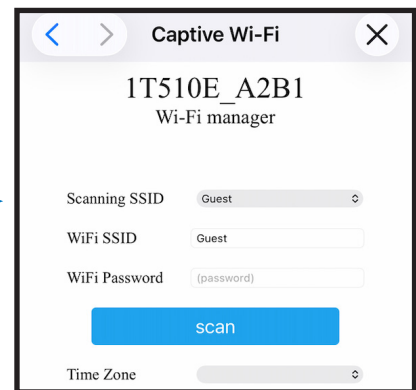


Fig. 4

4. Select your Time Zone. This will determine time and daylight saving time adjustment. **Fig. 5**
5. Set daily Reception time (network sync). **Fig. 6**
6. Set the time for Power saving mode (enter 00-23). This will hold the second hand at 12:00, between the selected times. **Fig. 7**

Note: To disable Power saving mode, enter identical numbers.

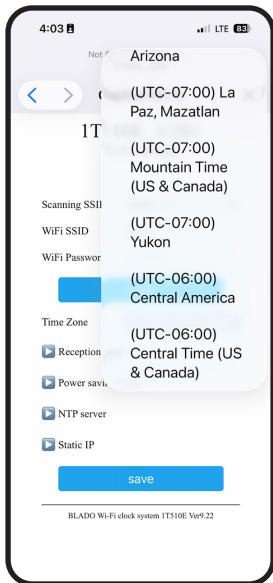


Fig. 5

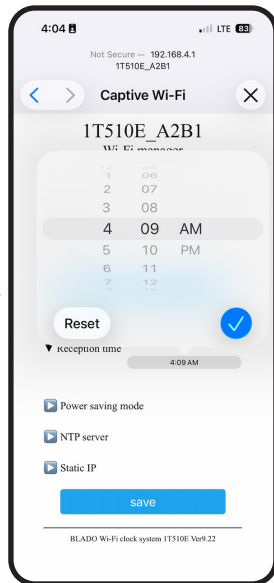


Fig. 6

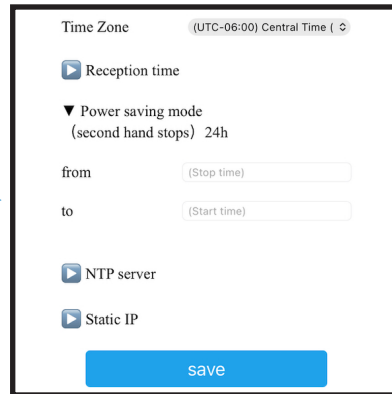


Fig. 7

7. Configure NTP server if desired. **Fig. 8**
8. Configure Static IP settings if desired. **Fig. 9**
9. Tap **save** to accept settings. **Fig. 9**

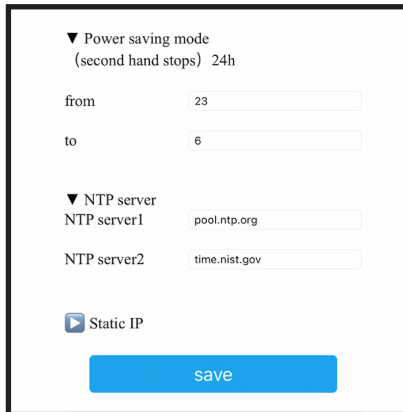


Fig. 8

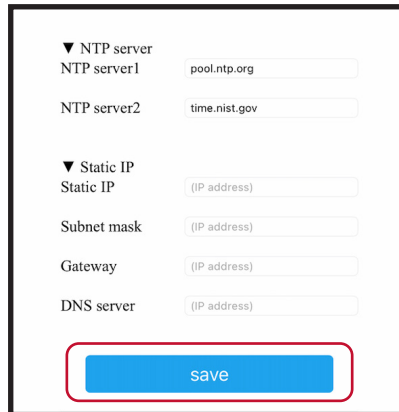


Fig. 9

When the setting is saved, close the window and wait for the clock to finish ZERO POSITIONING. If connection is done successfully, the hands should move rapidly to the correct time automatically.

If the clock fails to connect within 6 minutes, the second hand will move rapidly to the 6:00 position and stop. If this happens, return to CLOCK OPERATION, step 2., and validate settings.

Appendix

Changing Wi-Fi Reception Time or Time Interval for Power Saving Mode

CLOCK OPERATION

1. Press and hold the **[SET]** button for 3 to 10 seconds to enter Wi-Fi setting mode.
 - a. First, the second hand will go to the 12:00 position.
 - b. Next, the minute and hour hands will go to the 12:00 position.
2. See CLOCK CONFIGURATION, page 1.

Reset to Factory Default Setting (Failed Wi-Fi Router Connection/Reset Connection)

CLOCK OPERATION

1. Press **[RESET]** and immediately (within 3 seconds) press **[SET]** three times. The clock will begin repositioning to 12:00. The clock will then be reset to the factory default setting.
 - a. First, the second hand will go to the 12:00 position.
 - b. Next, the minute and hour hands will go to the 12:00 position.
2. See CLOCK CONFIGURATION, page 1.

Manual setting of time

1. While the clock is in normal time mode, holding the **[SET]** button for more than 10 seconds will cause the "HOUR & MINUTE" hands to fast forward. When the button is released, the HOUR & MINUTE hands will stop. In 6 seconds, every single push of the **[SET]** button will cause the minute hand move a minute forward.
2. When the time setting is done, leave it for 6 seconds. The clock will return to normal time mode.

Low battery indication

1. If the battery voltage falls below 2.6V during normal time running mode, the second hand will stop and remain at the 12:00 position. In this case, please replace the old batteries with two new "AA" alkaline batteries. Ensure that the positive and negative polarities are oriented correctly according to the indication shown in the battery compartment.
2. After replacing the batteries, there is no need to change the settings on the clock. It will automatically synchronize with the Wi-Fi router.

DST (Daylight Saving Time)

The movement will automatically switch to DST time according to the selected time zone.