

Daylight Savings Time (DST) (Menu 2)

The DST function can be programmed to operate in one of three modes: change automatically each year by “rolling calendar;” change automatically by a fixed date; or set inactive. By default, the CP-5000 is configured for DST to be active, using the rolling calendar mode and employing the expanded 2007 standard.

To program for DST, you must specify the date that the DST period will begin and end. The time change will occur at 2:00 am on the begin and end dates. At the DST Begin Date the time will increment by one hour, and at the DST End Date the time will decrement by one hour.

Note: To set the DST Begin Date and End Date you must cycle through the parameters for each item and save the data entered. The data entered will not be saved if you exit the Program Mode or press the **Function** key before completing the steps as described.

Note: When setting the Begin Date and End Date for DST, you must set those dates based upon the current year. This rule must be applied regardless of whether the current date is within the DST date span or not.

Automatic Adjustment Settings


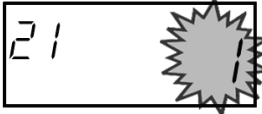
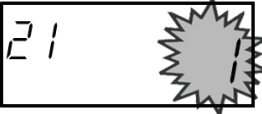


There are three items to be configured for Daylight Saving Time setup:

- Menu 2, Item 1
 - set to 0:* DST is disabled
 - set to 1:* DST employs a rolling calendar. Set the DST start date and end date once, and each year the correct DST change dates will auto-calculate based upon the initial year’s settings. Recommended.
 - Set to 2:* DST employs a fixed calendar. Set the DST start date and end date to this year’s dates, and each year that same date will be employed for the DST change dates. Not generally recommended.

- Menu 2, Item 2
Sets the DST start date's month and date.
- Menu 2, Item 3
Sets the DST end date's month and date.

Note: Setting the year is not necessary. If employing the rolling calendar (Menu 2, Item 1, option 1), the year is understood to be the current year and will be adjusted automatically into the future. If employing a fixed calendar (Menu 2, Item 1, option 2), the month and date are the same every year.

Programming DST (Menu 2, Items 1 – 3)

1. Remove the cover and enter the password. For password entry information, refer to section *Programming Password* on page 4-6. Upon correct password entry, the clock will enter the PROGRAM MODE. The **Year** menu item will automatically appear in the display.
 
2. Select the **Function** key until mode 21 (DST) appears.
 
3. Select the **Change** if a selection other than "1" (default) is desired. This is the rolling calendar option, and is the most common selection. Refer to Menu 2, Item 1 on page 4-9 for details regarding this option and others.
 
4. Select the **Enter** key twice. Mode 22 should appear and the month and date will appear. On this screen the start date for DST gets programmed. The month flashes.
 
5. Select the **Change** key until the correct month (1-12) appears for the *start* of DST. (For this example, programming for the year 2007 is shown. You must set the start date and end date for the current year, regardless of how far into the year's calendar when setting up DST. The rolling calendar function will adjust future years DST automatically based upon this initial setting.)
 

6. Select the **Enter** key, and now the date value flashes. Select the **Change** key until the correct date appears for the start of DST for the selected year.



7. Select **Enter** and the entire screen flashes. Select **Enter** again and Menu item 23 appears. In this menu the end date for DST can be programmed.



8. Select the **Change** key until the correct month (1-12) appears for the *end* of DST. (For this example, programming for the year 2007 is used.)



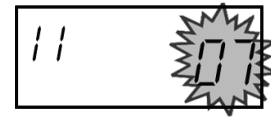
9. Select the **Enter** key, and now the date value flashes. Select the **Change** key until the correct date appears for the end of DST for the selected year.



10. Select **Enter** and the entire screen flashes. Select **Enter** again and the Save process is complete. The top cover may be returned to its normal position.

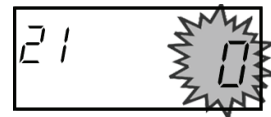
Disabling DST

1. Remove the cover and enter the password. For password entry information, refer to section *Password Entry Prior to Programming* on page 4-6. Upon correct password entry, the clock will enter the Program Mode. The **Year** menu item will automatically appear in the display.



2. Select the **Function** key until mode 21 (DST) appears.

3. Select the **Change** key once so that "0" is selected. This is the DST Disabled option.



4. Select the **Enter** key twice, then return the top cover. The DST function is now disabled.