

Daylight Saving Time (DST) for the Amano MJR-7000EZ and CINCI-8100 Time Clocks

The following information is effective for Year 2007 and later for U.S.-based time clocks

Note: The following DST changes are necessary because of the government-mandated change for new start and end date for all US states that observe the DST calendar beginning in 2007. Hawaii and Arizona will be the only states that do not observe DST after 2006.

About the DST Change:

From 1986 to 2006, DST started the first Sunday in April and ended the last Sunday in October.

Starting in 2007, DST starts the second Sunday in March and ends the first Sunday in November.

Your Amano Time Clock is hard-coded with the old DST calendar structure. A one-time firmware chip replacement will allow your clock to correctly set itself for the new DST structure for 2007 and each year thereafter.

For your reference, dates for DST change are as follows for the period of 2007 to 2011:

2007: March 11 - Nov. 4

2008: March 9 - Nov. 2

2009: March 8 - Nov. 1

2010: March 14 - Nov. 7

2011: March 13 - Nov. 6

Note that although the date is different each year, you need only change the firmware chip once for the change to take effect each year thereafter through the year 2099.

Hawaii and Arizona will be the only U.S. states that do not observe DST after 2006.

The Daylight Saving Time Function operates in the following manner:

- When 2:00 am comes on the first day of daylight saving time, the clock automatically gains one hour to show 3:00 am. (The clock will change from 1:59 am to 3:00 am for beginning of DST.)
- When 2:00 am comes on the last day of daylight saving time, the clock will automatically lose one hour and return to 1:00 am. (The clock will change from 1:59am to 1:00am for the end of DST.)

Overview of what is necessary to Set the MJR-7000EZ for DST Operation

To comply with the new DST dates, a service appointment is required to replace the existing chip with an updated version. The procedure is not intended for the user as it involves removal and installation of the main printed circuit board, along with sensitive electronic components mounted therein, with the use of special tools. Further, due to the longevity of these clocks and multiple iterations through the years, a process to first identify the model (familiar to experienced dealers) is needed to determine the appropriate chip.

To arrange your firmware replacement, go to the Amano website at <http://www.amano.com>, and click on **Dealer Locator**, enter your ZIP Code for the **Time Solutions Dealer Locator**, and click on the **Submit** button. Select the appropriate dealer from the dealer list provided.

However, if a dealer service call is unfeasible, we suggest that you return the clock to Amano for the update by first calling **1-800-526-2559**. Please note that any/all service is billable and shipping/handling charges may also apply.

Since Congress reserves the right to revert back to the previous DST schedule, it is recommended to save the original firmware for future re-installation in the clock if necessary. Instead of replacing the chip, one other option is to disable the automatic DST adjustment, per the operation manual instructions, and then manually reset the time after each Daylight Saving change.