Setting Daylight Savings Time (DST) Start and End Times for the Amano NS-5000/5100 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.

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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.

If you have not adjusted the DST start- and end-times for your time clock, proceed with the following instructions.

Your Amano Time Clock is programmed with the old DST calendar structure. A one-time customization change 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 start and end times 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.)

D.L.S. setting

This function permits setting the starting date/ending date of D.L.S. by Month, Date, or Week No. or Day of the Week, and also setting the starting time.

When the starting time/ending time of D.L.S. is set to 2:00, the clock advances to 3:00 when the time reaches 2:00 of the starting day, and returns to 1:00 when the time reaches 2:00 of the ending day.

When the starting month and day is equal to the ending month and day, the D.L.S. cannot function.

When the starting month and starting week No. are equal to the ending month and ending week No., the D.L.S. cannot function, either.

Note: The cover needs to be removed to get into programming.

● **Entering Month and Date**

Example : To set the starting date and time to 5:00 on the 15th of March.

[1] Selecting the setting item

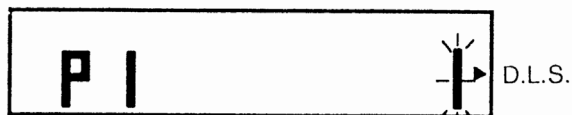Press the "+" or "−" button to adjust the blinking mark "▲" to D.L.S. Next, press the ENTER button.

| P I | 0 ► D.L.S. |

0: No D.L.S. function
1: Entry of month and date
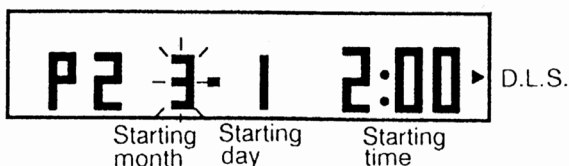2: Entry of week No. and day of the week

[2] Changing the set value

Selecting a mode (P1)

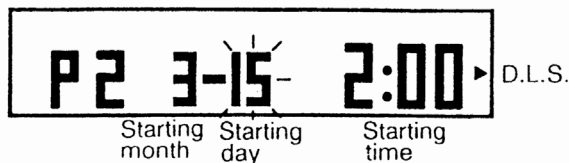Press the "+" or "−" button to select "1". Press the ENTER button to determine it.

| P I | 1 ► D.L.S. |

Changing the starting month (P2)

Press the "+" or "−" button to select "3". Press the ENTER button to determine it.

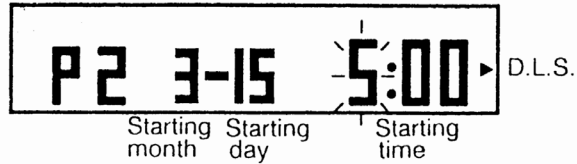| P2 3- 1 2:00 ► D.L.S. |

Starting month   Starting day   Starting time

Changing the starting day

Press the "+" or "−" button to select "15". Press the ENTER button to determine it.

| P2 3-15 2:00 ► D.L.S. |

Starting month   Starting day   Starting time

Changing the starting time
Press the "+" or "−" button to select "5:00". Press the ENTER button to determine it.

```
P2 3-15  5:00 ▸  D.L.S.
         Starting Starting    Starting
         month   day          time
```

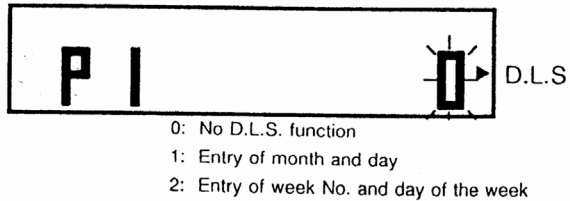**Changing the ending month, date and time (P3)**
Proceed to set the ending date of D.L.S. Set it by the same procedure as that for the starting date.

● Entering Week No. and Day of the Week

Example : To set the starting date and time to 5:00 of the 4th Friday of March.
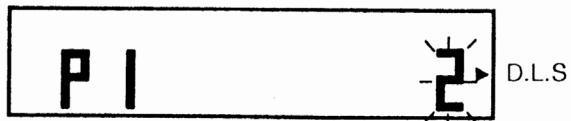
[1] Selecting the setting item
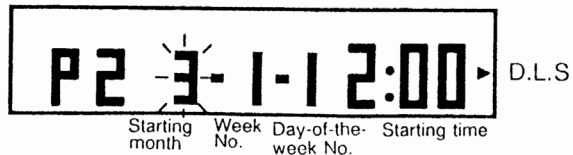Press the "+" or "−" button to adjust the blinking mark "▲" to D.L.S. Next, press the ENTER button.

```
P1              0 ▸  D.L.S
```

0: No D.L.S. function
1: Entry of month and day
2: Entry of week No. and day of the week

[2] Changing the set value

Selecting a mode (P1)
Press the "+" or "−" button to select "2". Press the ENTER button to determine it.

```
P1              2 ▸  D.L.S
```
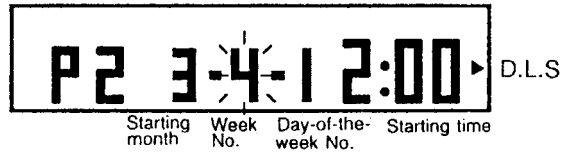
Changing the starting month (P2)
Press the "+" or "−" button to select "3". Press the ENTER button to determine it.

```
P2 3-1-1 2:00 ▸  D.L.S
   Starting Week Day-of-the-  Starting time
   month    No.  week No.
```

Changing the week No.

Press the "+" or "−" button
to select "4". Press the
ENTER button to
determine it.

```
P2  3-4-1 2:00▸  D.L.S
```
Starting month | Week No. | Day-of-the-week No. | Starting time
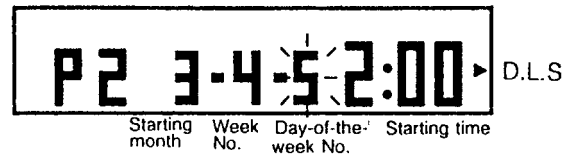
Changing the day-of-the-week No.

Press the "+" or "−" button
to select "5".

< Day-of-the-week No. >

1: Monday   2: Tuesday
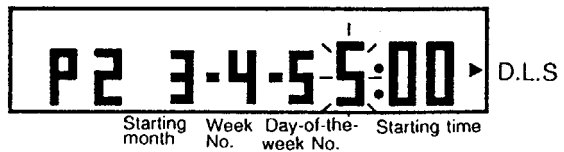3: Wednesday 4: Thursday
5: Friday   6: Saturday
7: Sunday

Press the ENTER button to
determine it.

```
P2  3-4-5 2:00▸  D.L.S
```
Starting month | Week No. | Day-of-the-week No. | Starting time

Changing the starting time

Press the "+" or "−" button
to select "5:00".
Press the ENTER button to
determine it.

```
P2  3-4-5 5:00▸  D.L.S
```
Starting month | Week No. | Day-of-the-week No. | Starting time

Changing the ending month, day and time (P3)

Proceed to set the ending
date of D.L.S. Set the
ending date by the same
procedure as that for the
starting date.