NOBO TIMERS

OPERATIONAL INSTRUCTIONS

TIMER OPERATION OF N4EU AND E4EU NOBO PANEL HEATERS

1 INITIAL OPERATION

1.1 The timer uses rechargeable batteries that need charging before the timer functions can work. Before attempting any programming and before the heater can be operated, plug it into a power point and turn it on using the O/I switch on the side (I is on, O is Off). Allow around 5 minutes for the initial charge.

1.2 Use a pointed object, such as a pen or pencil, to clear the memory by pushing the RST (RESET) button.

NOTE: The TIME button must be pressed and the OVERRIDE button switched to the ON mode before the heater will operate. The flashing two dots in the middle of the time display indicates clock is operating. The red light situated next to the DAY button, when illuminated, indicates heater is operating.

2 TIME SETTING

Before attempting to program the timer, ensure that the correct time is set as follows.
Please note that a 24hr timer is fitted to the heater. Thus 15:00 corresponds to 3:00 PM in the afternoon. Press and hold down the TIME button during the time setting procedure.

2.1 DAY
Press and hold down the TIME button and press the DAY button simultaneously to set the correct day. The day value increases by one by each push of the DAY button.

2.2 HOUR (HR)
Press and hold down the TIME button and press the HR button simultaneously to set the correct hour. The hour value increases by one by each push of the HR button.

2.3 MINUTE (MIN)
Press and hold down the TIME button and press the MIN button simultaneously. The minute value increases by one by each push of the MIN button.

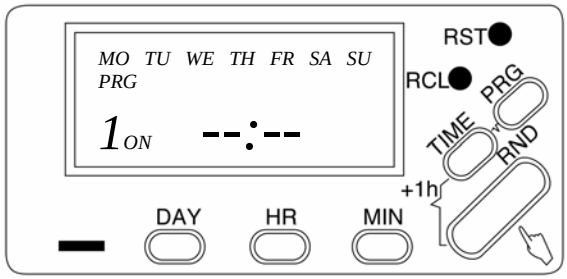
Once the correct time settings are made, stop pressing the time button.

NOTE: Holding down the DAY/HR/MIN buttons for more than two seconds will give a fast run through.

3 PROGRAMMING (PRG)

The timer allows you to program 6 ON/OFF time periods. To enter the program mode push the PRG button (do not hold it down).

The display will look as follows:



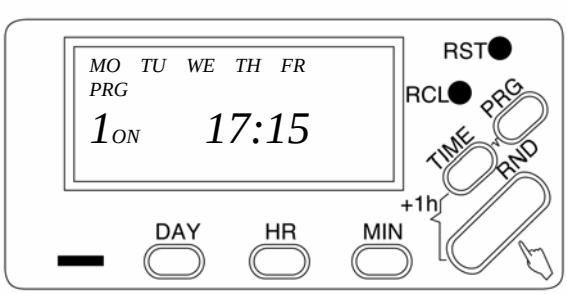
The timer is waiting for the first programmed ON instructions. Set the day(s) you require by pressing the DAY button.
Each push of the DAY button will cycle through the following options:

1. All 7 days of the week
2. Each separate day
3. Week days only
4. Weekend
5. Monday to Saturday
6. Monday, Wednesday, Friday
7. Tuesday, Thursday, Saturday

NOTE : Setting the heater to turn ON and OFF for one of the above options uses only one of the six ON/OFF program time periods available.

The day(s) that the timer will come on will be shown at the top of the display. Keep pushing the DAY button until you have selected the setting that you wish to use.

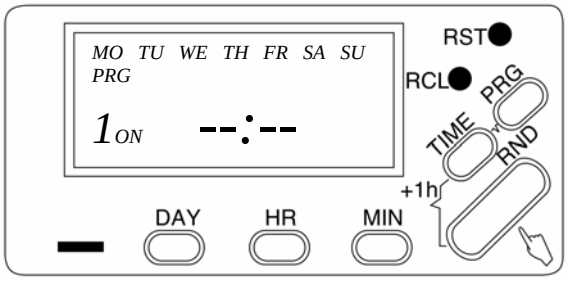
Next, set the time you wish the timer to switch on by pushing the HR and MIN buttons. This timer has a 24 Hour display. Remember, 13:00 corresponds to 1:00PM in the afternoon.



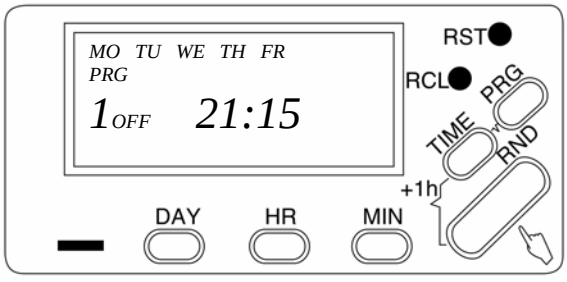
In the above example, the timer is set to switch on at 5:15pm every weekday.

Once you have set the time for the timer to switch ON, you must then set the time for it to switch OFF. Press the PRG button.

The display will now look as follows:



The timer is now waiting for the time that you want it to be switched off to be set. Set the OFF time in the same manner in which you set the ON cycle.



The above example shows the timer set to switch off 4 hours after it switched on every week day.

Once you have set the OFF time, you can continue to cycle through the remaining ON/OFF cycles by pushing the PRG button. The number of the Program (1-6) and ON or OFF times will be displayed on the screen. Set the times for other programs in the same way as described above. Push the TIME button once you have completed programming all the desired ON/OFF times.

If you wish to clear a program setting, push the RCL button using a ballpoint pen or sharp pencil. Pushing the RCL button again will reinstate the setting. Only the displayed setting will be affected.

4. OVERRIDE

Press the Override  button to set the timer to your desired operation mode. Each push of the button will cycle through the following settings which are shown on the display:

ON : Overrides all programming and switches the timer permanently on.

AUTO ON: The timer is switched ON and will be switched OFF at the next programmed OFF time.

OFF : All programming is overridden and the timer is switched permanently off.

AUTO OFF : Timer is switched off and will switch on at next programmed ON time.

NOTE : Heater can only be immediately manually turned on when the OVERRIDE button is in the ON position and not in any other position.. The red indicator button located near the DAY button will be illuminated when the heater is operating.

5 DAYLIGHT SAVING

The Daylight saving function allows you to reset the time when daylight saving begins. To change to daylight saving mode push and hold down the time button. The time will forward by one hour and a small “+1h” symbol will be displayed in the top right corner of the display.

Repeat the above procedure to return to normal time. The “+1h” symbol will disappear.

6 RANDOM (RND) FUNCTION

This function is not applicable to this timer

7 SKIP (RCL) FUNCTION

This function provides the possibility of overriding the programs in such a way that their ON or OFF time settings will not be affected. For example one or more programs may be overridden and all other programs left intact.

7.1 Press the PRG button several times to select the desirable program. Choose either ON or OFF times for each program or a mixture of both.

7.2 Press the RCL button for each program (ON or OFF time) that you wish to override. If the OFF time is overridden (skipped) the ON status will retain until the next program's OFF time is reached

7.3 Press the TIME button to return to normal operation mode.

Repeat the above steps to restore the original program times.

8 UNIT FAILURE

Contact your NOBO dealer for heater or timer replacement if the display remains blank after charging (after 5 minutes of turning on power to the heater), or fails to operate in any other way.

END