Theben 7-button Time Clock (TR 610 S)

For your own safety you should turn the power off to the ETS unit before opening the cover to reprogram the unit.

To program the timer follow the steps below. Since the buttons are small you may want to use a pointed object(s) like a pen or pencil to press the buttons.

Throughout the programming if there are approximately 40 seconds when no buttons are pushed, the display will automatically reset to normal operation. The time clock will default to the previous settings. The new information will have to be reprogrammed.

On the right side of the display there is the number 1. Inside on the display a special character will show. One is a "c", the other is a "c" with a bar inside. The "c" symbol indicates the start of an on-peak period, the "c-" indicates the start of an off-peak period.

1. Clear the existing charge (ON) and control (OFF) cycles by pressing the "Prog" button. Then press the "d", "h" and "m" buttons simultaneously. The display should show --:-- c-
2. Select the days (1=Mon…7=Sun) for the control cycle by pressing the "d" button. An inverted triangle indicator will flash above day 1. Stop the flashing by pressing the "Prog" button and the triangle will stop flashing. Press the "d" button and the arrow will move to day 2. Continue to select each day (1…7) by pressing the "d" and "Prog" buttons. All 7 days should show the solid inverted triangle above them at the end of this step
3. Set the start time at 22:00 by pressing the "h" button. Press "Prog" to enter this cycle. The display should then show --:-- c-.
4. Press "C1" to change the display at the right to a "c" (on-peak).
5. Select the days (1=Mon…7=Sun) for the control cycle by pressing the "d" button and the "Prog" button. Select each day (1…7) .
6. Set the start time at 06:00 by pressing the "h" button. Press "Prog" to enter this cycle. The display should then show 0:00 "c-".
7. Select the days (1=Mon…7=Sun) for the control cycle by pressing the "d" button and the "Prog" button. Select each day (1…7)
8. Set the start time at 11:00 by pressing the "h" button. Press "Prog" to enter this cycle. The display should then show 0:00 "c-".
9. Press "C1" to change the display at the right to a "c"(on-peak).
10. Select the days (1=Mon…7=Sun) for the control cycle by pressing the "d" button and the "Prog" button. Select each day (1…7)
11. Set the start time at 17:00 by pressing the "h" button. Press "Prog" to enter this cycle. The display should then show 0:00 c-.
12. Press the "Prog" button until the display reads "End".
13. Press the "clock face" button to return to normal operation
14. Check the program settings by pressing the "Prog" button. Press "Prog" to page through each cycle. You should have the following times and control indications with all 7 days having a dark triangle indicating control cycles for that day. Press the "clock face" after the check to return to normal operation.
    a. 22:00 c- (off-peak)
    b. 06:00 c   (on-peak
    c. 11:00 c- (off-peak)
    d. 17:00 c   (on-peak)
15. Turn the power back on at the circuit breaker panel.
16. Have a beverage of your choice. YOU'RE DONE, and you've earned it.