Instructions for X-10 Time Clock Transmitter
120 VAC 60 Hz ONLY

The Time Clock Transmitter provides full automatic control for 8 of the 256 X-10 addresses. It will accept two distinct on/off cycles per 24 hours down to a minimum interval of one minute according to any time table you select without any operator intervention. After you enter the desired on/off cycles, the Time Clock Transmitter faithfully maintains your schedule indefinitely with no need for further operator attention until you give it new instructions.

On the right edge of the CONSOLE is the RED LETTER CODE DIAL. You may choose any LETTER CODE from A to P for those 8 addresses you wish to cycle automatically BUT ALL 8 LOADS TO BE CONTROLLED AUTOMATICALLY MUST BE IN THE SAME LETTER CODE GROUP.

Set the 1-8/9-16 UNIT CODE SELECTOR on the bottom of the Time Clock Transmitter. When only one Programmable Controller is used, select 1-8. If 1-8 is selected, the UNIT CODE SELECTOR (a) will address those modules in the LETTER CODE GROUP you chose for programmed control with their black UNIT CODE Dials set from I through 8, When a second Programmable Controller is used on the same letter code, 9-16 is chosen instead, and the UNIT CODE SELECTOR (a) will address those Modules in your System numbered from 9 through 16 with 1 on the UNIT CODE SELECTOR becoming 9; 2 becomes 10; 3 becomes 11, and so on to 16.

At the upper left of the MEMORY INPUT CONSOLE is the UNIT CODE SELECTOR (a). This is a slide cursor with nine positions: TIME OF DAY and the Unit Codes 1-8, When the UNIT CODE SELECTOR is in the TIME OF DAY position, the digital display functions as a clock. When the UNIT CODE SELECTOR is positioned at a stop from 1 to 8, the Module with the corresponding number can be scheduled for its on/off cycle(s). The digital display will no longer show the time of day in this position. It will show the times scheduled for the ON/OFF cycle of the Module with the selected unit code. If no ON/OFF cycle has been programmed for the Module with the selected unit code, the digital display reads AM0:0.

The UNIT ON/OFF SELECTOR (b) is used to select whether the time information being entered (as described later) is the "ON" time or "OFF" time for the light fixture(s) or electrical equipment being scheduled.

The FAST/SLOW SET TIME KEYS (c) are used to set the correct time for the digital display in the clock mode, and also to set the times for the automatic on/off cycles for controlled loads.

The PROGRAM COMMAND KEYS (d) are at the lower left of the keyboard. They enter information established by the previous keys (a), (b) and (c)) into the Programmable Controller's memory.

DAILY   Pressing DAILY when programming on/off cycle(s)
      instructs the Controller to repeat the scheduled on/off cycle(s)
      very day indefinitely at precisely the times you choose.

ONCE   Pressing ONCE when programming on/off cycle(s)
      instructs the Time Clock Transmitter to turn the
      desired Module on and off only one time during the
      day on which it is programmed and then it erases
      that information from memory.

SECURITY Pressing SECURITY when programming on/off cycle(s)
      instructs the Controller to repeat the scheduled cycle(s) every
      day indefinitely, as when "DAILY" is pressed, but the selected
      light fixtures or other controlled loads will be automatically
      turned on at random times within 30 minutes of the times you
      choose. This feature can be used to prevent lights from going on
      precisely the same instant day in and day out, thereby giving an
      occupied look.

HR DELAY With the UNIT CODE SELECTOR (a) set from 1 through
      8, pressing DELAY will turn on the correspondingly
      numbered controlled load for one hour, and automatically turn
      it off at the end of the sixty minutes.

FALKNER ENTERPRISES
OF AMERICA, INC.
312 RIVER ST.
SABULA, IOWA, 52070

319-687-2479

The CLEAR KEY (e) is used to erase times programmed for existing on/off cycles for individual unit codes to make room in the Controller's memory for a new schedule of on/off cycles. For instance, if the UNIT CODE SELECTOR (a) is set at "3" and you press "CLEAR", the scheduling information relative to "3" is erased, while remaining unit codes are unaffected.

The DISPLAY LEVEL SELECTOR is at the lower right of the MEMORY INPUT CONSOLE. It Chooses LOW or HIGH light levels for the Programmer's digital display.

Please allow 16 hours for the NiCad Battery back-up to fully charge.

For those with the necessary experience and desire to tinker.... You can add the ALL ON and ALL OFF function. Be sure to unplug the unit. The switches for these two functions are under the thin plastic face plate just to the right of the CLEAR button. Remove the back and use a knife to cut out the plastic to reveal the dome switches.
You will need to whittle up some plastic or something non-conductive to use as buttons to activate these as this device has a hot chassis. Heed this least ye be shocked ALL ON or ALL OFF.