

TORK[®] nsi
INDUSTRIES
INSTRUCTION MANUAL

CLOCK OPERATED SWITCH
UL US
LISTED 469D

DIGITAL TIME SWITCH
E201B

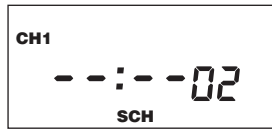


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888.500.4598

TORK

4.1 SETTING HOURS AND MINUTES

Press **HOURL** and **MIN** to set desired time. Press **EVENT** to set desired event (ON/OFF) and then press **ENTER**. The display will show:



Follow the same procedures above to set more schedule entries for CH1. Press CH1/CH2 key to program schedule for CH2.

5.0 REVIEW, MODIFY AND DELETE

Press **MODE** to advance to any of the following MODES:

1. CLOCK MODE: Press **HOURL** and **MIN** to modify existing settings. Press **ENTER**.
2. DATE MODE: Press **MONTH**, **DATE** and **YEAR** to modify existing settings. Press **ENTER**. DAY is automatically adjusted.
3. DST Daylight Saving Time: To review press **ENTER**. To modify press **MONTH**, **DATE** and **DAY** to change existing setting. Press **ENTER**.
4. SCHEDULE MODE: Press **HOURL**, **MIN** and **EVENT** to modify time settings. Press **DEL** to delete. Press **ENTER** after each modification.
5. RUN MODE: The time, day, seconds, the load status and AUTO is displayed.

6.0 OVERRIDE

OVR1/OVR2 is effective in the **AUTO mode** and the **manual mode**. **OVR** on the AUTO mode is effective until the next event. **OVR** on the manual mode is effective indefinitely.

PROGRAMMING YOUR E201B

NOTE: AFTER MAKING ANY CHANGES TO THE PROGRAM, PRESS **MODE** TO GO TO RUN MODE AND THEN PRESS **EVENT** TO UPDATE THE LOAD STATUS.

AT POWER UP:

When powering up the unit for the first time, 12:00 will flash on the display. **NOTE:** Allow 1-2 minutes for the supercap to charge before any display is shown. Press reset button after 2 minutes if screen is blank.



1.0 TO SET CLOCK

Press **HOURL** and **MIN** to advance to the present hour and mins. Check AM/PM, and press **ENTER**.

1.1 TO MODIFY CLOCK

Press **MODE** until the display shows: CLK. Press **HOURL** and **MIN**. to modify clock and press **ENTER**.

2.0 TO SET DATE

If you are setting for the first time, display will show:



KEY FUNCTIONS:

Unit should be program with AC power. Do not program on super cap back up power.

Mode: Press to go to the next mode.

Enter: Stores or saves current entry.

DAY/YEAR:

- Press to set the year in the DATE mode.
- Selects the desired day of the week in the DST (Daylight Savings Time) mode.

CH1/CH2/OVR1:

- Press to change the load status in the AUTO (automatic) and the MAN (manual) mode for CH1.
- Press to select the channel during schedule programming.

DEL/PREV/OVR2:

- Press to delete the displayed entry.
- Decrement the last selected entry.
- Press to change the load status in the AUTO and manual mode for CH2.

HOUR/MONTH:

- Press to set hour in CLK (clock) mode and the SCH (schedule) mode.
- Press to set month in the DATE mode and DST (Daylight Savings Time) mode.

MINUTE/DATE:

- Press to set minutes in CLK (clock) mode and SCH (schedule) mode.
- Press to set date in the DATE mode.
- Press to select the week of the month in DST (Daylight Savings Time).

ENTER:

- Press to store the displayed information into memory.
Information will not be stored until the ENTER key is pressed.

Note: During settings, each press of the key will advance one number. For rapid advance hold key in.

EVENT:

- Press to select ON/OFF in the schedule.
- Press to update the load status In the AUTO (automatic) mode.

7.0 NOTES:

- MAN mode: Under this mode the unit disregards the settings in the schedule mode and remains in its manually set status ON or OFF.
NOTE: To resume regular schedule execution press the mode key to return to **AUTO** mode.
- Unit will go to RUN MODE automatically (except on the MAN mode) if no key is pressed for five minutes.
- Clear all memory. All memory can be cleared using the following procedure: While in the RUN mode, press **ENTER**, display will show:



Use **EVENT** key to display:



Now press **ENTER** briefly and everything in the timer memory will be erased, including real time and date. **NOTE:** Unit has permanent memory and will not be erased unless done through procedure above.

- Upon powering up your E201B the display will at what frequency the unit is operating, 50 will determine 50Hz or 60 for 60 Hz. **NOTE:** while in the AUTO mode, if AC power is absent, the display will show a PF (power failure) instead of the seconds scrolling up.
- A "Lo" on the display indicates that the super cap has run low and the unit needs to be powered with AC. A minimum of 8 hours is required to fully charge the super cap.

- 8.0 USE AS MOMENTARTY UNIT.** This unit can also be field converted to be used as momentary unit. To make this conversion, remove jumper in back of the unit. Reset the unit by inserting a small pin or paper clip into the small hole next to the **EVENT** key and re-setting the clock and date.

Press **MONTH**, **DATE**, and **YEAR** key to advance to the desired Month, date and year, then press **ENTER**.

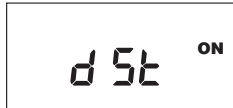
NOTE: The day of the week will be automatically set once the date is set.

2.1 TO MODIFY DATE

Press **MODE** until the display shows DATE. Press **MONTH**, **DATE** and **YEAR** to modify present settings and then press **ENTER**.

3.0 DAYLIGHT SAVING TIME

After setting or modifying the date, display will show:



For standard USA daylight savings (DSt), press **MODE** then go to step 4.0. For dates other than standard USA dates, press **MONTH** and go to step 3.1. If daylight saving time (DSt) is NOT required, press **DEL** display will show:



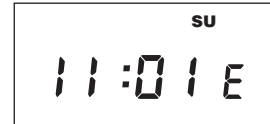
Press **ENTER** then go to step 4.0.

3.1 TO MODIFY STANDARD USA DAYLIGHT SAVINGS DATES



Press **MONTH** and **DATE**, to modify S (starting) DST settings. **NOTE:** **DATE** will choose the week of the month to be assigned. Choices are 01 (1st), 02 (2nd), 03 (3rd) or L (Last) week of the month. The default day in SU (Sunday). Pressing **DAY** changes default day. **EXAMPLE:** 04:01 SU S represents the first Sunday in April.

Press **ENTER** and the display will show:



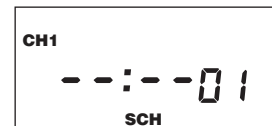
Press **MONTH** and **DATE**, to modify E (ending) DST settings. **NOTE:** **DATE** will choose the week of the month to be assigned. Choices are 01 (1st), 02 (2nd), 03 (3rd) or L (Last) week of the month. The default day is SU (Sunday). Pressing **DAY** changes default day. **EXAMPLE:** 10:L SU E represents last Sunday in October.

Press **ENTER** and the display will show the modified DSt starting date.

Press **MODE** to go to step 4.0.

4.0 SCHEDULE SET MODE

Press **MODE** until display shows:



4.1 Press **CH1/CH2** key to select the channel. Do not press CH1/CH2 if you are programming for CH1.

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