

# TORK EW101A/EW103A/EW120A

## 7 Day Digital Time Switch

**READ INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL TIME SWITCH**

**SEE WARNING ON BACK PAGE** - Failure to comply with instructions could result in personal injury and/or property damage.

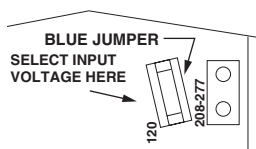
### INSTALLATION

UNIT IS TO BE INSTALLED BY A LICENSED ELECTRICIAN

1. To remove unit from enclosure: Push tab on right to swing unit to the left and remove.

2. Before installing and wiring, proper jumper position must be selected as follows:

**CAUTION: CLOCK VOLTAGE SELECTION** – The unit's input voltage is field selectable but factory set to 120VAC. If 208-277VAC is required, pull blue jumper behind the circuit board on lower right rear side of unit (under transformer) from the 120 position and install in the 208-277 position. Failure to properly configure the jumper will result in damage to the unit and void the warranty.



3. Mount the enclosure at eye level using screws or other suitable fastening device. Bring supply and load wires in through bottom or side knockouts. **DO NOT USE TOP.**

4. Install 9 volt alkaline or lithium battery (not supplied) by sliding battery cover (located on top of front panel) in direction of arrow and

removing. Carefully remove the battery connector and attach to battery. Insert battery into provided space. Reinstall battery cover.

Note: Unit can be fully programmed using battery power only but should be connected to AC power immediately after in order to save battery life.

5. Reinstall unit by reversing step #1 above and connect wires to unit as per suggested wiring diagrams. See illustration and warning on back page.

### KEY FUNCTIONS

**DAY:** Press to select proper day of the week in the CLK (clock) mode and the SCH (schedule) mode.

**HOUR:** Press to set the hours in the CLK mode and in the SCH (schedule) mode.

**MIN:** Press to set the minutes in the CLK mode and in the SCH mode.

**OVERRIDE:** Press to alter the current load status (operates in both AUTO and MAN modes).

**MODE:** Press to advance to next mode. Sequence is: CLK, SCH, AUTO, MAN. In the CLK and SCH modes, UNIT AUTOMATICALLY REVERTS TO THE AUTO MODE IF NO ENTRIES ARE MADE FOR 5 MINUTES.

**DELETE:** Press to delete the displayed information when in the SCH mode.

**ON/OFF:** Press to assign ON or OFF events.

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

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

## **TO SET CLOCK**

Press MODE key until display shows CLK.

Press DAY key to select current day. Press HOUR key to select current hour. Check A (AM) or P (PM). Press MIN key to select current minute. Press ENTER key and the clock is set for current time and day.

## **TO SET SCHEDULE**

For convenience, write out your desired schedule on a separate paper.

If display does not show SCH, press mode key until display shows SCH.

The display will indicate it is ready to receive SCH setpoint #1.

Press DAY key to set day(s).

Note: The following is a listing of the sets of days which can be set:

1. M, T, W, TH, F
2. S, SU (Saturday and Sunday only)
3. M, T, W, TH, F, S, SU
4. Individual days: M or T or W or TH or F or S or SU

Press HOUR and MIN keys (check for AM or PM). Press ON/OFF key for appropriate event.

Press ENTER key to store the information and display will indicate it is ready to receive SCH setpoint #2.

Proceed for up to 14 setpoints. Then press MODE key and unit will go to the AUTO (run) mode.

In the AUTO mode, the unit will display current time and day as well as load status (ON and OFF).

Note: When the unit is returned to the auto mode, check the load status of the current setting. If it is showing OFF but should be ON, press the override key. The unit will correct itself at the next scheduled event and no further alteration will be necessary.

## **REVIEW/MODIFY**

### **1. CLOCK - ALTER TIME**

Press mode key until display shows CLK.

Press DAY, HOUR, and MIN keys to change to the correct time. Press ENTER.

### **2. SCHEDULE - REVIEW**

Press mode key until display shows SCH.

Press ENTER key repeatedly to review all the scheduled entries.

### **3. SCHEDULE - MODIFY**

During the review (see previous section) any setpoint can be modified or deleted. Use the HOUR, MIN and DAY keys to modify. Use the DELETE key to eliminate that event. Press ENTER key after each modification.

## **OVERRIDE - TEMPORARY**

In order to temporarily change the current ON or OFF status of a load, simply press the override key when the unit is in the AUTO mode. The altered load status will flash. Override is in effect until the next scheduled event. In order to cancel the override, press override key again.

## **OVERRIDE - LONG TERM**

Press mode key until display shows MAN (manual). Normal schedule will not be executed and the load status will remain unchanged as indicated. Press the OVERRIDE key to obtain the correct status or to alter the load status.