

# TORK® <http://waterheatertimer.org/Tork-consumer-timers-and-manuals.html>

## 7 DAY DIGITAL OUTDOOR TIMER

MODEL#: **631D**



DESCRIPTION:

7 DAY DIGITAL OUTDOOR TIMER

CONTACT RATINGS:

120VAC/60Hz: 15A RESISTIVE & GENERAL PURPOSE; 1000W TUNGSTEN; 8A BALLAST

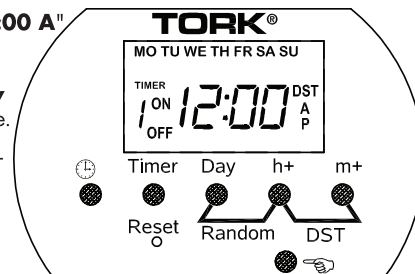
### PROGRAMMING AND OPERATING THE TIMER

1. Plug the line cord into the 120VAC receptacle.
2. If the unit fails to respond within a few seconds, push the **Reset** button. The unit will display a flashing "12:00 A" along with the day (**MO**).
3. To set the time, press and hold the button.
4. Press the **h+** button to set the time in hours, and press the **m+** button to set the time in minutes. Press the **Day** button to set the day of the week. When you've set the correct time, release the button. The unit is now keeping time.

#### To Adjust Daylight Saving Time (Twice A Year)

1. If you want to move the clock forward one hour, press both the **h+** and **m+** buttons simultaneously. The DST segment on the LCD will become visible, to demonstrate that you are in the Daylight Saving Time Mode.
2. To go back to the standard time in the fall, press the **h+** and **m+** buttons simultaneously again. The DST segment on the LCD will turn off.

631D with door opened



**PROGRAMMING** The 631D memory can hold up to 7 programs. Each program consists of 2 events, an ON time and an OFF time. The events can be set up to execute on a daily basis or on a combination of days.

1. Press the **Timer** button. The display will show the following:
2. As in setting the time, you use the **h+** and **m+** buttons to set the time of day that the event will occur. Press the **Day** button to select the day(s) of the week in which you would like the switch to turn ON. Along with individual day schedules, you can also set the switch to operate on the following schedules, in order:  
MO-SU, MO, TU, WE, TH, FR, SA, SU,  
MO-FR, SA-SU, MO-SA,  
MO+WE+FR, TU+TH+SA MO-WE, TH-SA, (and then back to all days)
3. Press the **Timer** button again. This will store the program, and allow you to program the OFF event. As before, the display will show the number **1** (Timer 1) and "**--:--**", but now the word OFF replaces the ON seen earlier. You can set the OFF time the same way the ON time was set. Pressing the **Timer** button will store this event, and allow you to program the second ON event. You can program up to seven (7) ON and OFF events this way.

#### REVIEWING, EDITING OR DELETING PROGRAMS

##### To review all programs:

1. Press the **Timer** button.  
The LCD will display the first event, the "Timer 1 ON" event.
2. Each successive press of the **Timer** button will display the next program, alternating ON and OFF schedules.

##### To Delete a program:

There are two ways to prevent a program from happening; you can either erase it, or hide it. **To erase an event**, press the **h+** and **m+** buttons to advance the event time past 11PM and 59 minutes. Pressing the **h+** button when the event time is set for 11PM will change the display to "--:00" Pressing the **m+** button past 59 minutes will change the display to "--:--".

**To hide an event:** 1. Use the **Timer** button until the LCD displays the schedule you want to delete.

2. Press the button: the LCD time display will change the following:  
The unit will no longer switch the load at that time. To reactivate the schedule, press the button again. The earlier selected event time will be displayed once more.

##### To Edit a program:

1. Use the **Timer** button until the LCD displays the schedule you want to edit.
2. Use the **h+**, **m+** and **Day** buttons as earlier to change the desired time or day.
3. Press the **Timer** button to store the revised schedule and display the next.

#### MANUAL OVERRIDE SWITCH

To Manually override the load status:  
When not setting the time, or programming a schedule, press the button: The load will change from ON to OFF, or from OFF to ON. The LCD display will change to show the load is ON or OFF. The load will remain ON or OFF until the next scheduled event.

#### RANDOM ON/OFF TIMES

This feature allows you to change the actual switching times of previously programmed ON and OFF events by up to 30 minutes before, or after their original programming. This gives your lights a "lived-in" feel, providing added security.

1. To engage Random mode, press both the **Day** and **h+** buttons simultaneously. The **TIMER** segment on the LCD will blink, to demonstrate that you are in the Random Mode.
2. To go back to the regularly scheduled settings, press the **Day** and **h+** buttons simultaneously again. The **TIMER** segment on the LCD will no longer be displayed.

**ONE YEAR LIMITED WARRANTY:** If this product fails because of a manufacturing defect within one year after purchase, we will, at our option, either repair or replace it at no charge. Our warranty does not cover damage caused by accident, abuse or misuse. We assume no further liability with respect to the sale or use of this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY. We make no warranty with respect to the fitness of any goods for the users particular application. This warranty gives you specific legal rights, and you also may have other rights which vary from state to state.

It is our intent to provide accurate and current specification information. However, in the interest of product improvement, TORK may alter the specifications or constructional details without prior notice.