

# TORK<sup>®</sup> nsi

# 458Z

## Indoor 7 Day Digital Timer Instruction Sheet

Before initial use, plug the timer in for at least 30 minutes to charge the internal battery. After the screen displays, the unit is ready for programming.

The LCD display might turn off after a long time without use. Plug the timer into an outlet once every 3 months to keep the battery charged.

1. Plug the timer into an AC outlet.
2. In case of a display failure, press RESET button to restart the timer.
3. Unplug the timer from AC outlet for setting.

### 1. Button Layout

1. Time - Setting the Clock
2. Resume - Erase Program
3. Mode - Choose Different Mode
4. Program - Setting Program
5. (+) - Adjust UP
6. (-) - Adjust DOWN



### 2. Setting The Clock

1. Press the Time button to set the current year.  
Press "+" or "-" button to adjust the flashing number from 2013 to 2099.
2. Press the Time button again to set the month.  
Press "+" or "-" to adjust the number from 01 to 12.



3. Press the Time button again to set the date.  
Press "+" or "-" button to adjust the number.  
The maximum date will depend on which month you choose.



4. Press the Time button again to set the Day Light Savings Time (DST) function.  
Press "+" or "-" to setting AUTO mode or OFF mode.

When DST setting is on AUTO:

Timer schedule will automatically move ahead 1 hour on the Sunday of the second week in March at 02:00 am every year.

The timer will automatically adjust back 1 hour on the Sunday of the first week in November at 02:00 am every year.



5. Press the Time button again to set the hour.  
Press "+" or "-" to adjust the number from 12AM-11AM to 12PM-11PM.

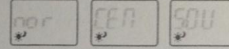


6. Press the Time button again to set the minutes.  
Press "+" or "-" to adjust the number from 00 to 59.

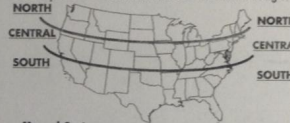
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7. Press the Time button again to set the Acronomic function.  
Press button "+" or "-" to adjust three different areas to your current location.

1. NORTH: 2. CENTRAL: 3. SOUTH:



The map below will determine what zone the timer is being used.



Once the zone is determined the time will automatically set the sunrise and sunset time.

### Manual Option:

Press the Time button again to adjust the Sunrise time.

- Press "+" or "-" button to adjust  $\pm 2$  hours to set the device to power OFF after or before sunrise.
- Press RESUME button if you want to resume the originally sunrise time.

Press the Time button again to adjust the Sunset time.

- Press "+" or "-" button to adjust  $\pm 2$  hours to set the device to power ON after or before sunset.
- Press RESUME button if you want to resume the originally sunset time.

8. Press the Time button again to finish and the setting will go back to current time.



### 3. Setting The Program

1. Press the Program button to begin setting the event.
2. Press Time button to set the first On event. The setting will begin from the beginning of the week.  
Press "+" or "-" to adjust different week event:
  1. Every day (7 Days of the week).
  2. Weekday (Mon-Fri).
  3. Weekend (Sat-Sun).

3. Press Time button to set the hours.

Press (+) or (-) to set hours. Hours setting mode:  
a. 12-hour clock AM/PM  
b. Sunrise/Sunset

Press Time button to set the minutes.

Note: If you select Sunrise or Sunset as the event. Please press PROGRAM button to select "ON" or "OFF".

Press button (+) or (-) to adjust from 00-59.

Note: If you press button "RESUME" that will cancel the setting.



4. Press Program button to turn the first event OFF.

This setting is like the previous step. There are 7 events you can set in this timer. Once you finished the setting please press the program button back to standby status. Note: If the timer is idle for 30 seconds. The time will automatically set to current time.



5. Press Mode button to choose different functions between ON, ON AUTO, ON RANDOM(RDM), OFF, OFF AUTO, OFF RDM  
ON - Device will be ON permanently and will stay on manual mode.

ON AUTO — AUTO mode has been selected the device will be ON and will stay ON until another scheduled event takes place.

ON RDM — RDM mode has been selected the device will be ON and will stay ON until another scheduled event takes place.



When RDM setting is ON: Random setting will increase or decrease the time on your ON/OFF setting by 30 minutes.

OFF — OFF mode has been selected the device will stay OFF.



OFF AUTO — OFF AUTO mode has been selected the device will be OFF and will stay OFF until another scheduled event takes place.



OFF RDM — OFF RDM mode has been selected the device will be OFF and will stay OFF until another scheduled event takes place.



6. Plug desired device into the timer. Plug the timer into the electrical receptacle.

**Ratings:** 125 VAC, 60 Hz,  
15 A, 1875 W General Use  
15 A, 1875 W Resistive  
8 A, 1000 W Tungsten,  
500 VA Electronic Ballast/LED  
170 VAC, 60Hz, 8.3 A Standard Ballast  
1/2 HP Motor Load

### WARNING

- Risk of electric shock**
  - Plug directly into an electrical outlet
  - Do not use in wet locations
  - Use indoors only
  - Unplug timer before cleaning
  - Keep children away

### Risk of fire

- Do not use to control appliances that contain heating elements (cooking appliances, heaters, irons, etc.)
- Do not exceed electrical ratings

### Federal Communications Commission Interference Statement

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### SAVE THESE INSTRUCTIONS!