

# TORK<sup>®</sup>

## POOL/SPA PANEL

### PP-10R-M-GFCI

## 2 CIRCUIT POOL TIME SWITCH WITH WHILE-IN-USE GFCI OUTLETS

WITH (3) "WHILE-IN-USE" OUTLETS:  
 (1) "TIME CONTROLLED" (GFCI PROTECTED) OUTLET  
 (2) "LIVE" (GFCI PROTECTED) OUTLETS



One or more of the following patents apply: 6,827,230; 6,791,039. Other Patents Pending.

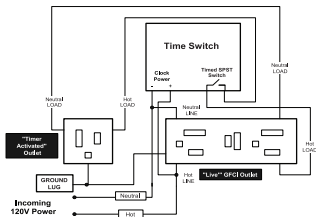
Time Switch Type	<b>MECHANICAL</b> 24-Hour, 15 minute time increments
Time Switch Rating	120V, 20A, 1HP, SPST
Panel Rating	INPUT 20A, 120V, 60Hz, Single Phase 2 Wire
	OUTPUT 20A, 120V, 60Hz, Single Phase 2 Wire, 1HP
Enclosure Type	NEMA 3R Outdoor Enclosure Removable & Reversible Front Door

**MODES OF OPERATION:** 3 Operating modes available: Timer/AUTO, OFF/Standby, ON  
**AUTOMATIC OPERATION:** Time Switch can be switched on or off in 15 minute increments for a multitude of on/off operations per 24 hour period. See below for details on "modes of operation".

## INSTALLATION & WIRING INSTRUCTIONS

Bonding between conduit connection is not automatic and must be provided as part of the installation. The enclosure must be properly grounded.

- To wire switch, connect incoming 120V power to wire leads and ground located in wiring compartment per wiring diagram below.
- Use solid or stranded COPPER wire only. For Supply Connections, use conductors rated minimum 90 °C.



## ⚠ WARNING

**PREVENT ELECTROCUTION**  
 DISCONNECT ALL SUPPLY CONNECTIONS BEFORE SERVICING.

## CONTROL PANEL MOUNTING

Secure control panel to suitable vertical surface or other support using the various mounting holes provided inside of enclosure.

## ! IMPORTANT SAFETY INSTRUCTIONS !

**ATTENTION:** Read carefully before attempting to install this control. Failure to comply with instructions could result in personal injury and/or property damage!  
 1. This control must be installed in accordance with National and local electrical code requirements. Use the wiring information table at bottom for proper wire gauge selection & screw tightening torque requirements.  
 2. Do not exceed the ratings of this device, and current capacity of conductors.  
 3. This control should not operate any equipment which would cause bodily injury or property damage should it be activated unexpectedly.  
**KEEP FRONT COVER PANEL CLOSED AT ALL TIMES.**

## WIRING INFORMATION - COPPER CONDUCTORS

Wire Range Data	Lug Tightening Torque (LB-IN)		Wire Ampacity		
	Size / Str	Wire Size	Wire Size	Max Amps	120V HP
<b>CONNECTOR</b>				<b>90 C</b>	
<b>Equipment Ground</b>	2-14	10-14	32-35	14	25
<b>Bonding Lug</b>	4-12			12	30

## PROGRAMMING & OPERATING YOUR TIME SWITCH MECHANISM

**SETTING THE TIME:** Rotate clock face in a clockwise direction until proper time is displayed. In order to properly set time for AM or PM, verify that black arrow on clock face matches the correct 24-hour clock setting (example: 6=6AM, 18=6PM). If it does not, rotate clockwise 1 complete turn for correct AM or PM setting.

**SETTING "ON" and "OFF" TIMES:** Set the captive trippers for desired on/off sequence required.

- OFF-Push trippers IN (toward center of clock)
- ON-Push trippers OUT (away from center of clock)

### MODES OF OPERATION:

- **Timer/AUTO:** Automatic Time Switch operation according to captive tripper's on/off settings
- **OFF/Standby:** Maintains proper clock time and Time Switch program settings during periods of non-use.
- **ON:** Used to override Timer/AUTO mode. User can turn the Time Switch ON. Time Switch will remain ON until the user switches back to TIMER/AUTO or OFF mode.

