

# 33992-MI

## Clock-Timer

Crystal controlled, Adjustable 24 hr. (No AM/PM) Clock/Timer that allows you to set up to 3 "ON" & "OFF" events of a SPST-NO relay. Retains settings with power off (internal CR1220 coin battery)

Power: 12VDC @ <100mA relay energized

Accuracy: ~1sec/24hr

Resolution: 1minute

Contacts Rated: 10A @ 250VAC/30VDC

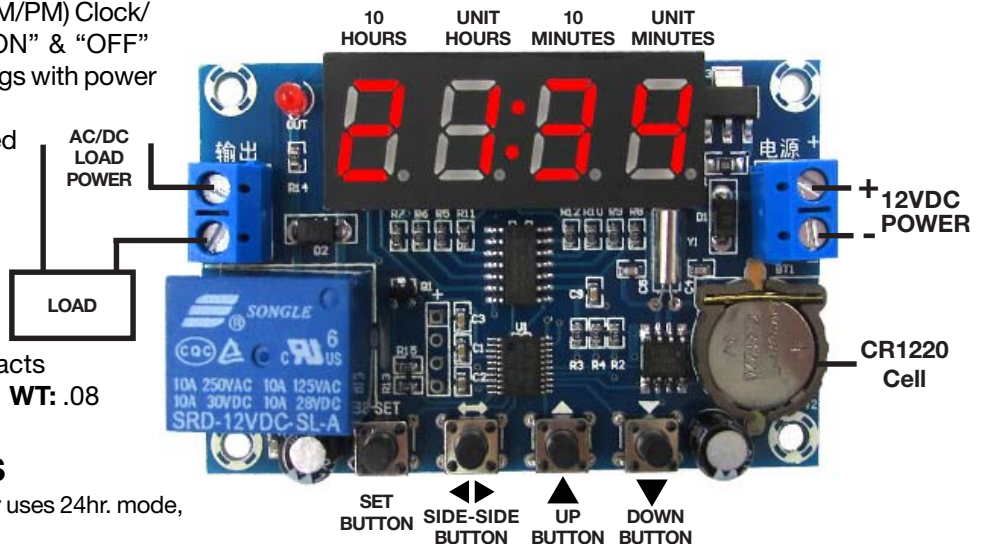
LED Status Indicator

Display: 4 digit + Colon,

15mm height Red LED

Terminal Strip for Power and Relay contacts

L: 2-3/4" W: 1-13/16" H: 7/8" WT: .08



### ADJUSTMENT INSTRUCTIONS

**NOTE:** There is No A.M. or P.M. setting, Timer uses 24hr. mode,

#### Set Real Time (Time of Day)

- 1: Press "SET" button once and display will flash "P0"  
 Press "SET" button again the Unit "Minutes" Digit will flash  
 Use the "UP" (▲) and "DOWN" (▼) buttons to set the time (xx:x0-xx:x9).  
 Press the "SIDE to SIDE" (◀▶) button, the 10 "Minutes" Digit will flash  
 Use the "UP" (▲) and "DOWN" (▼) buttons to set the time (xx:0x-xx:9x).  
 Press the "SIDE to SIDE" (◀▶) button And repete steps to set Unit "Hours" and 10 "Hours"  
 After you have enter the time wait ~12 seconds to exit to normal operation.
  
- 2: **Set Relay Event Times** Timer resolution is 1 minute.  
 Press the "SET" button once and it will flash "P0"  
 Press the "UP" (▲) or DOWN (▼) button to cycle through "P0-P7"  
 Select "P1" (This is Event #1 Start Time) Press "SET" button; the Unit "Minutes" Digit will flash  
 Use the "UP" (▲) and "DOWN" (▼) buttons to set the Unit Minute "START" time (xx:x0-xx:x9).  
 Press the "SIDE to SIDE" (◀▶) button and repeat above steps to set 10 "Minutes", Unit "Hours" and 10 "Hours"  
 Press the "SET" Button and unit will store setting and Display "P0"  
 Press the "UP" (▲) or DOWN (▼) button to show "P2" (This is Event #1 Stop Time)  
 Press "SET" the Unit "Minutes" Digit will flash  
 Repeat above Steps to Set the Unit "Minutes, 10 "Minutes", Unit "Hours" and 10 "Hours"  
 After setting is complete Press the "SET" Button and unit will store setting and Display "P0"  
 Wait ~12 seconds to exit to normal operation.

You have now set the Start & Stop Times for the first timing Event

To set Event 2 & 3 you repeat above steps except select:

- "P3" Set Event 2 "ON" Time
- "P4" Set Event 2 "OFF" Time
- "P5" Set Event 3 "ON" Time
- "P6" Set Event 3 "OFF" Time

**NOTE:** If not using all 3 Events: Then set unused Event Start & Stop Times to the same value

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