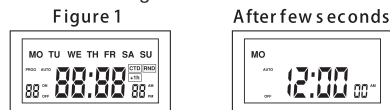# DIGITAL TIMER SWITCH
Instruction Manual

Please operate the timer while reading the instruction.
INSTALLATION SETTING
1. If the timer screen is completely blank, it will need to be plugged into the outlet before programming can begin. If the screen is displaying numbers, it can be programmed and plugged into the wall.
2. Before programming, all settings should be reset. The reset button which is identified "R" is just located below the HOUR button. Use a paper clip to stick in. See Figure 1.

Figure 1
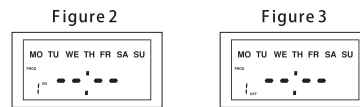
After few seconds

Current time setting
1. Keep the CLOCK button pressed the entire setting operation.
2. Press the HOUR button to set hours.

1

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3. Press the MIN button top set minutes.
4. Press the DAY button to select the correct day of the week
5. Release the CLOCK button. the time will be set.

PROGRAMMING OF SWITCH TIMES (ON/OFF)
1. Press the "SET" button twice. Figure 2 will appear.
2. "1 ON --:--" should be first setting.
   There are a total of 20 ON/OFF settings. See Figure 2

Figure 2

Figure 3

3. Press the "HOUR" and "MIN" buttons to set ON time.
4. Press the "DAY" button to select the day(s).
5. Press the "SET" button to save and proceed to the "1 OFF --:--" screen. See Figure 3.
6. Repeat steps 1-5 to set ON/OFF times. Press the "SET" button again will advance to the other 19 ON/OFF settings

MULTIPLE WEEKDAY SWITCHING GROUPS
Apart from individual week days, pressing the "DAY" button also selects multiple day combinations such as:
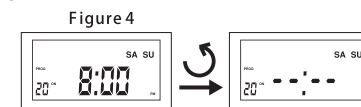
2

- MO, TU, WE, TH, FR, SA, SU
- WE
- SA
- SA, SU
- MO, WE, FR
- MO, TU, WE
- MO
- TH
- SU
- MO, TU, WE, TH, FR, SA
- TU, TH, SA
- TH, FR, SA
- TU
- FR
- MO, TU, WE, TH, FR

After selecting a particular day combination, the ON/OFF selection will be in effect on the day configuration selected from above.

RESET BUTTON
1. Press the "SET" button to select the ON/OFF setting that needs to be changed.
2. Press the " ↻ " button to reset the current ON/OFF setting (seen in Figure 4) without having to scroll through all the hours.

Figure 4

Timer should operate in the "AUTO ON" or "AUTO OFF" mode. See "Switching Mode Indication" section.

3

SWITCHING MODE INDICATION
The actual mode is shown in the display as "ON", "AUTO ON", "OFF", or "AUTO OFF" together with the time of day. Press the "MANUAL" button to adjust to the desired setting. This an be used to override the timer as explained in the "Manual Override Setting" section.

MANUAL OVERRIDE SETTING
As independent programming, it is possible at any given time to advance to the next switching command by constantly pressing the key "MANUAL" as shown below.
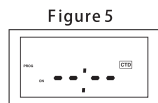
→ AUTO OFF → ON → AUTO ON → OFF →

ON- Always ON
OFF- Always OFF
AUTO ON- Timer is ON currently and ON/OFF program is activated
AUTO OFF- Timer is OFF currently and ON/OFF program is activated

PROGRAMMING COUNTDOWN FEATURE
1. Press the "SET" button repeatedly or hold it until the "CTD" icon appears on the display. This will appear after the ON/OFF program, refer to Figure 5.
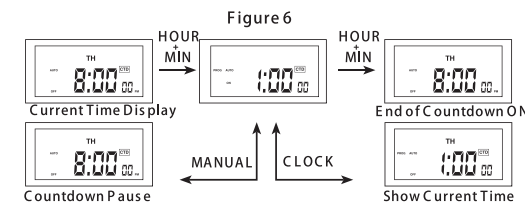
4

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2. Press the "HOUR", "MIN" buttons to set amount of time you desire.
3. Press the "CLOCK" button to store the setting and return to the main display.

Figure 5

ACTIVATING THE COUNTDOWN FEATURE
1. Press the "HOUR" and "MIN" button simultaneously to activate the countdown feature. Refer to Figure 6 for more details.
2. Other features of the countdown.
   a. Press the "CLOCK" button to switch between the clock and countdown display.
   b. Press the "MANUAL" button to pause or countdown only if on the countdown display.
   c. In countdown mode, press "HOUR" and "MIN" button simultaneously to deactivate the countdown. In pause mode, press "HOUR" and "MIN" button simultaneously to restart the countdown.
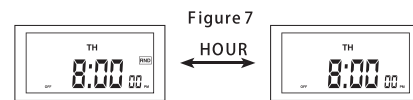
5

Figure 6

Current Time Display

End of Countdown ON

Countdown Pause

MANUAL   CLOCK

Show Current Time

RANDOM ON/OFF SETTING
Random is a feature that will randomize your current setting either + or -30 minutes giving your home in appearance to deter intruders.
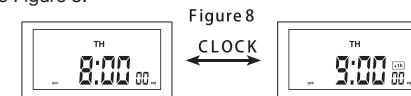1. Press and hold the "HOUR" button for 3 seconds to activate the random feature. The display will show the "RND" icon. See Figure 7.
2. Press and hold the "HOUR" button for 3 seconds to deactivate the random feature. The "RND" icon will disappear from the screen.

Figure 7

HOUR

6

DAYLIGHT SAVING TIME (DST)
Press and hold the "CLOCK" button for 3 seconds to advance to the current time 1 hour, "+1h" icon will appear on the display. Press and hold the "CLOCK" button for 3 seconds again to decrease 1 hour and the "+1h" icon will disappear. See Figure 8.

Figure 8

CLOCK

POWER BACK-UP FEATURE
In the event of a power failure, the timer will retain its settings for an estimated 3 months assuming the power backup is fully charged.

SPECIFICATIONS
120VAC 60Hz
120VAC 60Hz 15A 1800W General Purpose
120VAC 60Hz 600W Tungsten
120VAC 60Hz 1/2HP

WARNING
• Use indoors only
• Avoid high humidity, high temperature and high magnetic field.

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• Keep device out of reach of children
• Do not plug this timer into another timer switch
• Do not connect the device which may exceed the performance limits of the timer.
• Do not insert needles or any other metal objects into main outlet.
• Do not touch the device with wet hands
• Do not open the timer. Repairs must be performed by authorized service personnel only.

LIMITED ONE YEAR WARRANTY
Envision LED Lighting, Inc. warrants this product to be free from defects in material and workmanship for a period of one year from the date of purchase. Warranty void if damage is due to misuse or improper installation. Please contact us if you have any questions.

Version QM: 1.0
Stand: 12.08.2016

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