INSTRUCTION MANUAL
Enover Plug-in Digital Outlet Timer

Important

Digital timers can do many more things than mechanical ones, but with the many possibilities, it takes time and patience to program them to the settings you need. Please read these directions and follow all the steps, **especially the NOTES**, before you use the device. These notes will help you make better use of the device. Should you have any questions or concerns, please feel free to reach us at **enoverservice@gmail.com**. We will reply within 24 hours.

Safety Use & Care

- Please keep this manual in a safe place for future reference.
- Before operation, please plug the timer into a wall outlet to charge for about 10 minutes if the unit has a blank display when you receive it.
- DO NOT plug any appliance where the load exceeds 15Amps.
- Heaters, pet feeders and similar appliances should never be left unattended during operation. The manufacture recommends such appliances not be connected to timers.
- DO NOT attempt to repair, disassemble or modify under any circumstances.

Features

- Easily change between 12-hour / 24-hour format
- Easily switches from Standard time to Daylight Savings Time
- Up to 10 different ON/OFF programs in a 7-day period; every program you set repeats once each week
- Gives you more control with a manual override feature
- Features a random setting for lights to go on and off at varying times while you're away from home

To Reset the Timer

1. Use a paper clip to press the **RESET** button to erase all previous settings. The unit will automatically enter the "Clock Mode" after reset.

To Set the Current Time

When in the "Clock Mode", the LCD will show the current day, hour and minute.

1. Press and hold the **CLOCK** button, and then simultaneously press the **TIMER** button to toggle between 12-hour and 24-hour mode.

2. Press and hold the **CLOCK** button, and simultaneously press the **ON/AUTO/OFF** button to toggle between Standard Time and Daylight Saving Time (DST). The clock will increase by one hour and the display will show "SUMMER" when changed to the DST.

3. Press and hold the **CLOCK** button, and then simultaneously press the **WEEK** button to adjust the day.

4. Press and hold the **CLOCK** button, and then simultaneously press the **HOUR** button to adjust the hour.

5. Press and hold the **CLOCK** button, and then simultaneously press the **MINUTE** button to adjust the minute.

*PLEASE NOTE: Press and hold **HOUR** or **MINUTE** button for more than 3 seconds to navigate quickly through the numbers.

To Set the Weekly Programs

You can set up to 10 programs. To set a program, you will need to enter its start time (**ON**) and its end time (**OFF**).

1. Press **TIMER** to enter the setting mode and the LCD will display the first setting "1 ON --:--".

2. Press **WEEK** as many times as needed to select the days of week you want the program to apply to. (For example, if you want the program to apply to EVERY DAY of the week, press **WEEK** until all the days are displayed. This still counts as 1 program, not 7.)

3. Press the **HOUR** and **MINUTE** buttons to set the **ON** time (time when you want the timer to automatically come on).

4. After the "1 ON" setting is done, press the **TIMER** button again and the LCD will show "1 OFF --:--".

5. **Press WEEK as many times as needed to select the days of week you want the program to apply to. Please don't neglect to follow this step, or the timer won't go off at the off time you set.**

6. Press the **HOUR** and **MINUTE** buttons to set the **OFF** time (time when you want the timer to automatically go off).

7. For the remaining "**ON-OFF**" programs, press **TIMER** to navigate through the settings and refer to steps 1 through 6 to complete the settings. Programs without any setting will remain inactive.

8. When the setting is done, press **CLOCK** to exit the setting mode and the timer is ready for use. Also, the timer will automatically exit the setting mode if no button is pressed within 30s.

9. If you want to change the setting, press **TIMER** as many times as needed until the display shows the ON/OFF setting you want to change, and refer to steps 1 through 6 to change the setting. You can also erase/restore the most recent setting by pressing the **RES/RCL** button.

a. If the timer is plugged into an outlet between an on-off interval you set, the timer will not come on immediately as per the setting to protect itself from power surges. Instead, it will stay inactive until the next on-off cycle begins. For instance, if the timer is plugged into an outlet at any time between 7:00AM and 7:00PM, the timer will **NOT** come on immediately on that day for a program like this: MO TU WE TH FR SA SU, 7:00AM, ON | MO TU WE TH FR SA SU, 7:00PM, OFF. Instead, it will stay inactive, and then automatically come on as per the setting at 7:00AM **next morning** and repeat the cycle from then on. Under this circumstance, if you want the timer to come on the moment it is plugged in, please hit the **ON/AUTO/OFF** button twice to manually turn on the timer first, and then put it back into AUTO.

b. If you have multiple programs, please make sure that the on-off intervals you set do not overlap with each other, especially when using the day combination option.

Example Timer & Setting

For example, if you want to have the timer to come on at 8:20PM and go off at 10:30PM every day of the week, please do the following:

a. Reset the timer, and then set the digital clock to be the same as your local time in 12-hour mode;
b. Press **TIMER** and LCD displays "1", "ON"
c. Press **WEEK** until LCD displays "MO TU WE TH FR SA SU"
d. Press **HOUR** until LCD displays 8:00PM
e. Press **MINUTE** until LCD displays 8:20PM
f. Press **TIMER** again and LCD displays "1", "OFF"
g. Press **WEEK** until LCD displays "MO TU WE TH FR SA SU" (Please don't neglect to follow this step, or the timer won't go off at the set time)
h. Press **HOUR** until LCD displays 10:00PM
i. Press **MINUTE** until LCD displays 10:30PM
j. Press the **CLOCK** button to exit the setting mode.
k. Plug the timer into an outlet at any time outside the on-off interval you set and the timer is ready for use. Please note: if the timer is plugged in between the interval you set (8:20PM~10:30PM), the timer will not come on immediately on that day as per the setting just to protect itself from power surges. If you want the timer to come on the moment it is plugged into the outlet, please hit the **ON/AUTO/OFF** button twice to manually turn on the timer first, and then put it back to AUTO.

Correct settings should be like this:

Manual Operation - ON/AUTO/OFF Button

Press the **ON/AUTO/OFF** button to choose from these 3 modes. These modes will cycle like this: ON-AUTO-OFF-AUTO

1. AUTO: The digital timer will work as per the pre-programmed settings.

2. ON: It will ignore the pre-programmed settings and the timer is switched on permanently, with the indicator light under the **CLOCK** button always on.

3. OFF: It will ignore the pre-programmed settings and the timer is switched off permanently, with the indicator light under the **CLOCK** button always off.

When the timer is reverted back from Manual ON/OFF mode to AUTO mode, the Manual ON/OFF mode will remain effective until the nearest upcoming on (off) schedule arrives.

For instance, we have a program like this: MO TU WE TH FR SA SU, 7:00AM, ON | MO TU WE TH FR SA SU, 7:00PM, OFF

a. It's Tuesday 9:00pm and the timer is off in the AUTO mode. If we manually turn on the timer, and then shortly afterwards hit the **ON/AUTO/OFF** button again to put it back to AUTO, the manual on mode will remain effective until Wednesday 7:00am(the nearest upcoming on schedule). But at Wednesday 7:00am the timer will automatically come on, and then keeps on until Wednesday 7:00pm. That means, under this circumstance, the timer will stay on from Tuesday 9:00pm to Wednesday 7:00pm. In this situation,

if you want to turn off the timer and put it back to AUTO, please hit the **ON/AUTO/OFF** button twice more to change the mode from AUTO to Manual OFF first, and then back into AUTO.

b. It's Tuesday 8:00am and the timer is on according to the program. If we manually turn off the timer and then put it back to AUTO shortly afterwards, the manual off mode will remain effective until Tuesday 7:00pm (the nearest upcoming off schedule). However, the timer is programmed to be off from Tuesday 7:00pm to Wednesday 7:00am. That means, under this circumstance, the timer will stay off from Tuesday 8:00am to Wednesday 7:00am. In this situation, if you want to turn on the timer and put it back to AUTO, please hit the **ON/AUTO/OFF** button twice more to change the mode from AUTO to Manual ON first, and then back to AUTO.

Anti-theft Random Function

This feature only works with programs whose on and off schedules are both set between 6:30pm and 5:30am the next morning. In the RANDOM mode, the timer will randomly come on and go off up to half an hour earlier/later than the assigned on/off setting. For example, if the setting is 7:00PM(on)~10:00PM (off), the unit will randomly come on at any time between 6:30 PM and 7:30 PM when RANDOM is selected.

1. Please set a program and make sure that both the on and off times are within the 6:30pm to 5:30am next morning interval, and then plug the timer into a wall outlet.

2. Activate the **RANDOM** button at least 30 minutes before the programmed ON time and the timer is ready for use.

3. If you'd like to set several programs to run in the random mode, please make sure that the OFF time of the former program is at least 1 hour before the ON time of the latter.

4. Pressing the **RANDOM** button one more time will cancel the RANDOM function,.

*PLEASE NOTE: When RANDOM is selected, if only the on or off time of a program falls within the random-eligible interval of 6:30pm-5:30am, the timer may not function correctly and may need to be reset. For example, programs like 6:00PM(on)~7:00PM(off), and 5:00AM(on)~6:30AM(off) are not recommended. Programs with their on and off times both outside the random-eligible interval will work exactly as scheduled.

Specifications

Model No.:   TS-18

Installation: Plug-in

Voltage: 120V AC/60Hz

Rating: 120V AC / 15A /1800W

Operating Temperatures: -10℃~+40℃

Accuracy: +/-1 Minute per Month

Minimal Setting: 1 Minute

Maximum Setting: 7 Days

Battery: NIMH1.2V > 100 Days

Customer Questions & Answers

1. How long is the warranty for this product?

We offer a 12-month limited warranty on this timer. If your timer is broken, please email your order number and describe the issue. We will immediately issue a full refund or arrange a new replacement after verification. We believe what makes us different is not just the product we offer but also our outstanding customer service. We also hold the belief the buyer and seller can achieve a win-win outcome through mutual effective communication.

2. What should I do if I am having trouble setting up the timer?

Please email to tell us the schedule and days of the week you want to set up. Our technical support team will give you personal step-by-step guidance illustrated with pictures.

3. Do I need to replace the battery?

The timer has a built-in rechargeable battery and it is not replaceable. If the timer is not used for a long time, please plug it into an outlet to charge for about 24 hours every 3 weeks to maintain the battery.