

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. In this updated version, we added an example timer and a picture with the correct settings for your reference. Should you have any questions or concerns, please 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 and every program you set will repeat once each week
- Gives you more control with a manual override feature
- Random setting to have your lights to go on and off at random times during vacation

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 then simultaneously press the **ON/AUTO/OFF** button to toggle between Standard Time and Daylight Saving Time (DST). There will be a "**SUMMER**" on the display if DST is selected.
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.

To Program the ON/OFF Schedule

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 day 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 day you want the program to apply to. (Omission of this step may result in error – the timer may not go off at the desired time once automatically comes on.)
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 unit 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.

***PLEASE NOTE:**

- At the moment the timer is plugged into an outlet, if the current time falls between an ON/OFF interval you set, the timer will not come on immediately as per the setting for the sake of safety and to protect the timer from damage caused by potential 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 to have the timer 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.**
- Press and hold **HOUR**, **MINUTE** or **TIMER** for more than 3 seconds to navigate quickly through the numbers.
- If you have multiple programs, please make sure that the on/off intervals of the programs 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:

- Reset the timer, and then set the digital clock to be the same as your local time in 12-hour mode;
- Press **TIMER** and LCD displays "1", "ON"
- Press **WEEK** until LCD displays "MO TU WE TH FR SA SU"
- Press **HOUR** until LCD displays 8:00PM
- Press **MINUTE** until LCD displays 8:20PM
- Press **TIMER** again and LCD displays "1", "OFF"
- Press **WEEK** until LCD displays "MO TU WE TH FR SA SU"
- Press **HOUR** until LCD displays 10:00PM
- Press **MINUTE** until LCD displays 10:30PM
- Press the **CLOCK** button to exit the setting mode.
- 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 in to the outlet, please hit the **ON/AUTO/OFF** button twice to manually turn on the timer, and then put it back into 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.
3. OFF: It will ignore the pre-programmed settings and the timer is switched off permanently.

***PLEASE NOTE: When the timer is reverted back from Manual ON/OFF option to AUTO mode, the Manual ON/OFF option 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 into AUTO, the manual ON option will remain effective until Wednesday 7:00am (the nearest upcoming on schedule). But at this time 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, simply 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 option 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. If you want to turn on the timer and put it back to AUTO, simply please hit the **ON/AUTO/OFF** button twice more to change the mode from AUTO to Manual ON first, and then back into AUTO.

Anti-theft Random Function

This feature only works with programs set between 6:30PM and 5:30AM 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 it is within the interval from 6:30PM to 5:30AM next morning.
2. Activate the **RANDOM** button at least 30 minutes before the programmed ON time. The LCD will display **RANDOM**, indicating that the RANDOM function is activated. Plug the timer into a wall outlet and it 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. To cancel the RANDOM function, simply press the **RANDOM** button again and the **RANDOM** indicator will disappear from the display.

Specifications

Model No.: TS-18

Installation: Plug-in

Voltage: 120V AC/60Hz

Rating: 120V AC / 15A /1800W

Operating Temperatures: -10°C~+40°C

Accuracy: +/-1 Minute per Month

Minimal Setting: 1 Minute

Maximum Setting: 7 Days

Battery: NIMH1.2V > 100 Days

Package Contents

1 x Enover Digital Timer

1 x Instruction Manual

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 to give us your order#, and describe the issue. We will immediately issue a full refund or arrange a brand new replacement totally at our cost after verification. We totally believe what makes us different is not just the product we offer but also our outstanding customer service. And we always hold the belief we buyer and seller can achieve a win-win outcome through mutual effective communications.

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

Please email to tell us the on/off schedule you want, and the day of week you want them to apply to. Our technical support can give you step-by-step guidance and send you pictures with the correct settings for reference.