

Designed by **VIVOSUN** in California.
Made in China

VIVOSUN

DIGITAL TIMER **PROGRAMMABLE**

with LCD Display



Appearance & Parameter

Power Supply: 220V-240V 50Hz (EU, UK, FR, IT, SW, TH, IS, CHI, VN)

100V-125V 50/60Hz (US)

100V-220V 50/60Hz (BR)

Power Rating: 16(13)A 3600W (GR, IT, FR, IS)

13A 3100W (UK)

10(13)A 2300W (SW)

10(13)A 2200W (BR, CHI)

15A 1250W (US)

Operation Temperature: -10 - 55 °C

Battery: 1.2V 40mAh Built in Rechargeable Ni-MH battery

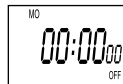
Before Programming the Timer



This timer has an built-in backup battery to save user's presets & programs.

1. The timer is designed for indoor use, please ensure the timer is dry and away from water.
2. Do not use the timer in temperature above 55 °C or below -10 °C.
3. Do not plug any electrical appliances which maximum load exceeds the rated power.
4. Heaters, pet feeders and similar appliances should not be connected to timers.
5. Appliance must be turned "ON" before plugging into the timer.
6. Do not attempt to repair, disassemble or modify timer under any circumstances.
7. Keep timer away from children and pets when unplug timer from power outlet.

1. Initial Setting



Press Reset button "R" to reset the timer. The screen will turn blank and show reset display.

Note: a. If the screen is blank, please plug the timer into a power to charge the battery for 15 to 20 minutes and press "R" button to factory mode.

b. Return to factory mode all user's programs & settings will be deleted.

2. Current Time Setting

a. Day setting

While pressing "CLOCK" button, press "WEEK" button to adjust the current day. For example the current day is Sunday.



b. Hour setting

While pressing "CLOCK" button, press "HOUR" button to adjust the current hour. For example the current hour is 08:00.



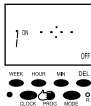
C. Minute setting

While pressing "CLOCK" button, press "MIN" button to adjust the current minute. For example the current hour is 08:30.



3. Timer Program Setting

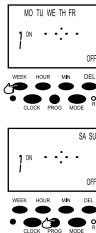
- a. Press "PROG" button to enter "1ON" cycle time setting (first group ON time). For example 1ON will show on display.



- b. Press "WEEK" button to choose the working day you want.

Note: The combinations of days:

- 1.MO+TU+WE+TH+FR
- 2.SA + SU
- 3.MO+ WE+ FR
- 4.TU+ TH+ SA
- 5.MO+ TU+ WE
- 6.TH+ FR+ SA
- 7.MO+TU+WE+ TH+ FR+ SA
- 8."MO" or "TU" or "WE" or "TH" or "FR" or "SA" or "SU"



- c. Press "HOUR" button to choose the working hour you want. Keep press "HOUR" >3S to change the hour number.



- d. Press "MIN" button to choose the working minute you want. Keep press "MIN">3S to change the hour number.

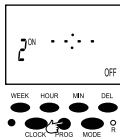


- e. After finishing "1ON" setting, press "PROG" button to enter "1OFF" time setting. Repeat step b, c, d to finish the 1OFF time setting.



f. Press "PROG" button and switch to next ON/OFF group. Repeat steps b-e to set more timing program as you need.

Note: The maximum setting group is 20 ON/OFF.



g. Press "CLOCK" button to exit the program setting and return to the current time.

Note: press the "PROG" button repeatedly to review the program setting you have set before. And you can press "DEL" button to delete the setting or press one more time to restore.



Do not overlap set ON/OFF time for different timing groups

4. Mode and Manual Override Switch

Press "MODE" button to advance the next following switching command or turn the timer to always ON, OFF or Auto.

OFF: Always OFF (Timing function off).

AUTO: ON/OFF automatically follow program settings.

ON: Always ON (Timing function on)

Note:

1. When the OFF mode changes to AUTO, the socket is OFF until next setting ON time. When the timer is ON mode, the timer will work exactly as per your programmed.
2. When the ON mode change to AUTO, the socket is ON until next setting OFF time. Then timer will work exactly as per your program.

Press "MODE" button to set the MODE to Auto (Timer).



5. Daylight Saving Time (Summer time)

This function allows the timer to adjust the current time on the timer one hour ahead to accommodate daylight savings.

a. Set the daylight saving time:

Press "HOUR" and "MIN" to set the daylight saving time, S will show on display. And the current time will be one hour ahead.



b. Cancel & exit daylight saving time:

Press "HOUR" and "MIN" to cancel the daylight saving time. "S" will disappear from the display, the time will back an hour.



b. Press "week" and "HOUR" at the same time to enter random mode, will show **R** on the display.



6. Anti-theft Random Function

- 1.The timer will operate the plugged-in appliance with random ON/OFF cycle pattern when you are away home. It is especially useful during vacations as the home may be occupied by the theft.
- 2.In random mode, the timer will turn ON and OFF randomly in 10 ~ 42 minutes variation based on the ON and OFF schedule you set.
- 3.The random function can only work when the timer program has been set, and the mode is in AUTO mode.

c.Press "WEEK" and "HOUR" to cancel the random mode, **R** will disappear from the display and exit random mode. The timer will work as user previous programs setting.



Random function setting:

a. Check and ensure that the programs have been set and the timer in AUTO mode.

Note: If the timer is not in AUTO mode, please set it according to section 4.



7. Countdown Function

This function allows a plugged-in appliance to turn ON or OFF during countdown period. The user can set the countdown duration (1sec-99H59min59sec).

1.Countdown setting:

- Keep press "WEEK" and "DEL" to enter countdown setting, "dOFF 00:00 00" will show on display.
- Press "MODE" button to switch the ON or OFF of countdown mode, dON or dOFF will show on display.
- Press "HOUR", "MIN" and "DEL" to set the hour, minute, and second for countdown time you need.
- Long press "HOUR", "MIN" and "DEL" to adjust the hour, minute, and second rapidly.
- Press "WEEK" to cancel or recover countdown time setting.

Note:

- If in dON mode, timer will change to Auto OFF when countdown time finish.
- If in dOFF mode, timer will change to ON Auto when countdown time finish.



OFF mode Display dON



ON mode Display dOFF



3. Cancel countdown mode

Keep press "WEEK" and "DEL" to cancel the countdown mode at any time and display will back to current time.



8. AM & PM Display Mode

Press "MIN" and "DEL" at the same time to switch 12/ 24 hours display mode, "AM" or "PM" will show on display when you choose and set in 12 hours mode. Press "MIN" and "DEL" to exit the 12 hours mode.

