140X210mm Front

Digital Timer Instruction Manual

Safety Use &Care

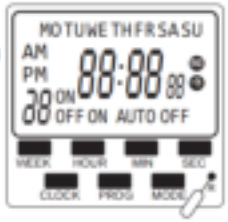
- The timer is designed to be used indoors, ensure the timer is dry and away from water.
- Do not attempt to repair, disassemble or modify under any circumstances.
- The accuracy of the timer is ±2 minutes per month.
- The Random and Countdown are not compatible with each other. When you activate one function, the other functions will stay inactive.
- Before use, it is recommended to plug the unit into a power mains for a few hours to charge the battery inside the timer.

Technical Data

- Installation: Plug in type
- Operating Temperatures: 0°C to +55°C
- Output Switch: TUV R/C Relay
- Accuracy: ±2 Minute per month
- Voltage: 110-240V~ 50/60Hz
- IP Level: IP20
- Battery standby: >100 hours
- Program: 20 ON/OFF, Min setting 1sec

1. Initial Setting

1.1 Before using the timer, press "R" button to reset the timer. The screen will turn blank, then will show the reset display.



2. Setting of Current Time

2.1 Press "CLOCK" and "WEEK" at the same time to set the current week.

2.2 Press "CLOCK" and "HOUR" at the same time to set the current hour.

2.3 Press "CLOCK" and "MIN" at the same time to set the current minute.

2.4 Press "CLOCK" and "SEC" at the same time to set the current second.

3. Setting of Timer Program

3.1 Press "PROG" to enter into the setting mode. The display shows "1ON"

3.2 Press "SEC", "MIN", "HOUR" and "WEEK" to set the week, hour and minute of the day of week for 1ON time setting.

3.3 Press "PROG" again to enter and set the OFF time, the display shows "1OFF"

3.4 Press "SEC", "MIN", "HOUR" and "WEEK" to set the week, hour and minute of the day of week for 1OFF time setting.

Repeat press "PROG" to enter different ON/OFF programmed, maximum 20 ON/OFF programmed setting.

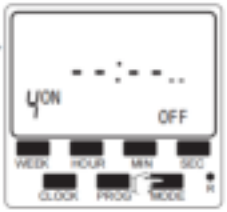
4. Combination of Days Setting

4.1 Press the "WEEK" button to choose the group of days you want to switch the appliance on. The combination will advance in the sequence of:

Back

a. MO+ TU+ WE+ TH+ FR
b. SA+ SU
c. MO+ TU+ WE+ TH+ FR+ SA
d. MO+ WE+ FR
e. TU+ TH+ SA
f. MO+ TU+ WE
g. TH+ FR+ SA
h. MO+ TU+ WE+ TH+ FR+ SA+ SU
i. "MO" or "TU" or "WE" or "TH" or "FR" or "SA" or "SU"

4.2 Press "MODE" button for cancelling the setting week days .Press "MODE" button again for coming back to the previous week setting.



5. Timer Turn On and Off Mode Setting

5.1 "ON": Press "MODE" button until screen shows "ON". In this status, timer always has output. The red LED output indicator is ON.

5.2 "OFF": Press "MODE" button until screen shows "OFF". In this status, timer always has no output. The red LED output indicator is OFF.

5.3 "ON AUTO": Press "MODE" button s from "ON" to "AUTO". In this status, the red LED output indicator is ON, the timer will stay on until the next off setting arrives. And then it will work exactly as you programmed.

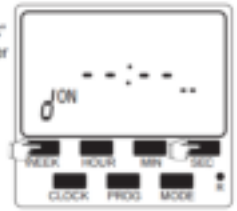
5.4 "OFF AUTO ": Press "MODE" button from " OFF" to "AUTO". In this status, the red LED indicator is off, the timer will stay off until the next on setting arrives. And then it will work exactly as you programmed.

6. Special Functions

6.1 "Anti-theft Radom Function": Press "WEEK" and "Hour" at the same time to enter RANDOM mode setting.The display will show "RND" at the right side of display.

When start the random mode, the timer will turn on and off randomly with a 2-32 minutes variation based on the on and off schedule you set. The RANDOM function can only work in when timer is setting finish, and the time in auto mode.
Press "WEEK" and "HOUR" again to exit the Random mode.

6.2 "Countdown Function": Press "WEEK" and "SEC" at the same time to enter COUNTDOWN mode setting. The display will show "d ON" at the left side of display.



You can press "HOUR", "MIN" and "SEC" to set the countdown time you want, the duration of countdown can be set from 15 99h59m. Press "MODE" to choose "ON" or "OFF" model of countdown.
Press "WEEK" and "SEC" again to exit the Countdown mode.

6.3 "Summer Time Setting": Press "HOUR" and "MIN" to enter Summer Time mode setting. The display will show "+1h" at the right side of display.

This function will allow the timer to adjust the current clock time on the timer by an hour ahead to accommodate daylight savings.
Press "HOUR" and "MIN" again to exit the Summer Time mode.

6.4 "12/ 24 Hours Switching": Press "MIN" and "SEC" at the same time to switch 12 or 24 hours. The display will show "AM" or "PM" on the left side of display when you choose and set in 12 Hours mode.

Press "MIN" and "SEC" to exit the 12 Hours mode.