



# MAJOR TECH MTD7 20 On-Off Digital Programmable Timer Instruction Manual

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**MAJOR TECH MTD7 20 On-Off Digital Programmable Timer**



### **Safety:**

The MTD7 Digital Programmable Timer is designed for indoor use only. Ensure that the timer is kept dry and away from water. Do not attempt to repair, disassemble, or modify the timer under any circumstances. Please note that the Random and Count Down functions are not compatible with each other. Activating one function will deactivate the other functions.

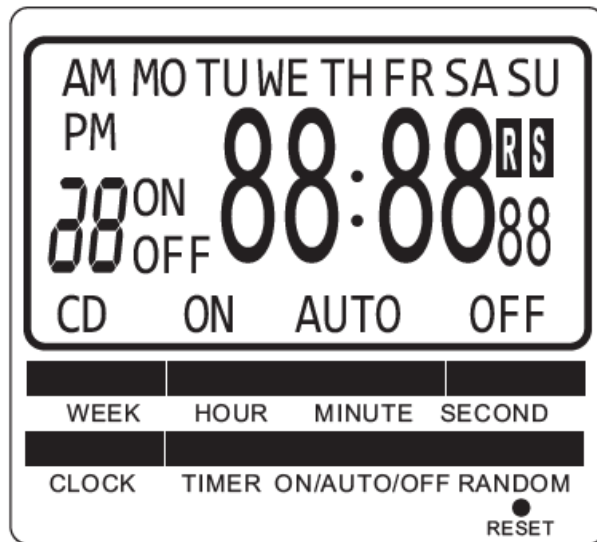
### **Technical Data:**

- Voltage Rating: 16A
- Voltage Accuracy: Not specified
- Output (Max): 16A
- Time Setting: 1 Second to 7 Days
- IP Grade: IP20 (Indicates protection against solid objects larger than 12.5mm and no protection against water)
- Battery: Rechargeable (Note: Battery life may be affected by load shedding)

### **Product Usage Instructions**

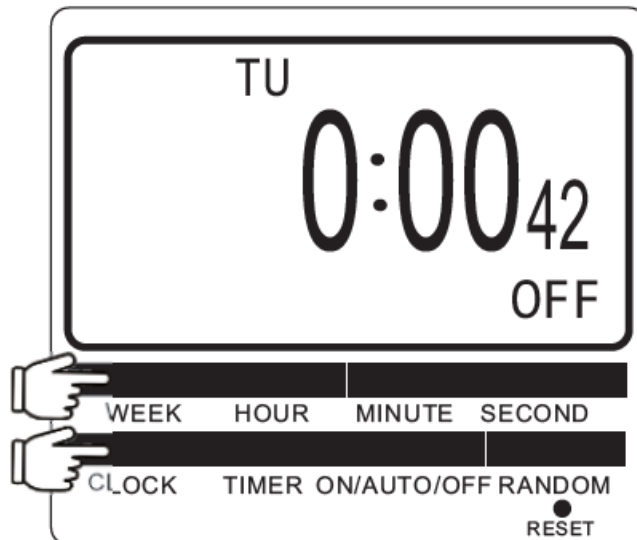
#### **Initial Setting:**

Before using the timer, press the RESET button for 2 seconds to reset the timer. The screen will turn blank and display the reset message.

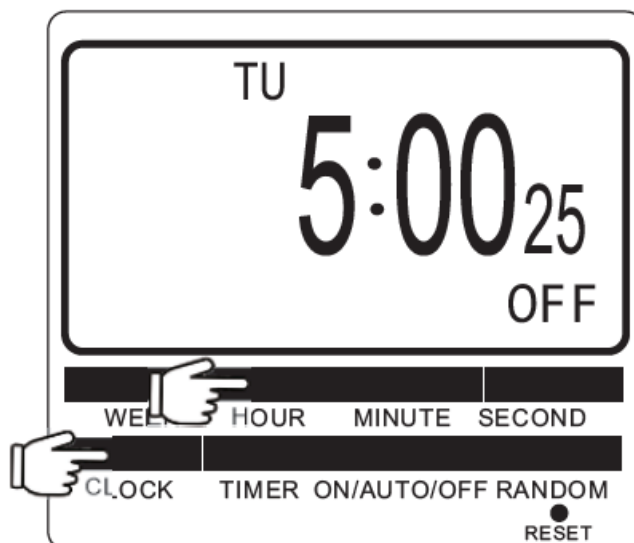


### Setting of Current Time:

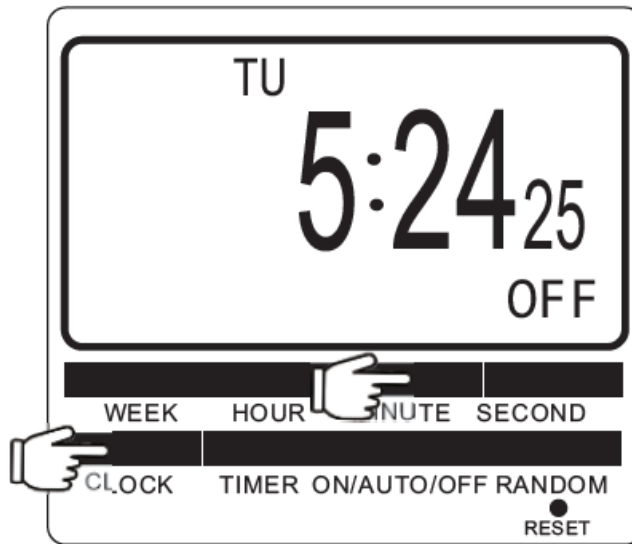
1. Press CLOCK and WEEK buttons simultaneously to set the current week.



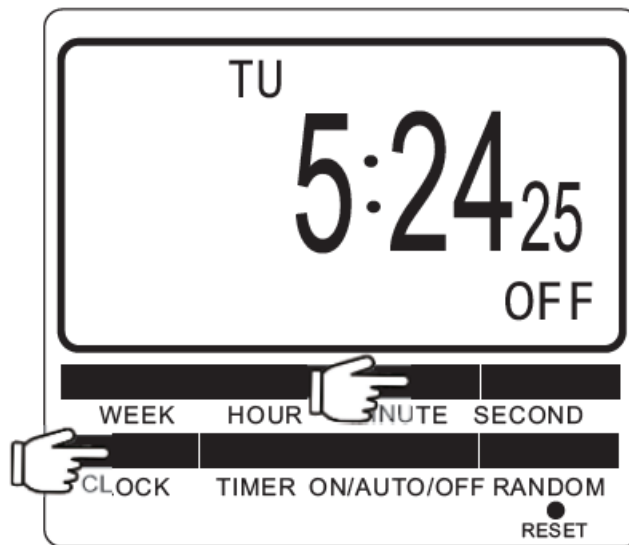
2. Press CLOCK and HOUR buttons simultaneously to set the current hour.



3. Press CLOCK and MINUTE buttons simultaneously to set the current minute.



4. Press "CLOCK" and "MINUTE" at the same time to set the current Minute



### Setting of Timer Program:

1. Press TIMER to enter the setting mode. The display will show "1 ON".
2. Press the SECOND, MINUTE, HOUR, and WEEK buttons to set the ON time for each program.
3. Press TIMER again to enter and set the OFF time for each program. The display will show "1 OFF".

**Note:** Repeat pressing TIMER to enter different ON/OFF programs. The timer allows for a maximum of 20 ON/OFF settings to be programmed.

### Combination of Days Setting:

1. Press the WEEK button to choose the group of days you want to switch the appliance on.
2. Press the ON/AUTO/OFF button to cancel or confirm the setting of weekdays.

### Timer Turn ON & OFF Mode Setting:

**ON Mode:** Press the ON/AUTO/OFF button until the screen shows "ON". In this status, the timer will always have an output, and the red LED output indicator will be ON.

## Safety

- 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  $\pm 2$  minutes per month.
- The Random and Count Down 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 Into Socket Outlet
- Program: 20 ON/OFF
- Voltage Rating: 220V – 240V AC 50/60Hz
- Voltage Accuracy:  $\pm 2$  Minute per month
- Output (Max): 16A
- Time Setting: 1 Second to 7 Days
- Operating Temperature: 0°C to 55°C
- IP Grade: IP20
- Battery Rechargeable

**Note:** Loadshedding will affect battery life

## Initial Setting

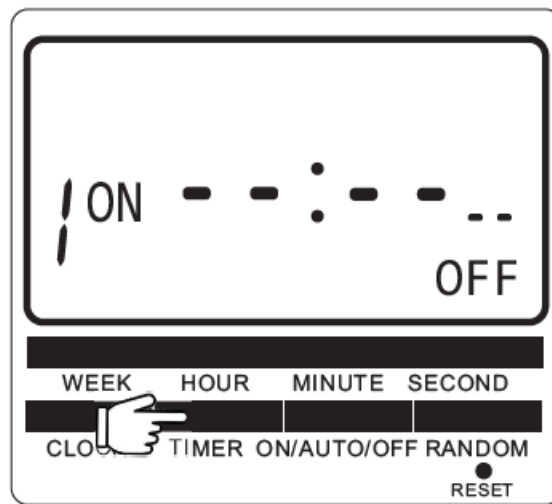
Before using the timer, press the “RESET” button for 2 seconds to reset the timer. The screen will turn blank and will show the reset display.

## Setting of Current Time

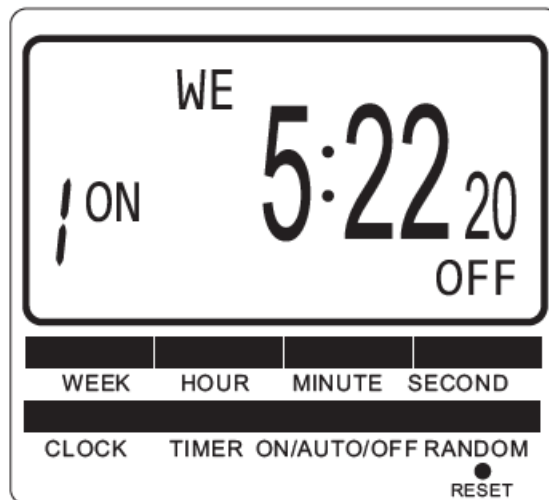
- Press “CLOCK” and “WEEK” at the same time to set the current week
- Press “CLOCK” and “HOUR” at the same time to set the current hour
- Press “CLOCK” and “MINUTE” at the same time to set the current Minute
- Press “CLOCK” and “MINUTE” at the same time to set the current Minute

## Setting of Timer Program

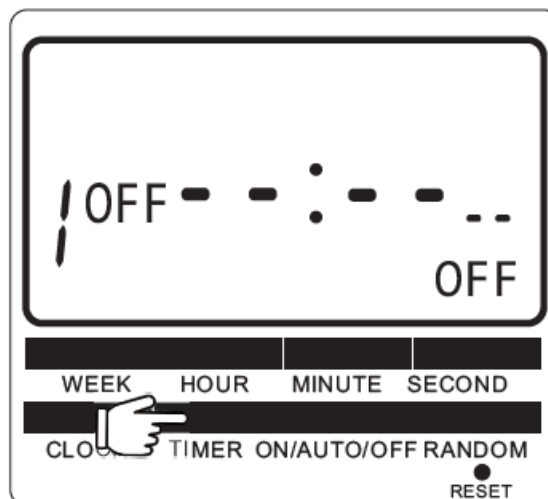
1. Press “TIMER” to enter into the setting mode, the display shows “1 ON”



2. Press "SECOND", "MINUTE", "HOUR" & "WEEK" to set each of the "1 ON" time settings.



3. Press "TIMER" again to enter and set the OFF time, the display shows "1 OFF".



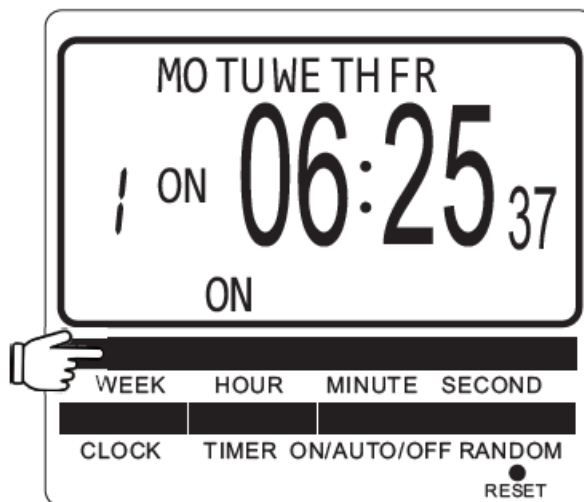
4. Press "SECOND", "MINUTE", "HOUR" & "WEEK" to set each of the "1 OFF" time settings.



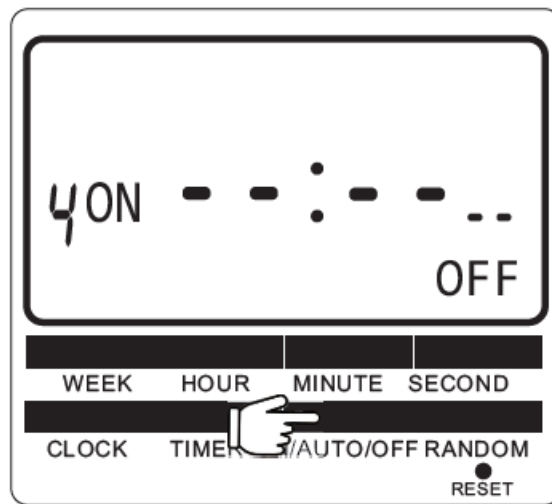
**NOTE:** Repeat press “TIMER” to enter different ON/OFF programs. The timer allows for a maximum of 20 ON/OFF settings to be programmed

### Combination of Days Setting

- 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:



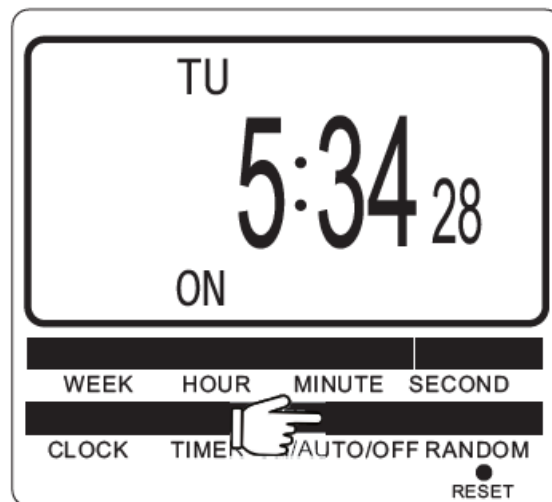
- MO + TU + WE + TH + FR + SA + SU
- MO / TU / WE / TH / FR / SA / SU
- MO + TU + WE + TH + FR
- SA + SU
- MO + TU + WE + TH + FR + SA
- MO + WE + FR
- TU + TH + SA
- MO + TU + WE
- TH + FR + SA
- Press “ON/AUTO/OFF” button for cancelling the setting week days. Press “ON/AUTO/OFF” button again for coming back to the previous week setting.



## Timer Turn ON & OFF Mode Setting

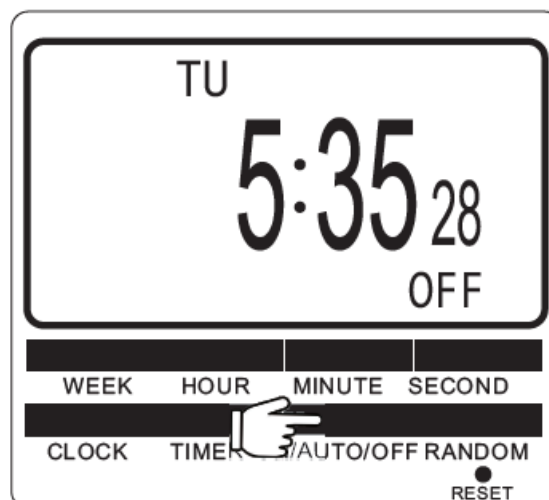
### ON:

Press "ON/AUTO/OFF" button until the screen shows "ON". In this status, the timer always has an output. The red LED output indicator is ON



### OFF:

Press "ON/AUTO/OFF" button until the screen shows "OFF". In this status, the timer always has no output. The red LED output indicator is OFF

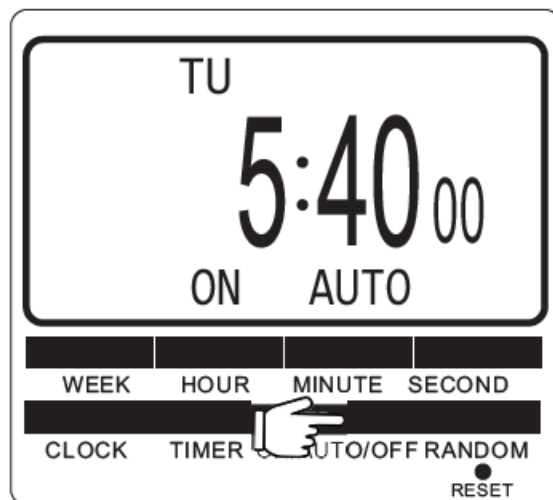


### ON AUTO:

Press "ON/AUTO/OFF" button 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 programmed.



### OFF AUTO:

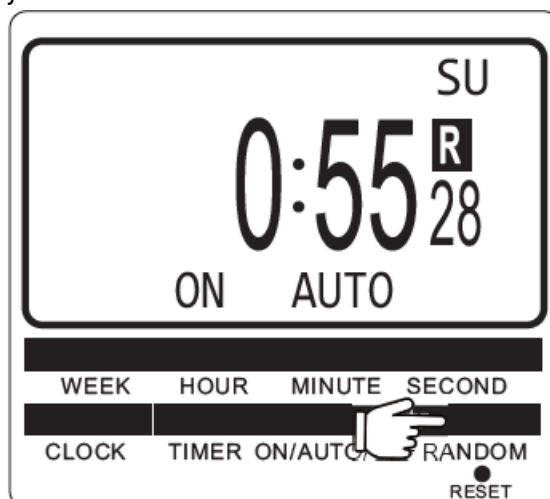
Press "ON/AUTO/OFF" button from "OFF" to "AUTO". In this status, the red LED output indicator is OFF, the timer will stay off until the next on setting arrives. And then it will work exactly as programmed



## Special Functions

### Anti-theft Random Function:

Press "RANDOM" to enter RANDOM mode setting when timer in ON AUTO, AUTO or AUTO OFF. The display will show "R" at the right side of display.

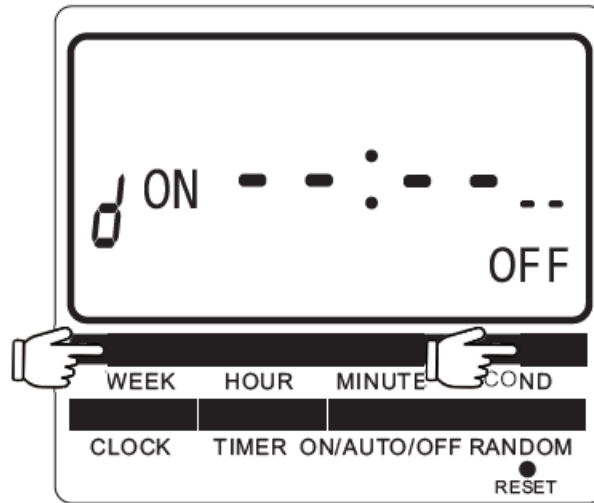


When starting the random mode, the timer will turn on and off randomly with a 2-32 minute variation based on the on and off schedule you set.

The RANDOM function can only work when the timer setting is finished, and the time is in auto mode. Press "RANDOM" again to exit the Random mode.

### Count Down Function:

Press "WEEK" and "SECOND" at the same time to enter COUNT DOWN mode setting. The display will show "d ON" at the left side of display



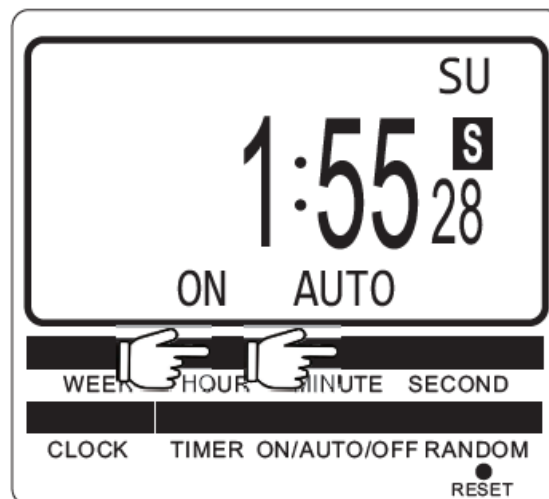
You can press "HOUR", "MINUTE" and "SECOND" to set the count down time you want, the duration of count down can be set from 1s to 99h 59m 59s.

Press "ON/AUTO/OFF" to choose "ON" or "OFF" model of count down.

Press "TIMER" to start the count down function. Press "TIMER" again to reset the count down time. Press "WEEK" and "SECOND" again to exit the Count down mode.

### Summer Time Setting:

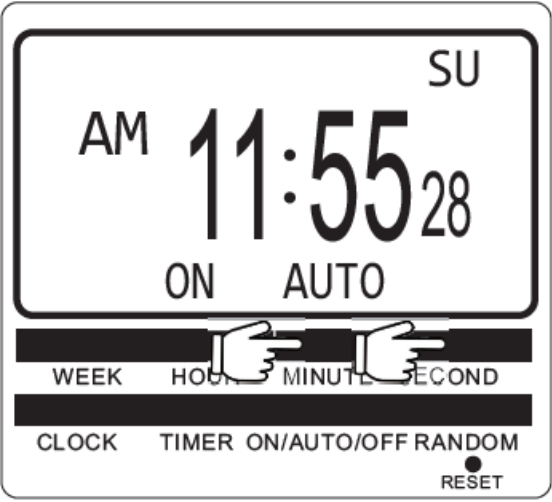
Press "HOUR" and "MINUTE" to enter the Summer Time mode setting. The display will show "S" at the right side of display



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 "MINUTE" again to exit the Summer Time mode

### 12/24 Hours Switching:

Press "MINUTE" & "SECOND" 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 “MINUTE” and “SECOND” to exit the 12 Hours mode.

- [www.major-tech.com](http://www.major-tech.com)
- [sales@major-tech.com](mailto:sales@major-tech.com)

Documents / Resources

	<a href="#">MAJOR TECH MTD7 20 On-Off Digital Programmable Timer</a> [pdf] Instruction Manual MTD7 20 On-Off Digital Programmable Timer, MTD7, 20 On-Off Digital Programmable Timer, D igital Programmable Timer, Programmable Timer, Timer
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References

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