ATRONICS ™/MC

Thank You for purchasing this Atronics™ timer. We appreciate the trust and confidence you have placed in Atronics™. We are dedicated to the ongoing creation of quality products designed to enhance your living environment. Please visit us at www.atron.ca. Thank you for choosing Atronics™!

DT101   Digital Lamp or Appliance Timer

Product Description:
7-Day / Weekly Cycle Digital Timer
Program up to 40 ON / OFF Settings
Program Different Settings for Each Day of the Week
Polarized Plug
Single Polarized Timed Outlet

Caution: DO NOT EXCEED CAPACITY
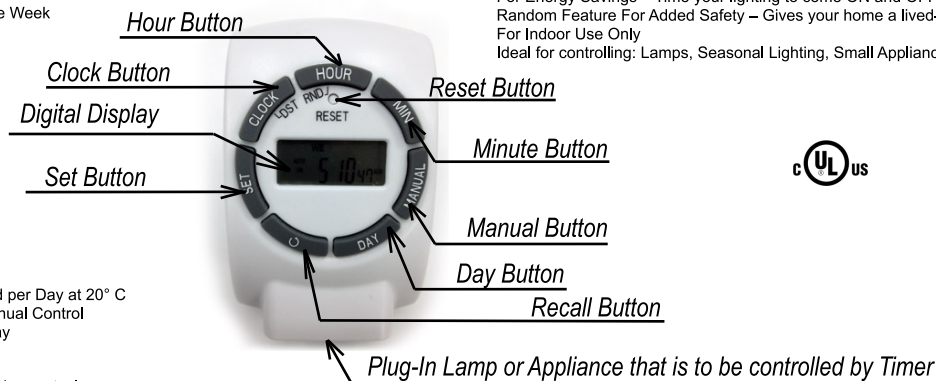
Electrical Ratings:
125 VAC 60Hz
15 A
1875 W Resistive
1000 W Tungsten
500 W Electronic Ballast
1/3 HP

Other Specifications:
Programmable Time Increments: 1 Minute
Timer Accuracy: +/- 1 Second per Day at 20° C
Output Control: Timer or Manual Control
Output Switch: UL R/C Relay

Applications:
Lamp Timer or Small Appliance Timer
For Convenience – Come home to an illuminated home.
For Energy Savings – Time your lighting to come ON and OFF as needed.
Random Feature For Added Safety – Gives your home a lived-in look.
For Indoor Use Only
Ideal for controlling: Lamps, Seasonal Lighting, Small Appliances, Fans

Hour Button
Clock Button
Digital Display
Set Button
Reset Button
Minute Button
Manual Button
Day Button
Recall Button
Plug-In Lamp or Appliance that is to be controlled by Timer

A. Initial Set-Up:
1. Plug the product into a (125 VAC 60 Hz) receptacle.
2. Push the reset button, "R", to reset the timer. The display will now read "88:88 88"
3. After a few seconds the display will change to read "12:00 00". With the clock mode displayed, set the clock to the current time.

B. Setting Current Time:
1. Press and hold the "CLOCK" button during this entire procedure.
2. Press the "HOUR" button to advance the hours.
3. Press the "MIN" button to advance the minutes.
4. Press the "DAY" button to advance the day.
5. Note: If any buttons are pressed for a prolonged period, the display will advance   rapidly.
6. Release the "CLOCK" button once the time and day have been entered. The timer is now in operation and ready to be programmed. The colon ":" in the hours of the display will continually flash indicating the clock is functioning.

C. Programming ON / OFF Events
1. Press the "SET" button. The time of day as it is set disappears from the display. "PROG 1 ON" "– : –" appears on the display.
2. Using the "HOUR" and "MIN" buttons, enter the desired ON time. By default all days are indicated. Refer to "Block Programming" below for selecting different days. When complete, press the "SET" button one time.
3. "TIMER OFF - - : - - " will be displayed. Using the "HOUR" and "MIN" buttons, enter the desired OFF time. By default all days are indicated. Refer to "Block Programming" below for selecting different days. When complete, press the "SET" button to store the setting.
4. Note: Total of 40 ON / OFF events (20 program pairs) can be programmed.

D. Programming Additional ON / OFF Events:
1. For multiple settings, repeat the above programming sequence. The display shall show the next vacant storage space; example, "PROG 2 ON - - : - -". You can program in up to 40 different program events (20 program pairs).

E. Block Programming:
1. When programming ON / OFF events, all days are indicated by default. To change the day selection, simply keep pressing the "DAY" button and the display will change as follows:
    a. Individual day settings: "MO" or "TU" or "WE" etc.
    b. Weekdays - Monday to Friday setting: "MO" "TU" "WE" "TH" "FR"
    c. Weekends - Saturday and Sunday setting: "SA "SU"
    d. Monday to Saturday setting: "MO" "TU" "WE" "TH" "FR" "SA"
    e. Daily - Monday to Sunday setting: "MO" "TU" "WE" "TH" "FR" "SA" "SU"
    f. Monday, Wednesday & Friday setting: "MO" "WE" "FR"
    g. Tuesday, Thursday & Saturday setting: "TU" "TH" "SA"
    h. Follow the steps above to complete programming.
Once a single-day or one or more of the above multi-day combinations is incorporated in the device's memory as part of the program, the programmed switching order shall be carried out on each of these weekdays at the same time.

F. Preview / Revision of Programmed Events:
1. For the purpose of revising (or previewing), the "SET" button serves to bring the individual programmed event commands successively into the display at any time. Revisions are accomplished by simply changing the hour and/or minutes and/or day(s) by applying the appropriate keys as described previously.

G. Deleting Programs:
1. Press the "SET" button, then use the "Recall" button ↻ to disable the relevant programmed time setting command. Press "Recall" button ↻ again to recall the time setting.

H. Current Event Indication:
The actual switching condition is shown in the display as "ON", "AUTO ON", "OFF" or "AUTO OFF" together with the time of day.

I. Manual Override Switch:
Independent of the programming, it is possible, at any time, to advance the next switching command by pressing the "MANUAL" button, as follows.
    ON: Always ON
    OFF: Always OFF
    AUTO ON: Current output is ON to be followed by program setting
    AUTO OFF: Current output is OFF to be followed by program setting

J. Programming Automatic Countdown Shut-Off Operation:
1. Use the "SET" button to bring the countdown timer icon "CTD" onto the display.
2. Press "HOUR" and "MIN" buttons to set the countdown time.
3. Press the "CLOCK" button to store the setting and return to current time display mode.

K. Programming Manual Countdown Shut-Off Operation:
1. Press the "HOUR" and "MIN" buttons at the same time to start the countdown function
2. During the countdown period:
        a. Press the "MANUAL" button to pause (hold) the countdown
        b. Press the "MANUAL" button again to restart the countdown
        c. Press the "HOUR" and "MIN" buttons at the same time to advance the time of countdown

L. Random (RND) ON / OFF Setting:

The random feature provides your home with a lived-in look, increasing safety and security. This feature is very useful when you are vacationing away from your home.
The programmed events that you have previously set will be executed in a random manner varying within 30 minutes. This function will only operate if one or more programmed events are set.
1. Press the "HOUR" button for 3 seconds. The timer will change to "Random Status". The display will show "RND" symbol blinking.
2. Repeat the above procedure to cancel the Random function. The "RND" symbol will disappear from the display.

M. DST (Daylight Saving Time) Adjustment:
1. Press the "CLOCK" button for 3 seconds to activate the Daylight Saving Time one-hour adjustment. The present time will advance by one hour and the "+1h" symbol appears on the display.
2. To return to Standard Time, press the "CLOCK" button for 3 seconds.

N. Back-Up Power for Memory Protection and Easy Programming:

In the event of a power failure the internal battery ensures that the clock function continues to operate and the programmed events remain intact for a period of up to 30 days.
No need to ever replace the battery.

This device can be programmed without being plugged into the AC power source, provided the internal battery is fully charged.

Note: The display blanks if the battery is discharged completely.

SAFETY WARNING:

Risk of Electric Shock:
Plug directly into an electrical outlet. Do not use with an extension cord.
For indoor use only
Remove (unplug) timer from outlet before cleaning
Do not use in wet or damp areas
Keep children away from timer and outlet

Risk of Fire:
Do not use to control irons
Do not use to control cooking appliances
Do not exceed electrical ratings

Limited Warranty:
Atron Electro Industries Inc. (Atron) warrants to the original purchaser, that this timer (product) shall be free from defects in material and workmanship for a period of five (5) years from the date of purchase. During the "in-warranty" period, defective product will be repaired or replaced at the sole discretion of Atron. This warranty covers normal domestic usage and does not cover damage which has occurred in shipment or failure which results from alteration, accident, misuse, abuse, or improper maintenance.

Defective product should be returned to the original place of purchase within the retailer's stipulated return/exchange period.

If product is found to be defective outside the retailer's return/exchange period, then return product postage/shipping prepaid along with the original purchase receipt to:

Customer Service Department
Atron Electro Industries Inc.
429 Alliance Ave.
Toronto, ON M6N 2J1

Atron will not be liable for incidental or consequential damages.

Additional information may be found at www.atron.ca

Version: JTH v4 Sep 30 2013
Printed in China

Atronics is a trademark of Atron Electro Industries Inc.
© Copyright 2013 Atron Electro Industries Inc.