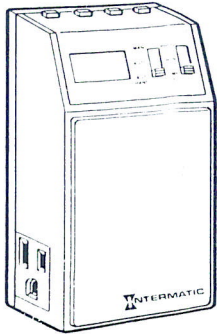




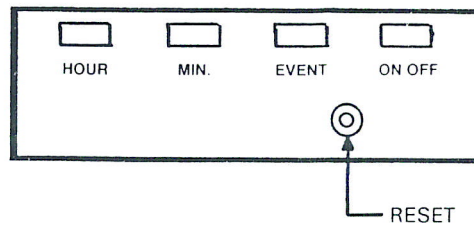
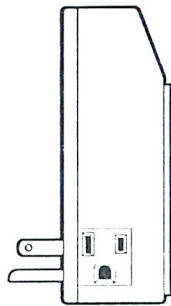
## DIGITAL PROGRAMMABLE PLUG-IN LAMP AND APPLIANCE TIMER



Model DT1, Digital Programmable Plug-in Lamp and Appliance Timer, is for controlling all types of loads up to 15 Amps., 120 Volts, 60 Hz. The DT1 timer is programmable to automatically turn loads ON up to 4 times daily and OFF up to 4 times daily. The DT1 is for indoor use only.

### FEATURES:

- Up to 4 ON and OFF settings per day.
- Plugs directly into wall outlet.
- 3-prong grounded plug and outlet.
- Controls all types of loads, such as lamps (including fluorescent), T.V.s., stereos, and appliances.
- Easy to set hand-held programming.
- LCD digital clock and readout.
- To-the-minute setting accuracy.
- "AA" (1.5 volt) alkaline, non-rechargeable battery maintains program even during power failure (battery included).
- Random setting feature to avoid predictable "timer controlled" look.
- Manual override feature.
- 15 Amps. inductive, 15 Amps. resistive (1800 Watts resistive) 500 Watts tungsten, 1/3 H.P., 120 Volts, 60 Hz..



### The DT1 Display Features:

- The first 2 push buttons across the top are for setting the HOUR and MINUTE (MIN).
- The third push button is for the EVENT, which represents the set points numbered 1-8. Numbers 1, 3, 5 and 7 are the ON set points and numbers 2, 4, 6 and 8 are the OFF set points. These EVENT numbers will appear in the lower right-hand corner of the display area when the button is depressed during the programming mode. (See LCD display section).
- The fourth push button ON/OFF is used to turn the load ON or OFF.
- The RESET button is used to clear all memory.

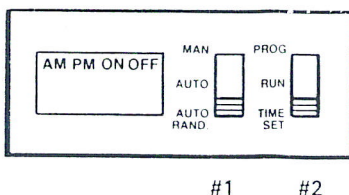
### IMPORTANT NOTE BEFORE USING

The DT1 is for indoor use only, and, therefore, may not operate in temperatures below 32° F (0° C) or above 120° F (50° C).

### CONTROLS AND INDICATORS

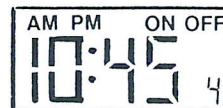
The DT1 has (2) 3-position slide switches located on the right side of the front panel and 4 push buttons located across the top of the unit. The digital clock readout is located on the left side of the front panel.

### Button and Switch Arrangement:



1. The slide switch labeled #1 above is for controls selection. Its 3 positions are MANUAL/AUTOMATIC/AUTOMATIC RANDOM.
2. The slide switch labeled #2 above is for mode selection, which means it is for setting time and events. Its 3 positions are PROGRAM/RUN/TIME SET.

### LCD Display:



### The LCD Display features:

- 1 small digit for event.
- AM/PM indicator.
- ON/OFF indicator.
- Time display.
- Flashing colon.

## OPERATING INSTRUCTIONS

### Mode Operation

**NOTE:** Unit does not need to be plugged into outlet to set time or events. This unit can be programmed while holding it in your hand.

#### TIME SET MODE:

The following instructions are for setting the time of day only, so digital readout will accurately display the correct time for your area.

1. Slide to TIME SET position on slide switch #2.
2. Press HOUR button until the hour desired is reached. Watch the AM/PM indicator to arrive at desired choice. To advance the hours faster, push and hold the HOUR button.
3. Press MIN. button until desired minute is reached. To advance the minutes faster, push and hold the MIN. button.
4. Slide switch #2 to "RUN" position after setting the time.

**NOTE:** In the TIME SET MODE, the LCD (clock) will not change unless altered by pressing HOUR or MIN. buttons. If changes are made to the time, the seconds (which are not displayed) will be reset to zero. The internal clock starts running at this new time when the switch is placed in RUN.

#### PROGRAM SET MODE:

This mode is for programming the times during the day which the lamp/appliance is to turn ON and OFF.

1. Slide to PROG. position on slide switch #2, the LCD will display EVENT 1. The time (set point) showing will be 0:00, indicating no set point has been entered for the first ON time.
2. Press the HOUR and MIN. buttons to set the desired time for EVENT 1 as in setting the clock time. Watch AM/PM indicator to arrive at desired choice. To advance the hours and minutes faster, push and hold the HOUR and MIN buttons.
3. Press the EVENT button for EVENT 2 (OFF time), follow step 2, and continue this procedure until all set points desired are programmed, up to a maximum of 4 ON and 4 OFF. All 8 set points do not need to be used, just make sure the other set points read 0:00 if not in use.
4. To clear current program (or so reading is 0:00 time) press the ON/OFF button **twice**.
5. To review the programmed set points, just press the EVENT button stepwise. The switch **must be** in the PROG. position in order to review the set points.

**NOTE:** If set points are placed out of sequence such as the OFF set point is before the on set point, the DT1 will correct this and place set points in the proper order.

Next, you must choose between the AUTO MODE, AUTO RANDOM MODE, or the MANUAL CONTROL MODE described in the CONTROL SECTION.

#### CONTROL SELECTION:

##### AUTO Mode and AUTO RANDOM Mode:

These modes will operate the DT1 automatically, which means it will turn your lamp/appliance ON or OFF at the programmed set point without any further assistance.

1. Slide to RUN position on slide switch #2.
2. For AUTO MODE, place switch #1 in AUTO position if fixed time is desired OR in AUTO RAND position if random time is desired.
3. In AUTO, automatic control will be performed within one second after the program set point matches the real time displayed on the LCD.
4. In AUTO RAND the DT1 will not turn the lamp/appliance ON or OFF at the specified set point, but instead the time will vary from the set point by a range of +/- 1 to 15 minutes. Should this cause an overlap in the next scheduled EVENT, then this next set point will be performed 1 to 3 minutes after the previous set point was activated to avoid delay time accumulation. The random feature will give the home a "lived in look" by varying the ON/OFF times while no one is present.
5. The LCD will display the real time with a flashing colon (:).
6. The ON/OFF indicator will reflect the current clock state.

#### b. MANUAL CONTROL MODE:

This mode places the DT1 in a dormant state, which means lamp/appliance will not be activated by the programmed set points. The LCD clock readout will continue to read the real time, but the lamp/appliance will not turn ON or OFF at the programmed set points unless the ON/OFF button is pressed to read ON. The ON/OFF indicator reflects the existing output state.

1. Slide to RUN position on slide switch #2.
2. Slide to MAN position on slide switch #1.

## D. BATTERY REPLACEMENT

1. Battery must be replaced when LCD readout begins to fade. The DT1 has one AA (1.5 volt) alkaline, non-rechargeable battery included. This battery is located in the back of the unit.
2. Battery can be removed and replaced by pressing the hinge on the compartment door and pulling cover down. Battery is on inside of compartment door.
3. Insert battery in compartment by placing positive (+) battery terminal to the right and negative (-) terminal to the left.
4. Replace compartment door.

## E. RESET

The RESET button can be pushed by using a small pointed object like a pencil or paper clip. This will clear all memory, both the programmed events and the clock. To reprogram simply refer to the OPERATING INSTRUCTIONS above.

## FULL ONE YEAR WARRANTY

If within one (1) year from the date of purchase, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it free of charge. The warranty does not apply to (a) damage caused by accident, abuse, mishandling or dropping; (b) units which have been subject to unauthorized repair, opened, taken apart; (c) units not used in accordance with directions; (d) damages exceeding the cost of the product. Some states do not allow a limitation of damages, so the foregoing limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing postage prepaid to the authorized service station listed below. Please be sure to wrap the product securely when mailing to avoid damage. This warranty is made by: Intermatic Incorporated, Intermatic Plaza, Spring Grove, Illinois 60081-9698.

### AUTHORIZED SERVICE STATION INTERMATIC INCORPORATED

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