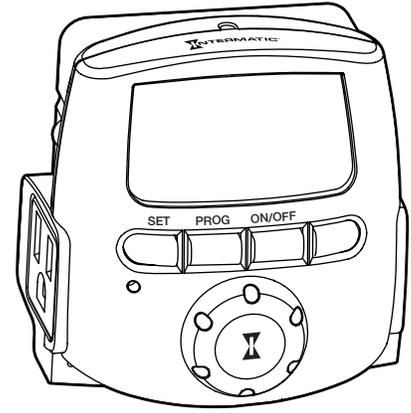# INTERMATIC®

Libertyville, Illinois 60048
www.intermatic.com

Digital Landscape Timer

MODEL DT200LT
for use in Low Voltage Transformers up to 1200 W

SAFETY SECTION

<table>
<tr><td align="center">⚠ WARNING</td></tr>
</table>

Risk of Fire or Electrical Shock
- Do Not use the timer to control devices that could have dangerous consequences due to inaccurate timing, such as sun lamps, saunas, heaters, crock pots, etc.
- Unplug the timer before replacing batteries.
- Do Not use to control receptacles.
- Installation should be in accordance with national and local electrical code requirements.

<table>
<tr><td align="center">*NOTICE*</td></tr>
</table>

- Dispose of product per local regulations for disposal of used batteries.

<table>
<tr><td align="center">⚠ WARNING</td></tr>
</table>

- **Ingestion Warning:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Replace only with LR44 (1.5 V) Batteries.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -)."
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

PRODUCT DESCRIPTION

The Intermatic DT200LT Digital Landscape Timer is a simple-to-use landscape timer to be used with low voltage transformers up to 1200 W in order to control landscape lighting. This timer supports pre-programmed dawn/dusk times or one set of custom ON/OFF times.

Specifications

Output
- 15 A Resistive, 120 VAC
- 12 A Inductive, 120 VAC
- 1000 W, 120 VAC
- 1/2 HP, 120 VAC

Input
- 120 VAC, 60 Hz, 2.5W max

Operating Temperature
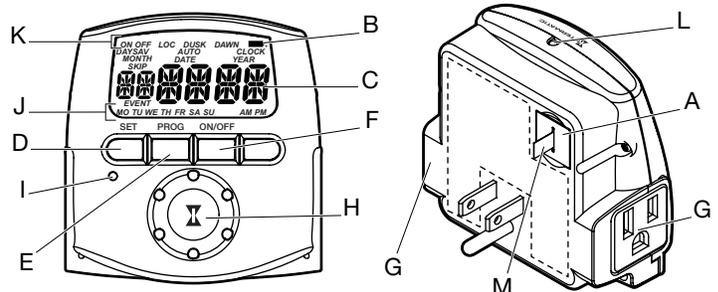- -40°F to 122°F (-40°C to 50°C), for 1200 W, 120 VAC

Batteries
- Two LR44 batteries that keep time and settings for up to three months without power

TIMER OVERVIEW

Item	Description
A	Battery Holder
B	Low Battery Indicator
C	Time of Day Display
D	SET Button
E	PROG Button
F	ON/OFF Button
G	Grounded Outlet (2)

Item	Description
H	Selector Knob
I	Reset Button
J	Day of the Week Display
K	Mode Display
L	ON/OFF Indicator Light
M	Battery Pull Tab

INITIAL SETUP

Overview

Upon first use, you must enable the battery and then set the Time, Date, and Location.

Enabling the Battery

1. Remove the pull tab (M) from the battery holder, if present. See FIG. 1.
2. When the display shows 12:00 AM, the timer is ready for initial set up. See FIG. 2. If 12:00 AM does not display, perform a Factory Reset or see the Troubleshooting section.

Note: *The timer may be set while unplugged. The display turns OFF after 1 minute of inactivity to save battery. Press any button to turn the display back ON.*
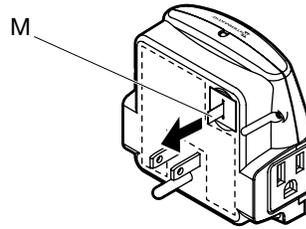
Setting the Time, Date, and Location

Upon initial use, you can easily program these timer settings in succession by completing the steps in this section.

1. Turn the selector knob (H) to select the correct hour of the day. Press **SET** (D). Repeat to select the minute of the day. See FIG. 2.
2. Turn the selector knob (H) to select the correct **YEAR**. Press **SET** (D). See FIG. 3.
3. Turn the selector knob (H) to select the correct **MONTH**. Press **SET** (D). See FIG. 3.
4. Turn the selector knob (H) to select the correct **DATE**. Press **SET** (D). See FIG. 3.
5. Turn the selector knob (H) to select the correct Daylight Savings Time setting. The options are OFF, US/CAN, and Mex.

   a. If in Hawaii or Arizona, select OFF. Press **SET** (D).

   b. If you live in a part of Mexico that observes US/Canada Daylight Savings Time, select US/CAN. Press **SET** (D).
6. Turn the selector knob (H) to select the state you are in. Press **SET** (D). See FIG. 4.
7. Turn the selector knob (H) to select the section of the state you are in. Press **SET** (D). See FIG. 4.
8. Turn the selector knob (H) to select the time zone you are in. Press **SET** (D). See FIG. 5.
9. Turn the selector knob (H) to adjust the DAWN offset time (+/- 15, 30, 45 or 60 minute increments). Press **SET** (D). Offset is the amount of minutes you want the lights to come on before (-) or after (+) DAWN or DUSK. Repeat for the DUSK offset time. See FIG. 6.
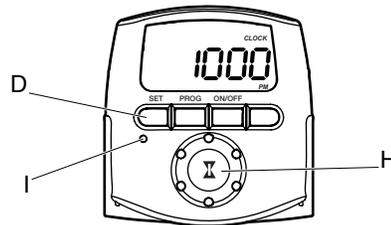10. Press **SET** (D) to finish setting up the timer.
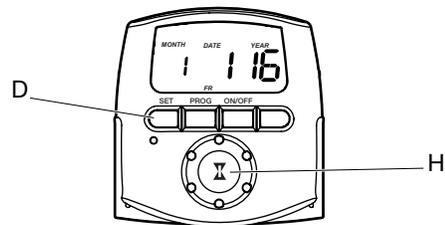

FIG 1. Removing the Pull Tab

FIG 2. Setting the Time

FIG 3. Setting the Date
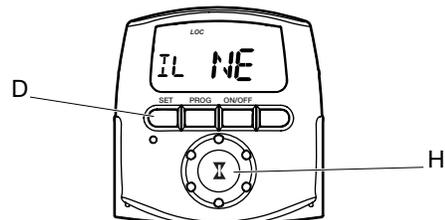

FIG 4. Setting the State
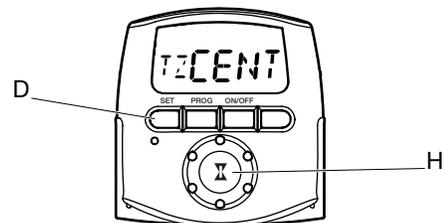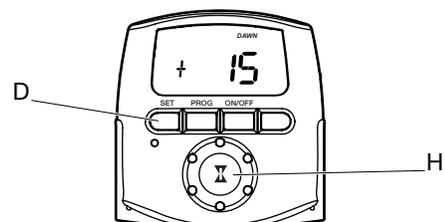

FIG 5. Setting the Time Zone

FIG 6. Setting the DAWN/DUSK Offset Time

Changing Configuration Settings for Time, Date and Location

1. Press **SET** (D).
2. Follow steps 1 through 9 under **Setting Time**, **Date**, and **Location**.
3. Press **PROG** (E), to return to main screen.

PROGRAMMING

This timer comes pre-programmed to turn ON at dusk and OFF at dawn. If you wish to adjust this time to another ON/OFF time, complete the programming steps in this section. This timer only holds one set of ON/OFF times (either the pre-programmed Dawn/Dusk times or the custom times you program using the steps in this section).

Changing the Pre-Programmed Dusk (ON) Time

To change the DUSK time to another ON time:

1. Press **PROG** (E) twice.
2. Turn the selector knob (H) until a time appears on the screen. Press **PROG** (E).
3. Turn the selector knob (H) to select the correct ON hour. Press **PROG** (E).
4. Turn the selector knob (H) for the correct ON minute. Press **SET** (D). See FIG. 7.
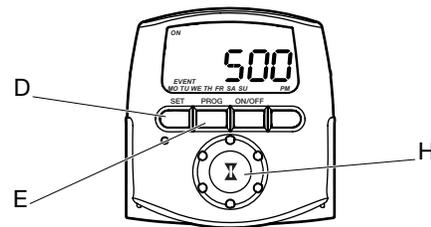

FIG 7.   Changing the Dusk (ON) Time

Changing the Pre-Programmed Dawn (OFF) Time

To change the dawn time to another OFF time:

1. Press **PROG** (E).
2. Turn the selector knob (H) until OFF is in the top left corner of the screen. Press **PROG** (E).
3. Turn the selector knob (H) so that a time appears on the screen. Press **PROG** (E).
4. Turn the selector knob (H) to select the correct OFF hour. Press **PROG** (E).
5. Turn the selector knob (H) to select the correct OFF minute. Press **SET** (D). See FIG. 8.
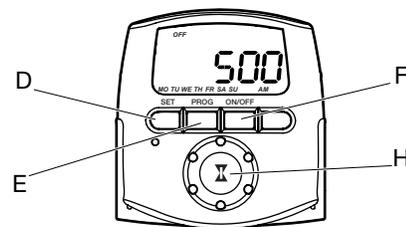

FIG 8.   Changing the Dawn (OFF) Time

PERFORMING A FACTORY RESET

To clear any programming or reset the timer at any time, perform these steps:

1. Press and continue to hold the **ON/OFF** button (F).
2. Using a paperclip, press and release the **RESET** button (I).
3. Keep holding the **ON/OFF** button (F) until 'CLR' appears on the screen, then release.
4. When you see 12:00 AM displayed, your timer is ready for programming. See FIG. 9.

FIG 9.   Performing a Factory Reset

OPTIONAL – Overriding the Programmed ON/OFF Times

Press the **ON/OFF** (F) button to override the pre-programmed ON/OFF time until the next ON/OFF time occurs.

OPERATION

Operating the Timer

Plug the timer into an outlet. Ensure the ON/OFF indicator (L) is illuminated. This indicates that the timer is ready and operational. Plug your landscape lighting or low voltage transformer into one of the outlets (G) on the timer.

Battery Maintenance

Low voltage is indicated by the low battery indicator (B) on the display.

- The timer requires two LR44 batteries that keep time and settings for up to three months without power.
- Replace batteries as soon as possible after the low battery indicator appears.
- Change batteries within one minute of unplugging to keep settings.
- Unplug the timer before replacing batteries.
- To remove the batteries, carefully pry the battery holder up with a small flat screwdriver. Install the new batteries as shown in Fig. 10. Firmly place the battery holder into the switch.
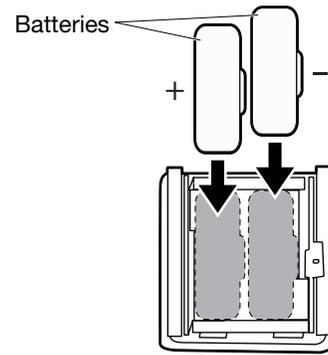
FIG. 10   Replacing the Batteries

LIMITED WARRANTY

This warranty service is available by either (a) returning the product to the point of purchase or (b) by completing a warranty claim online at www.intermatic.com. You are required to provide a receipt, the model number and/or serial number when exercising this limited warranty. This warranty is made by: Intermatic Incorporated, 1950 Innovation Way, Suite 300, Libertyville, IL 60048. For warranty service go to: http://www.Intermatic.com or call 815-675-7000.

TROUBLESHOOTING GUIDE

Problem	Probable Cause	Solution
The battery symbol always shows in the upper right of the display when plugged in or no display at all when unplugged and buttons are pressed. Please note that the battery display takes 1 minute to recognize installed or removed batteries.	The batteries are either: • Low • Not installed • Not installed correctly • Still have the pull tab • Poor contact in the battery holder	• Remove the pull tab, if present. • Verify the battery polarity per the outline on the inside or "+/-" on the outside of the battery holder. • Bend the contacts of the battery holder to touch the batteries firmly. • Replace both batteries. Use two type LR44 or A76.
The timer switches at the incorrect times or skips some of the programmed times.	Programmed schedule(s) are incorrect.	Press **PROG** to review the settings and revise them as necessary. See the instructions included with this manual.
The lights or controlled devices do not match the programmed ON/OFF status immediately after setting the time or programming a schedule.	The timer does not "catch up" automatically to the programmed load state. The status of the timer will remain as is until it comes to the next programmed ON/OFF time.	After programming your events or the time, push the **ON/OFF** button to change the load state, if necessary.
The timer shows ON but the light or other controlled device is off.	The light or controlled device itself may be switched off or the light bulb may be burned out.	Make sure the light or controlled device is switched on and plugged in or replace the light bulb.