

# INTERMATIC® MODEL DT500CL Series Digital Timer

## Installation and User Instructions

### Ratings

- Input: 102-132 VAC 60 Hz, 2.5W max.
- Output: 10 Amp/1200W Resistive, 5 Amp Inductive, 500W Tungsten

### WARNING

- **Electrical shock hazard. Risk of injury or death. Always plug three-prong plug into a properly grounded outlet. Never attempt to defeat this safety feature.**
- **Risk of fire. Do not use timer to control devices that could have dangerous consequences due to inaccurate timing, such as sun lamps, sauna, heaters, crock pots, etc.**

### NOTICE

- Follow local electrical codes during use.
- Dispose of used batteries promptly per local regulations.

### 1 – Activate the Battery

The timer comes with two LR44 batteries installed.

1. Remove the pull tab from the battery holder to connect the installed batteries.
2. The timer will turn on and show the default display (MO, "12:00 PM") with the "12" flashing (Fig. 1).

*NOTE: If the default display doesn't show, the batteries may be dead. Replace the batteries before using the digital timer.*



Fig. 1

### 2 – Get Familiar with the Timer's Features

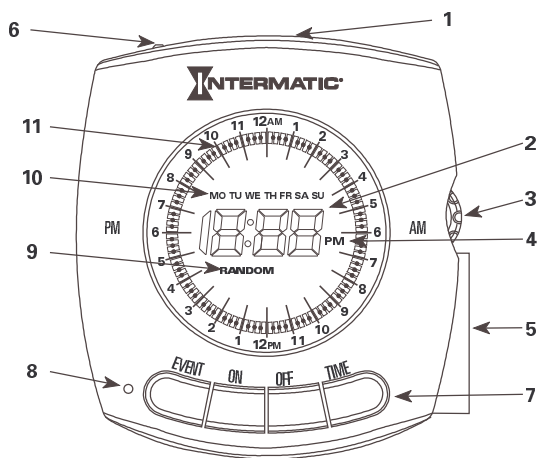


Fig. 2

1. Battery Holder — two LR44 batteries keep time and data up to three months without power
2. Time Of Day (TOD) Display — acts like a clock during normal operation, displays messages during programming and displays alerts, such as the Low Battery Display
3. Selector Wheel
4. PM Indicator — comes on to indicate TOD is PM, goes out to indicate TOD is AM

5. One Timed Outlet — has green LED that lights when outlet is turned on
6. Green LED
7. Pushbuttons — used for setup, programming and manual operation of plugged-in device
8. Reset Button
9. Random Display — indicates when the Random feature is turned on. Random uses the timer's settings varied by random 5-minute increments of  $\pm 15$  minutes.
10. Day Of Week (DOW) Display — events can be programmed for just one day of the week (Daily Mode, 21 total events), all the days of the week (Weekly Mode, 48 total events), or just weekends or weekdays (Weekend/Weekday Mode, 24 + 24 total events)
11. Event ON/OFF Indicators — a full day is broken into 96 segments (15 minutes each) to show the ON and OFF times programmed

*NOTE: The timer may be set up and programmed before you plug it in. Be aware that while it is unplugged, the display will turn off to conserve battery power if there is no pushbutton activity for a few minutes. If this happens, simply push any button to turn the display back on.*

### 3 – Clear Any Existing Programming

It's unlikely that your new digital timer has any existing programming, but to make sure, use this procedure *before setting the time.*

1. Locate the Reset button. It is the small, round hole adjacent to the keypad. You will need a pen or paper dip to press this button.
2. Press and release the Reset button. The display will light up all the segments and then go blank.
3. The timer has erased all programming, displays the default settings (MO, "12:00 PM") and is ready for setup.

### 4 – Set the Time, Day and Operating Mode

*NOTE: The time, day AND operating mode must be set before any ON Events can be programmed. Settings for time and ON Events will not be activated until setup and programming are complete.*

#### Setting Time and Day

1. Ensure that the time is displayed. A timer that is just reset will display MO, "12:00 PM".
2. The first two digits (hours) of the Time of Day (TOD) display will begin to flash (Fig. 3).
3. Turn the selector wheel until the correct hour shows in the TOD hours display, along with the PM indicator, if desired. Note that PM indicator will alternate on and off as the time passes through noon and midnight.
4. Press the ON button to set the new hour. Or, if no change to the hour is needed, press the TIME button to keep the original hour setting. The last two digits of the TOD display (minutes) will begin to flash (Fig. 4).
5. Turn the selector wheel until the correct time in minutes shows.



Fig. 3



Fig. 4