INTERMATIC®

DT17 Digital Timer Installation and Operating Instructions

Thank you for purchasing the DT17 Digital Timer.
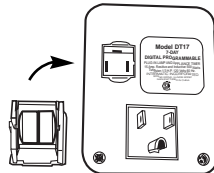Features of this timer include

Features

- Automatic or manual operation. Push ON/OFF to switch the plugged in light(s) on or off any time.
- Program up to 14 on/off time pairs per day (maximum 98 automatic switch settings).
- Minimum setting interval 1 minute.
- A setting can be for a particular day of the week, every day, only weekdays, only weekends, or every day but Sunday.
- Random feature adjusts the ON/OFF times within 15 minutes of each programmed setting.
- Batteries (replaceable) save the time and program settings when the unit is unplugged or there is a power outage.

Please read the instructions before programming your timer.

Battery Installation

Using a small flat screwdriver or coin, pry the battery holder open. Position the 2 batteries, supplied with the timer, so the flat part of the batteries are facing the + terminal. When the batteries are in place, press the battery holder back into its original position.
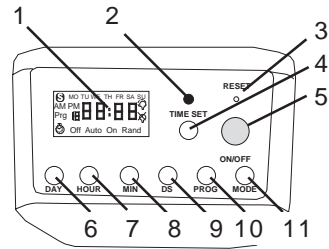NOTE: For battery replacement use SR44 or LR44

Notes:

(1) WARNING DO NOT USE THE TIMER TO TURN OFF POWER FOR MAINTENANCE (repairs, removing broken bulbs, etc.). ALWAYS TURN POWER OFF AT THE SERVICE PANEL BY REMOVING A FUSE OR CIRCUIT BREAKER BEFORE DOING ANY CIRCUIT REPAIRS.

(2) In case of a conflict (for example you have programmed the timer to be on at 4 pm every day of the week and also programmed the timer to be off at 4 pm on saturdays) the higher program number is followed. In case of a conflict within a program number Off is followed rather than On.

Familiarize yourself with the timer controls and displays.

Timer Controls

1 **Display -** LCD display (reset display shown).
2 **On light -** red LED is lit when the DT17 is in operation.
3 **RESET button -** push the RESET button with a ball point pen to clear all programming and the clock.
4 **TIME SET button -** push and hold to set the clock.
5 **ON/OFF button -** push and release to manually switch on or off at any time.
6 **Day button -** use during time set to set the day of the week. Use during programming to set individual days, weekdays, weekends or the entire week.
7 **HOUR button -** use during time set or programming to set the hour.
8 **MIN button -** use during time set or programming to set the minute.
9 **DS button -** push and hold for a couple of seconds to switch to or from daylight savings time.
10 **PROG button -** push and release to set or change programmed on and off times.
11 **MODE button -** push and release to choose ON/Off, Auto, Random or Countdown timer modes.

Displays

1. Daylight savings symbol indicates daylight savings time when on.
2. AM/PM
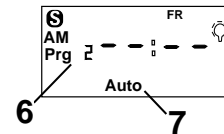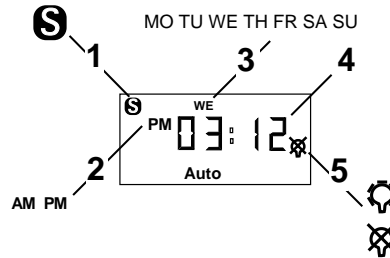**3. MO TU...** Day of the week.
4. 03:12 - Time.
5. On/Off display
On display. Usually displayed when On light is lit and timer is on, during programming indicates an on time is being programmed.
Off display (Usually displayed when On light is off and timer is off, during programming indicates an off time is being programmed.)
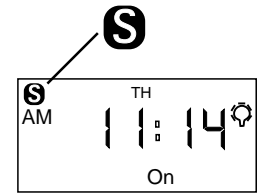**6. Program number -** (1-14)
7. Mode - Countdown Timer, Off, Auto, On, or Rand. See Modes, next page, for specific mode displays.
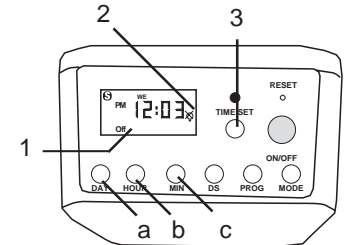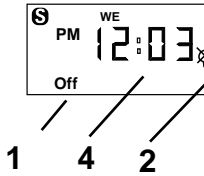

Daylight Savings Time

In Off, Auto, or On mode, push and hold DS for a couple of seconds to switch daylight savings time on or off. The daylight savings (S) symbol switches on or off and the time switches one hour in the appropriate direction.

Setting The Clock
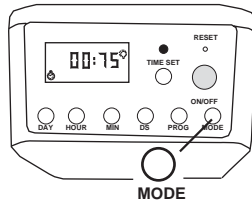
How to set the clock:

1. The mode must be On, Auto, or Off.
2. If it is daylight savings time, push and hold DS for a couple of seconds so the daylight savings symbol appears.
   If it is not daylight savings time, push and hold DS for a couple of seconds so the daylight savings symbol is off.
3. Push and hold TIME SET.
4. The blinking colon stays on (stops blinking).
While holding TIME SET:
   a. Push and release DAY to change the day of week.
   b. Push and release HOUR to change the hour and AM/PM.
   c. Push and release MIN to change the minute.

Notes:
If you push and hold DAY, HOUR or MIN the display changes quickly.
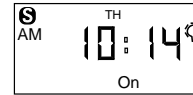*Seconds are set at 0 when the TIME SET button is released if either the HOUR or MIN have been set.*

Timer Modes
MODE
Push and release MODE to change the mode.
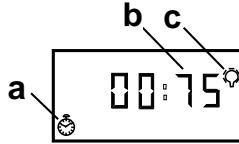The modes are Countdown timer, Off, Auto, On, and Rand.
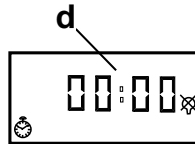
MODE

Countdown timer mode
In countdown timer mode the clock symbol is displayed **(a)**.
When countdown timer mode is entered the countdown time is set to 75 minutes **(b)**.
And the plugged in light(s) are turned on **(c)**.
The countdown timer can be set to turn the plugged in light(s) on or off after 75, 60, 45, 30 or 15 minutes. That lets you, for example, set the timer to turn the plugged in light(s) off an hour after you have left the room. The flashing alarm clock symbol indicates the DT17 is in countdown timer mode.

To set the countdown timer:
Push and release MODE until the countdown timer clock is displayed. (75 minutes is selected.)
If desired, push and release MIN to switch change the countdown to 60, 45, 30, 15 or 0 minutes.
If desired, push and release PROG ON/OFF to switch the initial state of the plugged in light(s).
Wait ten seconds or push and release TIME SET to start the countdown.
While counting down the countdown timer clock symbol flashes, and you can push TIME SET to switch between the countdown the current time.
When the countdown reaches 00:00 the connected light(s) are switched and the clock display remains 00:00 **(d)**.

Off Mode
In the Off mode the plugged in light(s) are off. You can push PROG ON/OFF to switch to ON mode and turn the plugged in light(s) on.

Auto Mode
In auto mode the programmed on and off times automatically switch the plugged in light(s) on and off. See how to program the timer, below for how to enter or change the automatic program times.
You can push PROG ON/OFF while in Auto mode to manually override the program and turn the plugged in light(s) on or off. The programmed switching times remain. The timer stays in auto mode.

On Mode
In the On mode the plugged in light(s) are on. Push PROG ON/OFF to turn the plugged in light(s) off and switch the mode to Off.

Rand Mode
In Random mode the DT17 randomly switches the connected light(s) on and off. A random on period is ± 15 minutes from the programmed times.

How to program the timer:
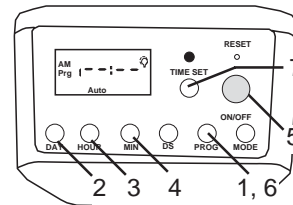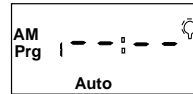You can program the timer in Auto, ON or Off modes. The program is followed in Auto mode.
1. Push and release PROG to start the programming.
Prg 1 is displayed and the display shows --:-- or the programmed time for Prg 1. timer on (lit light bulb symbol on).
--:-- display means there is nothing programmed for that Prg number and on/off time.
Note: You can push and release ON/OFF to switch between the Prg # on time and the Prg # off time. The light bulb symbol switches on or off but the plugged in light(s) do not.
2. Push and release DAY to choose the day*.

Push and release DAY several times to set: a single day MO, TU, WE, TH, FR, SA, OR SU; or all week (all days of week displayed); or weekdays (MO TU WE TH FR displayed); or weekends (SA SU displayed); or all days but sunday (MO TU WE TH FR SA displayed).
3. Push and release HOUR to choose the hour.
4. Push and release MIN to choose the minute.
5. When correct, push ON/OFF to switch between programming on time and off time for that Prg number.
6. Repeat steps 2, 3, and 4 to set the Off program.
7. Push PROG to Prg 2, Prg 3,... up to Prg 14, to program additional on and /or off times.
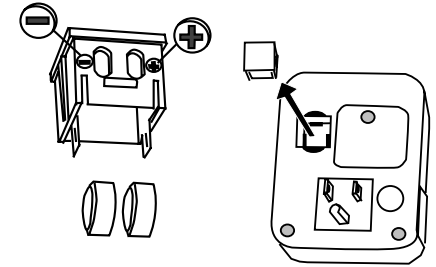**8.** Push TIME SET or wail 15 seconds to exit programming.
After the program is set, turn lamp or appliance ON and plug it into the timer. Plug the timer into a wall receptacle.

Battery replacement
Batteries retain the program during power outages. Batteries should last 3 years or more if the timer is left plugged in. If the display is dim, weak or unreadable when the timer is unplugged from the outlet replace the batteries. After removing the batteries from the unit, you have a minimum of 15 seconds to insert new batteries without losing existing program. The DT17 uses two SR44 or LR44 alkaline batteries. Purchase fresh batteries. Unplug the DT17. Follow the directions outlined in Battery Installation.

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