



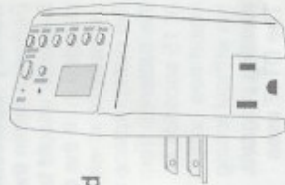
DT17 Digital Timer Installation and Operating Instructions

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.

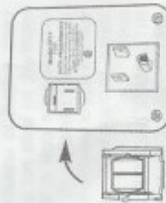
Please read the instructions before programming your timer.



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

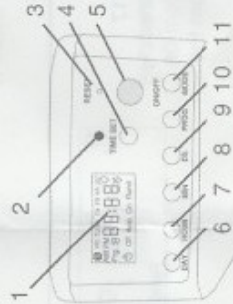


Notes:

(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 day-light savings time when on.

2. **AM/PM**

3. **MO TU... Day** of the week.

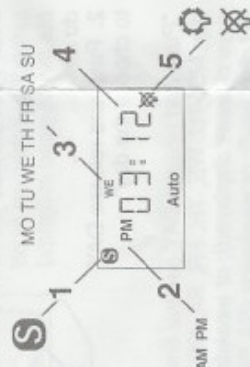
4. **03:12 - Time.**

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.

6. **Off display** (Usually displayed when On light is off and timer is off, during programming indicates an off time is being programmed.)

7. **Program number** - (1-14)

8. **Mode** - Countdown Timer, Off, Auto, On, or Rand. See Modes, next page, for specific mode displays.

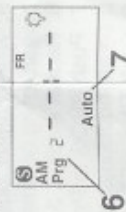


On display. Usually displayed when On light is lit and timer is on, during programming indicates an on time is being programmed.

Off display (Usually displayed when On light is off and timer is off, during programming indicates an off time is being programmed.)

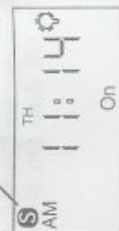
Program number - (1-14)

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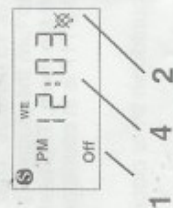


Daylight Savings Time

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.

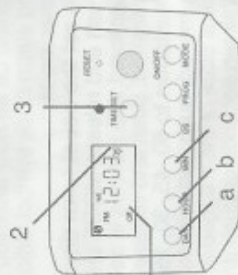
b. Push and release HOUR to change the hour and AM/PM.

c. Push and release MIN to change the minute.

Notes:

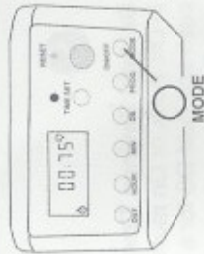
If you push and hold DAY, HOUR or MIN the display changes quickly.

Seconds are set at 0 when the TIME SET button is released if either the HOUR or MIN have been set.



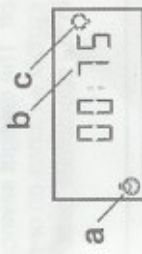
Timer Modes

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



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).



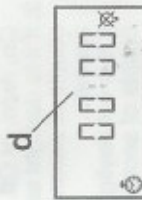
The countdown timer can be set to turn the plugged in light(s) on or off after 75, 60, 45, 30 or 15 minutes. That lets you, for example, set the timer to turn the plugged in light(s) off an hour after you have left the room. The flashing alarm clock symbol indicates the DT17 is in countdown timer mode.

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

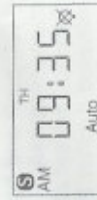
In the Off mode the plugged in light(s) are off. You can push **PROG ON/OFF** to switch to ON mode and turn the plugged in light(s) on.



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.

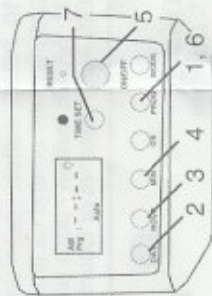
Prg 1 is displayed and the display shows --- or the programmed time

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 **HOURL** 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 wait 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.

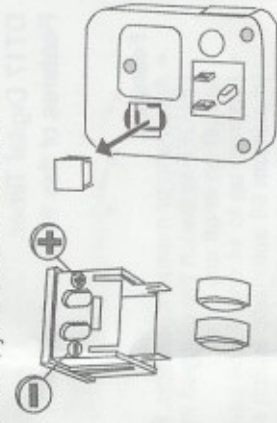
Purchase fresh

batteries. Unplug

the DT17. Follow

the directions out-

lined in Battery Installation.



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, Internatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original household purchaser only and is not transferable. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs, LED's and batteries; (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or reinstallation costs.

INTERNATIC INCORPORATED WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY MODIFIED TO EXIST ONLY AS CONTAINED IN THIS LIMITED WARRANTY, AND SHALL BE OF THE SAME DURATION AS THE WARRANTY PERIOD STATED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE 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. Warranty service is available by mailing postage prepaid to: Internatic Incorporated/After Sales Service/7777 Winn Rd., Spring Grove, IL 60081-9698/815-675-7000 <http://www.internatic.com> Please be sure to wrap the product securely to avoid shipping damage.