

User Guide



LIGHT TIMER

The LIGHT TIMER controls either lighting systems with a trigger cord or standard and electronic ballasts (two 600W or one 1000W at 120V).

ON-Cycles (Day cycles) last 12 or 18 hours, as selected by the user. An internal rechargeable battery maintains the cycles in the event of a power outage.

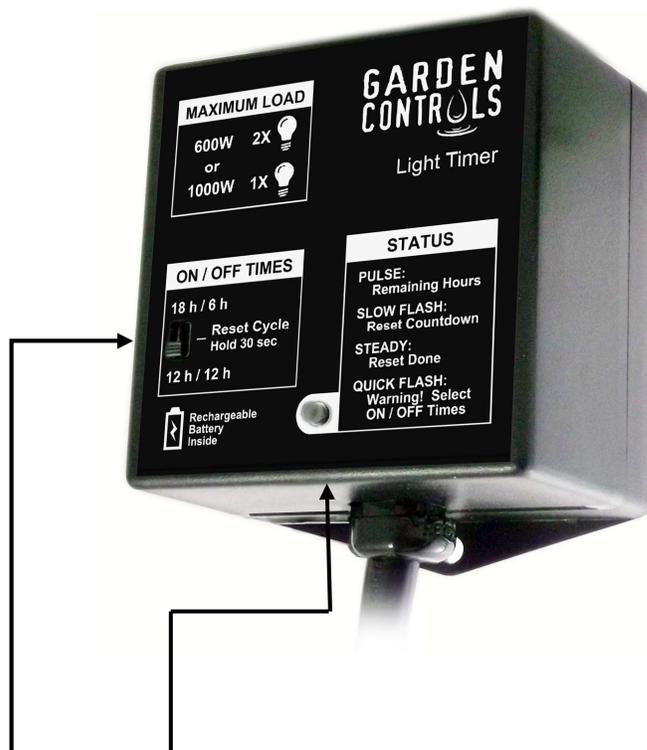
Setting the ON/OFF TIMES

12h/12h: Slide the Switch to **12h/12h** to set the ON-Time to 12 hours and the OFF-Time to 12 hours.

18h/6h: Slide the Switch to **18h/6h** to set the ON-Time to 18 hours and the OFF-Time to 6 hours.

Resetting the ON-Cycle (Day Cycle)

Reset Cycle: Slide and hold the selector in MIDDLE POSITION to start a new ON-cycle (i.e. to start the beginning of a new day cycle). Once the RESET is completed, select either **18h/6h** or **12h/12h**. Should you forget the selector in the RESET position, the timer will use the most previous time setting (18h/6h or 12h/12h, as selected before resetting the ON-cycle).



STATUS Indicator during Normal Operation

HOT START: 1 short BLINK every 3 seconds

Indicates the controller has returned from a power outage and is now counting down the 20-min delay to prevent *Hot Start*. Delay can be stopped by switching to RESET momentarily and then switching back to 18h/6h or 12h/12h.

PULSE:

Indicates the remaining time (number of hours left in the current ON or OFF-cycle). See details on the back of this page.

STATUS Indicator while Resetting an ON-Cycle

SLOW FLASHING: 1 second. ON / 1 second OFF for 30 seconds.

Indicates the 30-second countdown before RESET. If Slide Switch is returned to either 12h/12h or 18h/6h before the end of the 30-second countdown., the RESET will NOT occur.

STEADY:

Indicates the RESET has been completed and a new ON-cycle has just started. User must select the ON/OFF Times by sliding the switch to either 12h/12h or 18h/6h.

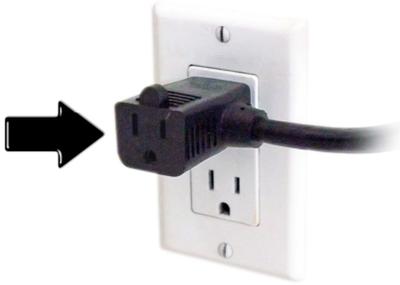
QUICK FLASHING: 4 blinks per second

Warning! ON/OFF TIMES selection has not been completed. The selector has been forgotten in RESET position. Select either 18h/6h or 12h/12h.

STATUS Indicator OFF

See TROUBLESHOOTING section on the back of this page

Plug equipment into output cord (piggy back cord).



Electrical Specifications :

Load: 120V 12A (1 Light Switcher Trigger Cord or 1x 1000W ballast or 2x 600W ballasts).

5-ft Piggy Back Cord.

Clock and Rechargeable Backup Battery Specifications:

Clock Accuracy: time will drift less than 15 minutes in a year.

Power Outage Duration: Internal Clock will maintain ON/OFF cycles for a minimum of 48 hours during a power outage.

Battery Recharge Time: Internal Battery is fully charged in less than 30 minutes.

STATUS INDICATOR INFORMATION (PULSE)

The **Status Led** will be BLINKING during the ON / OFF cycles to indicate the remaining time (in hours) until the beginning of next cycle (transition from ON to OFF-cycle or from OFF to ON-cycle). The indicator is blinking in multiple of 5 pulses.

Examples:

- To indicate 7 remaining hours
The **Status Led** will blink in this sequence: 5 pulses, one short pause, 2 pulses and one long pause, repeatedly.
- To indicate 3 remaining hours
The **Status Led** will blink in this sequence: 3 pulses and one long pause, repeatedly.

Note: If the **Status Led** indicates a remaining time of 3 hours, it means the actual remaining time is between 2 and 3 hours. During the last hour, the STATUS blinks only once between each long pause.

TROUBLESHOOTING

STATUS INDICATOR OFF

Indicates the controller has detected an error on the internal clock. The output will be off as long as the indicator is steady OFF. Feel free to contact us for further assistance.

For Warranty & Customer Service
Please visit www.gardencontrols.com or contact us
at info@gardencontrols.com