



## USER GUIDE

# CY2

Short cycle timer



[www.grozonecontrol.com](http://www.grozonecontrol.com)

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# **SAFETY NOTICE**

## **IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS**

### **DANGER**

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,  
CAREFULLY FOLLOW THESE INSTRUCTIONS.**

To reduce the risk of electric shock, disconnect power to the 120V electrical outlet before installing or removing the unit. When removing the electrical wall plate, it may fall across plug pins or become displaced.

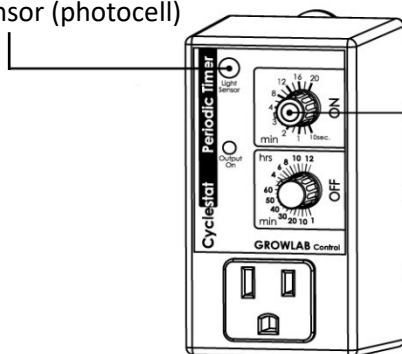
To reduce the risk of electric shock, this product has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

# INSTALLATION & OPERATION

**Note:** This unit has been set to perform in 24-hour control mode. For Night control only or Day control only, refer to Optional settings.

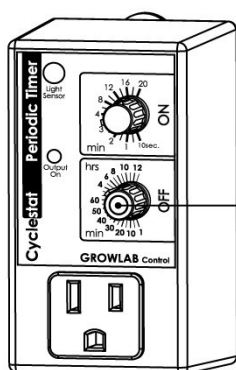
## Set Values

Light sensor (photocell)



**ON Time:** 5 sec to 30 min.

Duration for which equipment will run.



**OFF Time:** 5 sec to 60 min.

Duration for which equipment will be off.

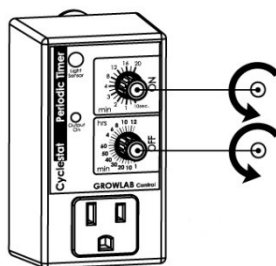
Plug into 120 VAC outlet (see security notice on page 1).

Connect your equipment into the front panel outlet (**MAX 15A**).

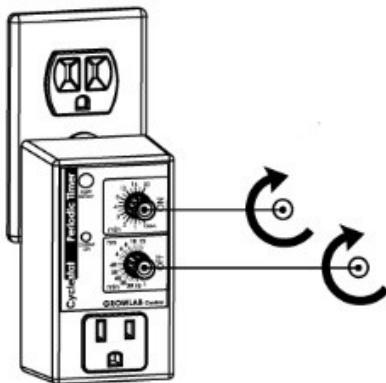
**Installation is now complete**

## OPTIONAL SETTINGS/24-HOUR CONTROL

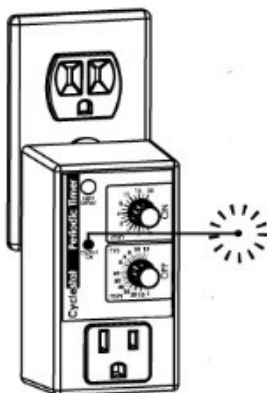
- A. Unplug the unit.  
Set both values to minimum.



- B. Within 5 seconds, plug in the unit  
then set both values to maximum.



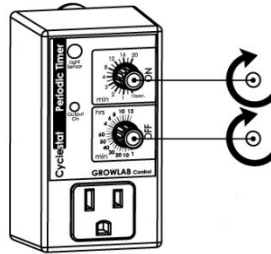
- C. "Output On" light turns ON or  
OFF according to actual setting.



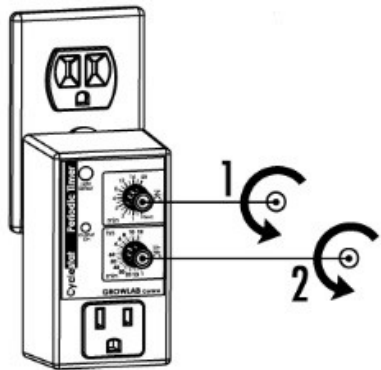
CY2 is now in "24-hour control" mode

## OPTIONAL SETTINGS/DAY CONTROL ONLY

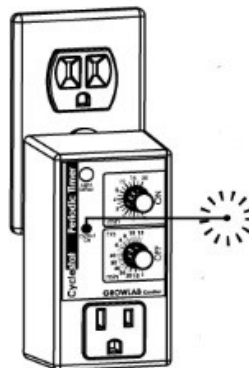
- A. Unplug the unit.  
Set both values to maximum.



- B. Within 5 seconds, plug in the unit  
then set top value to minimum  
followed by bottom value to  
minimum.



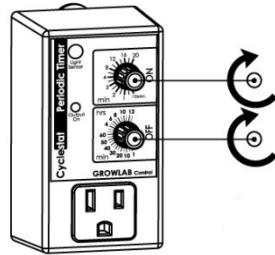
- C. "Output on" light turns ON or  
OFF according to actual setting.



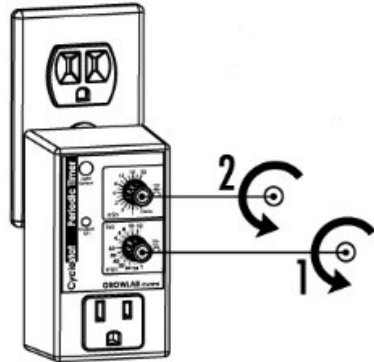
CY2 is now in "Day control only" mode

## OPTIONAL SETTINGS/NIGHT CONTROL ONLY

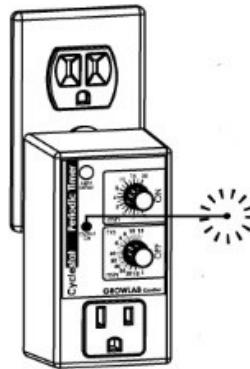
- A. Unplug the unit.  
Set both values to maximum.



- B. Within 5 seconds, plug in the unit  
then set bottom value to  
minimum followed by top value  
to minimum.



- C. "Output on" light turns ON or OFF  
according to actual setting.



CY2 is now in "Night control only" mode

# QUICK TROUBLESHOOTING GUIDE

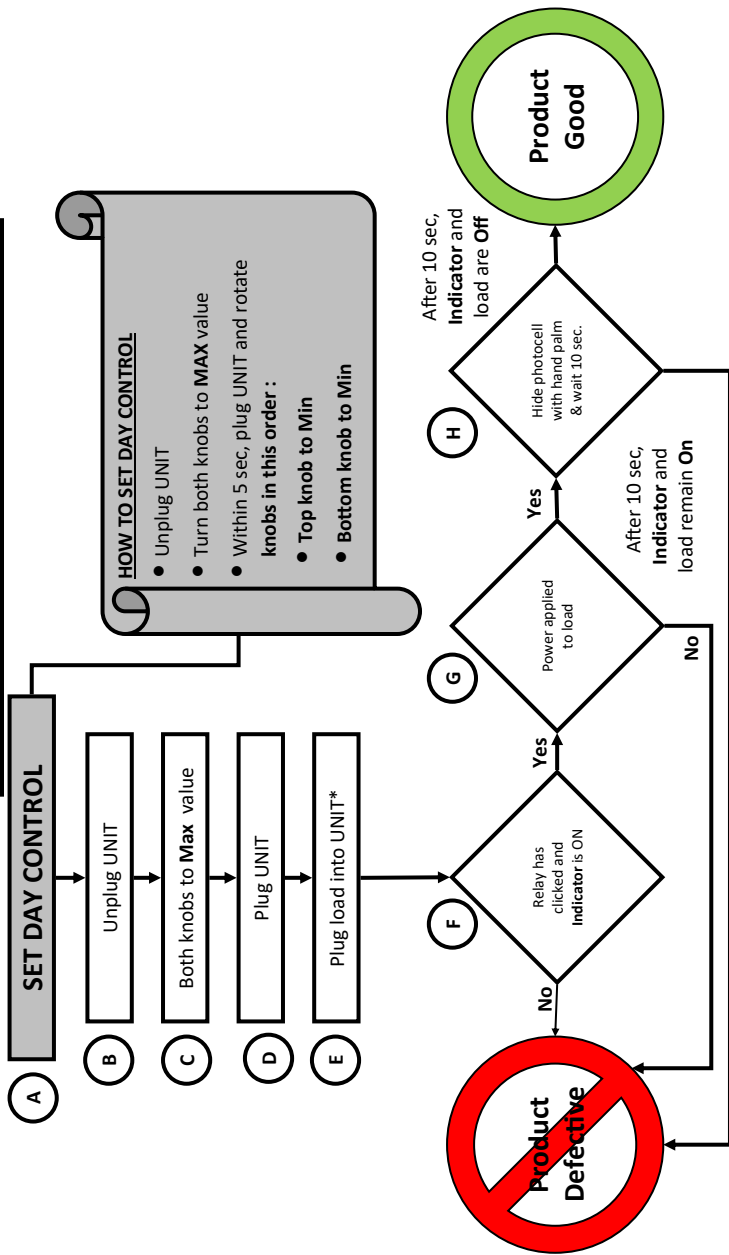
## Quick Troubleshooting Chart Product Model: CY1

### DEFINITIONS

**Min :** knob rotated to minimum value (fully counter clockwise).

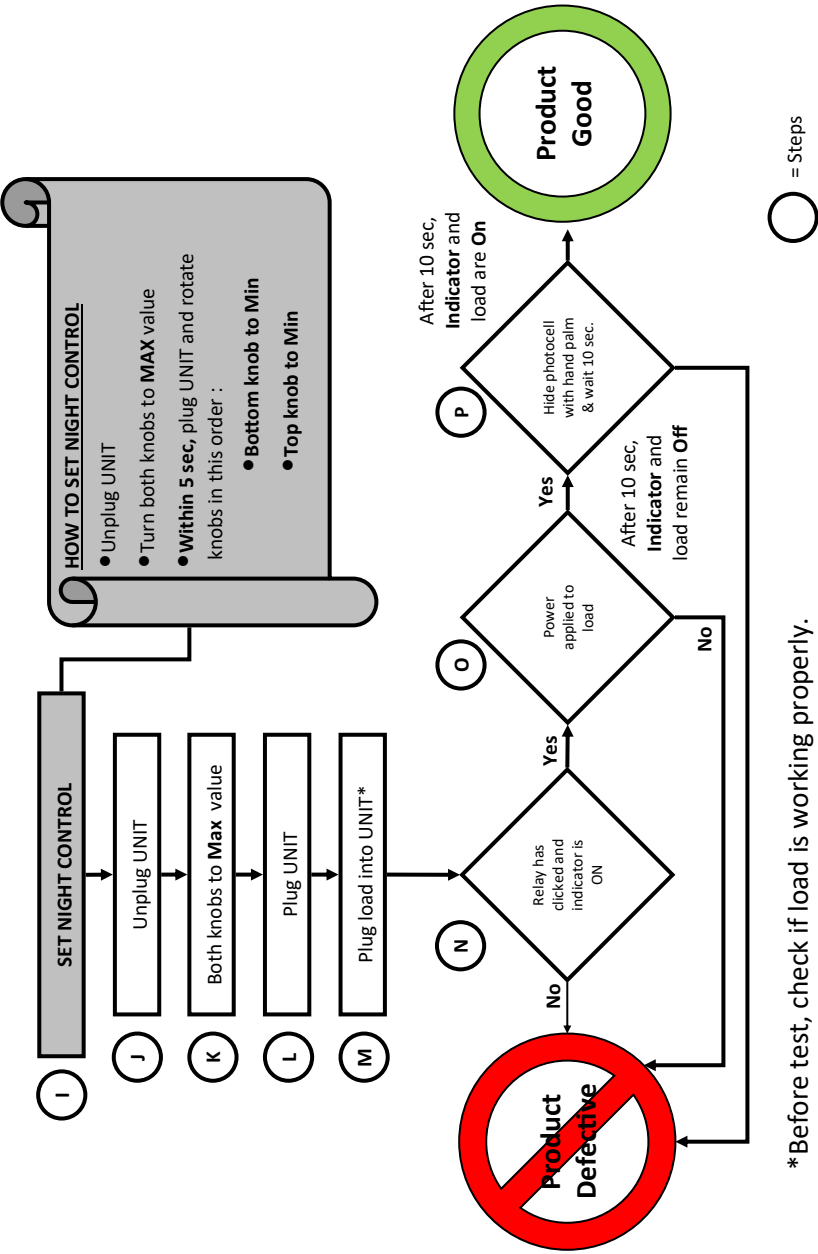
**Max :** knob rotated to maximum value (fully clockwise).

**Indicator :** Output ON light indicator





# QUICK TROUBLESHOOTING GUIDE



# COMPLETE TROUBLESHOOTING GUIDE

## Short Cycle timer with photocell

### CY2

#### 1 – Before you start

**\*IMPORTANT: READ AND FOLLOW THESE INSTRUCTIONS BEFORE STARTING THE TEST.**

- DO NOT CONNECT UNIT BEFORE STEP 1 OF THE TEST.
- DO NOT CONNECT A LOAD INTO THE UNIT BEFORE STEP 4 OF THE TEST.
- LIGHTING CONDITION: perform this test in a room with enough light for the controller to detect a DAY condition.
- Definitions : CW : Clockwise  
CCW : Counter clockwise
- Turn **BOTH knobs fully CW** before going to **STEP 1**.

#### 2 – Test

STEP	HANDLING AND TEST DESCRIPTIONS	EXPECTED RESULTS
1	<b>Within 5 seconds:</b> <ul style="list-style-type: none"><li>• Plug the unit into the power outlet.</li><li>• Turn UPPER knob fully CCW.</li><li>• Turn LOWER knob fully CCW.</li><li>• Turn BOTH knobs fully CW (order DOES NOT MATTER).</li></ul>	<b>Output On</b> indicator will turn ON.

## COMPLETE TROUBLESHOOTING GUIDE

STEP	HANDLING AND TEST DESCRIPTIONS	EXPECTED RESULTS
2	<ul style="list-style-type: none"> <li>Cover the <b>Light Sensor</b> completely with the palm of your hand or black electrical tape (a single finger will NOT cover the sensor appropriately).</li> </ul>	<b>Output On</b> indicator will turn OFF after 6-8 seconds.
3	<ul style="list-style-type: none"> <li>Uncover the light sensor.</li> </ul>	<b>Output On</b> indicator will turn ON after 6-8 seconds.
4	<ul style="list-style-type: none"> <li>Plug a load into the CY1 front outlet.</li> </ul>	Load will be ON.
5	<ul style="list-style-type: none"> <li>Turn UPPER knob fully CCW (<b>ON</b> Time at 10 seconds).</li> </ul>	<b>Output On</b> indicator and load will turn OFF after 5 SECONDS.
6	<ul style="list-style-type: none"> <li>Turn LOWER knob fully CCW (<b>OFF</b> time at 5 seconds) AND WAIT FOR ONE MINUTE.</li> </ul>	<b>Output On</b> indicator and load will turn back ON IN APPROXIMATELY ONE MINUTE.

## WARRANTY & CUSTOMER SERVICE

DO YOU HAVE A PROBLEM WITH YOUR CONTROLLER ? **PLEASE READ THESE INSTRUCTIONS CAREFULLY AND SAVE THEM FOR FUTURE REFERENCE.**

1. I think my controller is damaged, or it simply does not work as indicated in the user guide, what should I do?
- Please refer to the troubleshooting steps. Follow these instructions carefully, step by step. The controller should work as described in the “Expected results” column of the Complete Troubleshooting Guide.

**Do you need assistance on executing the Troubleshooting steps?**

1. Contact us at 1-855-262-1800
2. Send us an EMAIL at [service@grozonecontrol.com](mailto:service@grozonecontrol.com)
3. VISIT our Technical Support Center at [www.grozonecontrol.com/techsupport.html](http://www.grozonecontrol.com/techsupport.html)

Technical Support is available Monday through Friday, from 8:00 AM to 8:00 PM, Eastern Time.

## WARRANTY & CUSTOMER SERVICE

### 2. I've been through the troubleshooting steps. What do I do if I meet a problem at any of these steps? Is my product covered by the WARRANTY?

- Grozone controllers are covered by a 3-year warranty (\*). We will replace any DAMAGED PRODUCT WITH A BRAND NEW PRODUCT.
- Covered or not covered? We do not authorize the replacement of fully working products nor altered (tampered) products. The Troubleshooting steps will help you identify a damaged product. Do not hesitate to contact us or contact your retailer to make sure the controller is not fully working or damaged before returning it to the store.
- My product is not fully working or damaged, I want a replacement unit: in order to get a replacement product, **you MUST return all modules and applicable accessories to the retailer.** To avoid being charged for the accessories, be sure to include all pieces. Thanks for your cooperation.
- Any Grozone Control product that is returned with obvious signs of user neglect will not be covered by the warranty. Grozone Control exercises the right to make final decisions in these matters.

(\*)The warranty period begins from the date of purchase at the retail level. The retailer/consumer must keep their proof of sale/purchase. Otherwise, Grozone Control will consider the manufacturing date to apply the warranty coverage.

#### IMPORTANT MESSAGE TO RETAILERS

Retailers must call Grozone Control to get authorisation to replace the defective product and a RMA number.

**1-855-262-1800**

## **PRODUCT DETAILS**

### **Operation and Specifications**

ON time: 5 seconds to 30 minutes.

OFF time: 5 seconds to 60 minutes.

Starts with ON time when the controller is plugged into a power outlet.

Timing precision +/- 1%

Electrical Specifications: See the rating label on your product.

## NOTE

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Rev. 3.0

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