



USER GUIDE

CY1

Periodic timer



www.grozonecontrol.com

TABLE OF CONTENTS

SAFETY NOTICE	3
INSTALLATION & OPERATION	4
OPTIONAL SETTINGS/24-HOUR CONTROL	5
OPTIONAL SETTINGS/DAY CONTROL ONLY	6
OPTIONAL SETTINGS/NIGHT CONTROL ONLY	7
QUICK TROUBLESHOOTING GUIDE	8-9
COMPLETE TROUBLESHOOTING GUIDE	10-11
WARRANTY & CUSTOMER SERVICE	12-13
PRODUCT DETAILS	14

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.

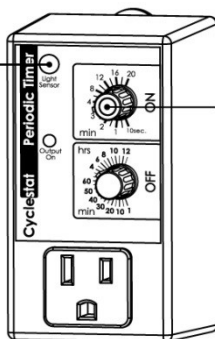
To reduce the risk of electric shock, this product has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in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

INSTALLATION & OPERATION

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

Set Values

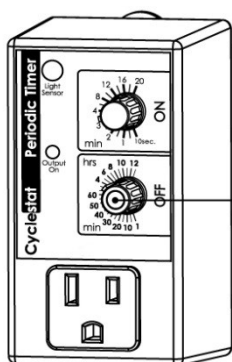
Light sensor (photocell)



ON Time: 10 sec to 20 min.



Duration for which equipment will run.



OFF Time: 1 min to 12 hours.



Duration in between ON cycles.

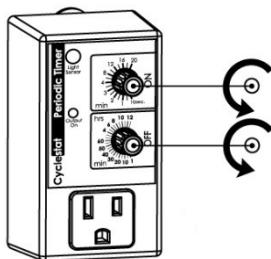
Plug into 120 VAC outlet (see security notice on page 1).

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

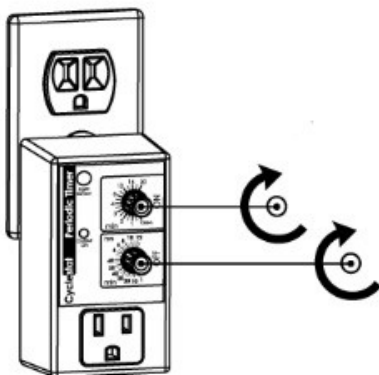
Installation is now complete

OPTIONAL SETTINGS/24-HOUR CONTROL

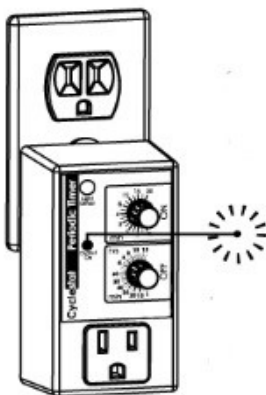
- A. Unplug the unit.
Set both values to minimum.



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



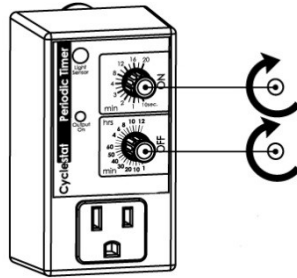
- C. "Output On" light turns ON or
OFF according to actual setting.



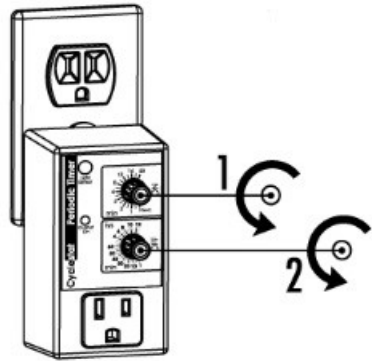
CY1 is now in "24-hour control" mode

OPTIONAL SETTINGS/DAY CONTROL ONLY

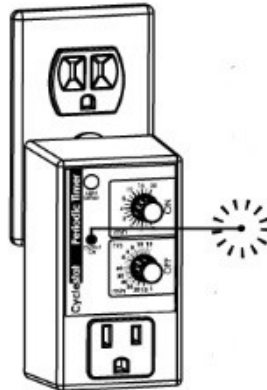
- A. Unplug the unit.
Set both values to maximum.



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



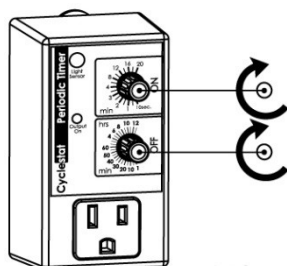
- C. "Output On" light turns ON or OFF
according to actual setting.



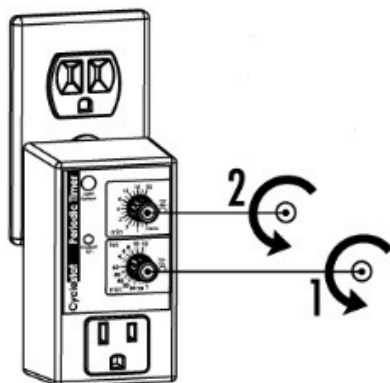
CY1 is now in "Day control only" mode

OPTIONAL SETTINGS/NIGHT CONTROL ONLY

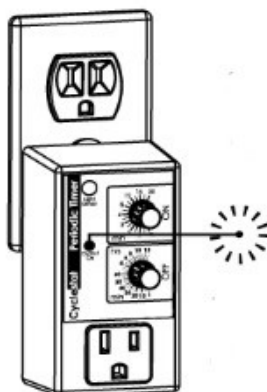
- A. Unplug the unit.
Set both values to maximum.



- 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.



CY1 is now in "Night control only" mode

QUICK TROUBLESHOOTING GUIDE

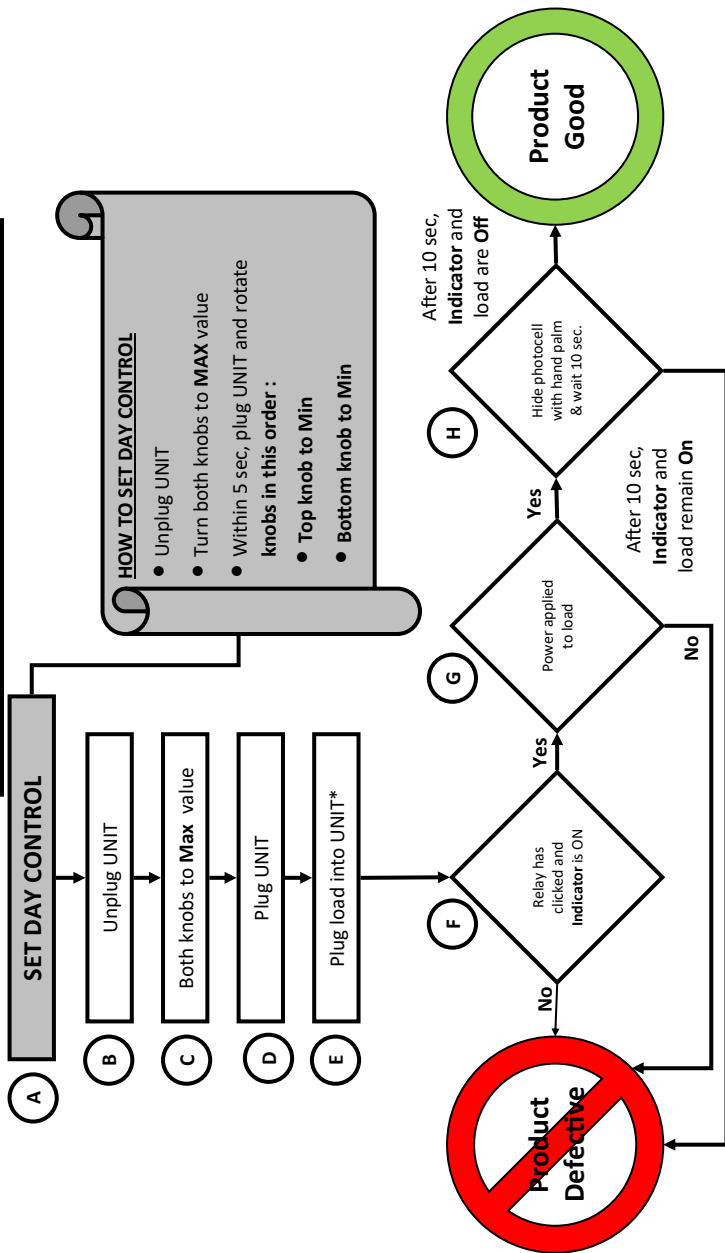
Quick Troubleshooting Chart Product Models : CY1

DEFINITIONS

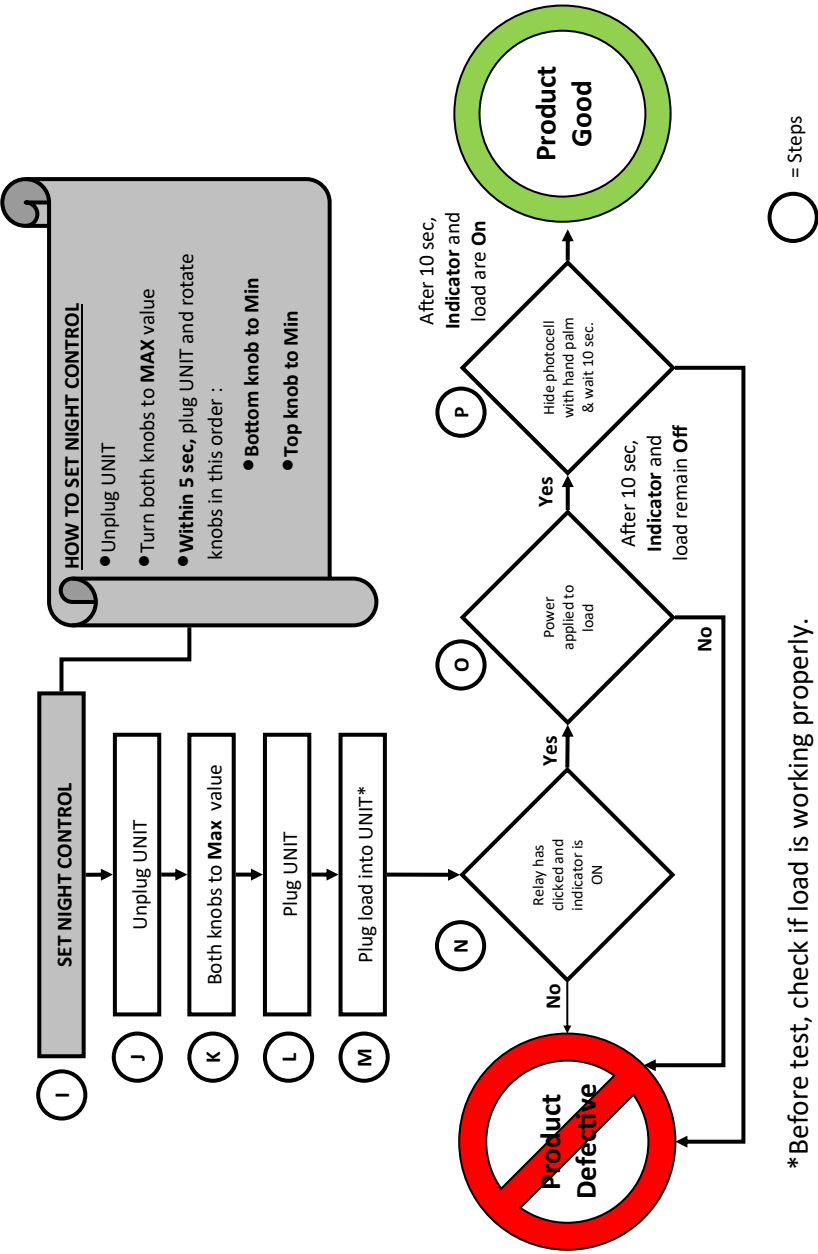
Min : knob rotated to minimum value (fully counter clockwise).

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

Indicator : Output ON light indicator



QUICK TROUBLESHOOTING GUIDE



COMPLETE TROUBLESHOOTING GUIDE

Periodic timer

CY1

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

COMPLETE TROUBLESHOOTING GUIDE

STEPS	HANDLING AND TEST DESCRIPTIONS	EXPECTED RESULTS
2	<ul style="list-style-type: none"> Cover the Light Sensor completely with the palm of your hand or black electrical tape (a single finger will NOT cover the sensor appropriately). 	Output On indicator will turn OFF after 6-8 seconds.
3	<ul style="list-style-type: none"> Uncover the light sensor. 	Output On indicator will turn ON after 6-8 seconds.
4	<ul style="list-style-type: none"> Plug a load into the CY1 front outlet. 	Load will be ON.
5	<ul style="list-style-type: none"> Turn UPPER knob fully CCW (ON Time at 10 seconds). 	Output On indicator and load will turn OFF after 10 SECONDS.
6	<ul style="list-style-type: none"> Turn LOWER knob fully CCW (OFF time at 1 minute) AND WAIT FOR ONE MINUTE. 	Output On 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
3. VISIT our Technical Support Center at 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: 10 seconds to 20 minutes.

OFF time: 1 minute to 12 hours.

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

www.grozonecontrol.com