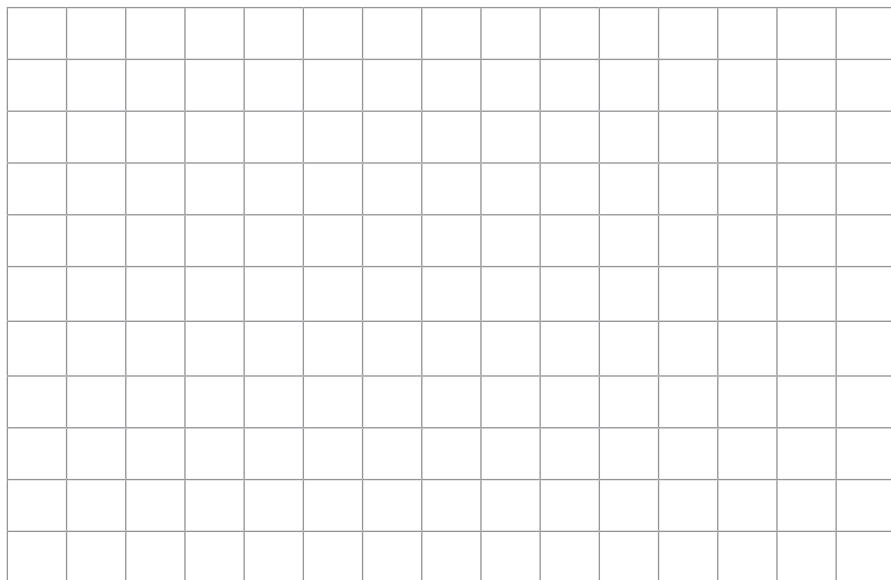


Notes:

1 Square = 1 Foot



TITAN[®]
CONTROLS

HADES[™] 3

Lighting Timer with High Temp Shut-Off
Instruction Manual



 Sunlight Supply, Inc.
National Garden Wholesale.

VANCOUVER, WASHINGTON U.S.A. 
www.titancontrols.net

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Hades™ 3 Lighting Timer with High Temp Shut-Off

- Warnings & Cautions
- Section 1 - How to Program Hades™ 3
- Section 2 - HID Bulb Cool Down Feature
- Section 3 - Status LED
- Section 4 - 'Output On' LED and Output Socket
- Section 5 - High Temp Setting Knob
- Section 6 - Changing the 'COOL DOWN' Temperature
- Warranty Information
- Service & Repair Program

Warnings & Cautions

- Read all instructions before operating controller.
- Do not put your controller in an area where it can get wet or sprayed.
- Mount your controller securely to the wall.
- When using "bug bombs" in area, cover controller completely to avoid corrosion.
- There are no serviceable parts in controller. Do not attempt to repair the unit.
- Breaking tamper proof seal will void your warranty.
- Do not put paper clips, tools, etc. into unit. Possible electrocution may occur.
- Plug controller into surge protector to avoid potential damage to the unit.
- Confirm that your power source is 120 Volts/15 Amps prior to plugging controller into outlet.
- Check that all equipment that will be activated by this controller is the proper voltage(s).
- Verify that the equipment you are controlling does not exceed a total of 15 Amps.
- This controller is designed for "inside use" only.
- Avoid placing the controller near heat generating sources such as a CO₂ Generator.
- Use caution if operating controller in extremely humid environments (90% and above).
- Do not use controller for purposes other than the unit was designed to function
- Use controller within defined environmental specifications.
- Ask your Dealer for tips and techniques regarding the use of this controller.
- Be conscientious when disposing of any products.

WARRANTY SERVICE: Please read warranty information first

If after reviewing the troubleshooting tips the unit will still not work, you should return it to the Dealer where you purchased it. They will be able to further evaluate the unit and test its various components and quite possibly will be able to identify and/or fix any problems. If the Dealer is unable to fix the unit, they will return it to us for factory repair.

You may also contact us directly for technical support. If we cannot help you resolve the problem over the phone, we will issue you a RMA # (return merchandise authorization) authorizing you to return the unit to us for factory reconditioning (if the unit is under warranty). Contact the number below for a RMA and shipping address. Complete the form below and include it with your unit. Also please write the RMA # on the outside of the box.

Please package the unit in its original packaging. If it is damaged in shipment we cannot be responsible.

Once we receive the unit back, we will repair it within 48 hours (business) and return it to you freight prepaid via UPS ground shipment.

Include the following if returning directly to Titan Controls®

- Proof of purchase
- This completed form
- RMA # on the outside of the box

Return Merchandise Authorization Number (Required)

Company Name: _____

Contact Name: _____

Address: _____

Phone #: _____

Email address: _____

What is the nature of the problem? _____

Shipping address will be given when the RMA # is issued:



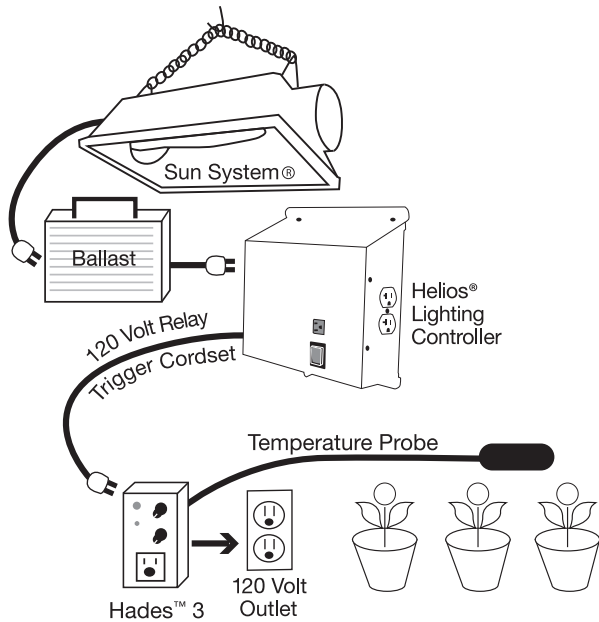
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For technical assistance call us at 1-888-80-Titan or 1-888-808-4826.

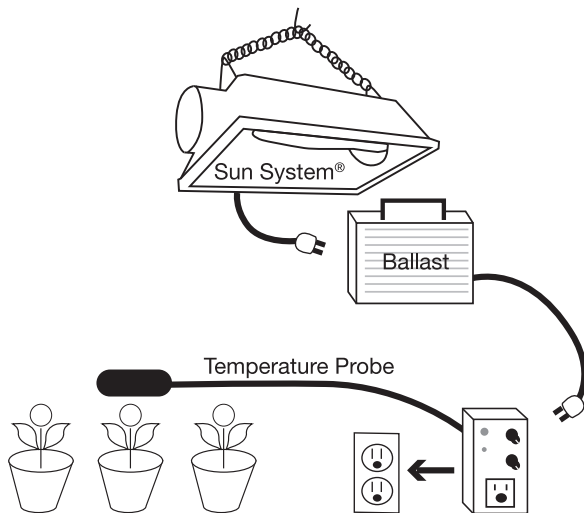
Representative available Monday – Friday, 8 a.m. – 5 p.m. PST.

Installation Examples:

Controlling a Lighting System



Controlling a Ballast



SECTION 1 – HOW TO PROGRAM HADES™ 3

To Start a New DAY Cycle (ON period):

Unplug unit, set lower knob to ON, plug-in the unit to a 120 Volt power source, wait 2 seconds then set lower knob from 12 to 18 hours.

To start a new NIGHT cycle (OFF period):

Unplug unit, set lower knob to OFF, plug-in the unit to a 120 Volt power source, wait 2 seconds then set lower knob from 12 to 18 hours.

SECTION 2 – HID BULB COOL DOWN FEATURE

A 20-Minute ON Delay Will Start...

...when 120 Volt power is applied to unit (see NOTE 1 below) OR when power returns after a power outage;

...when a High Temp condition is met. If the room takes less than 20 minutes to cool down, the output will remain OFF until the 20 minute delay has completely elapsed.

When the output remains “standby” (OFF) during count down, the Output ON led is flashing. To stop the delay immediately, turn lower knob to ON, then re-set it to a value between 12 and 18 hours.

Starting With No Delay

A unit that has been unplugged for 36 hours (Note 1) will turn the output ON immediately at power up, with NO delay. In this case, the DAY or NIGHT cycle has been lost and must be re-initiated as described in Section 1.

Note 1: The “internal battery” life duration is between 24 to 48 hours. The battery is fully recharged 30 minutes after the power is applied to the Hades™ 3.

SECTION 3 - STATUS LED

The ‘Status LED’ is ON when a High Temp condition is met. Otherwise, the ‘Status LED’ is...

...OFF when lower knob is in the ON or OFF position;

...BLINKING to indicate the remaining time (number of hours left in schedule).

SECTION 4 - ‘OUTPUT ON’ LED AND OUTPUT SOCKET

The ‘Output ON’ LED is...

...ON when the 120V output is ON (Power ON).

...OFF when the 120V output is OFF (Power OFF) during night periods or when a high temp condition is present.

...FLASHING when the output should be ON but is OFF during the 20-min ON delay. (Power OFF).

SECTION 5 - HIGH TEMP SETTING KNOB

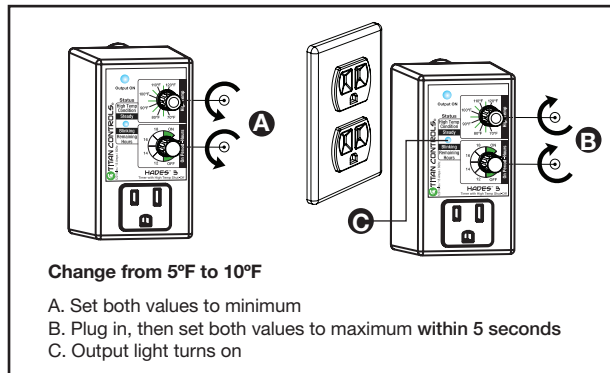
Set the upper knob to desired High Temp limit. The Output will turn OFF as soon as the room temperature reaches this setting. The Output will turn back ON when 2 conditions are met: the room temperature has cooled down by 5°F and the output has remained OFF for a minimum of 20 minutes.

SECTION 6 – CHANGING THE COOL DOWN TEMPERATURE

The Hades™ 3 comes pre-set from the factory at 5°.

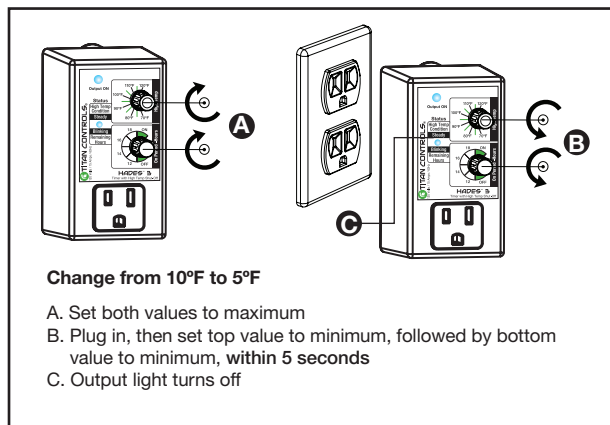
1. To change the cool down temperature from 5°F to 10°F:

Unplug unit, rotate both knobs to “fully counter clockwise” positions, plug the unit and rotate both knobs to “fully clockwise” positions within 5 seconds.



2. To change the cool down temperature from 10°F to 5°F as follows:

Unplug unit, rotate both knobs to “fully clockwise” positions, plug the unit and rotate both knobs to “fully counter clockwise” positions within 5 seconds.



Warranty Information

- Titan Controls® warrants the original purchase of this product against defects in material and workmanship under normal use for three (3) years from the date of purchase.
- During the warranty period, Titan Controls® will, at our option, and without charge, repair or replace this product if the controller or any of its components fail or malfunction.
- All returns or repairs must be accompanied by a Return Merchandise Authorization (RMA) number prior to any service of the product.
- This warranty is expressly in lieu of all other warranties, expressed or implied, including the warranties of merchantability and fitness for use and of all other obligations or liabilities on the part of the seller.
- This warranty shall not apply to this product or any part thereof which had been damaged by accident, abuse, misuse, modification, negligence, alteration or misapplication.
- Controllers with serial numbers or date tags that have been removed, altered or obliterated; broken seals or that show evidence of tampering; mismatched serial numbers or nonconforming parts, are excluded from coverage.
- Titan Controls® makes no warranty whatsoever in respect to accessories or parts not supplied by Titan Controls®.
- Monetary refunds of the warranty will not be given.
- The Buyer assumes all responsibility regarding the use & installation of this controller.
- All warranty service is provided through the factory or an authorized service representative.
- This warranty shall apply only to the United States, including Alaska, Hawaii and territories of the United States and Canada.
- Defective controllers need to be returned with the “proof of purchase/receipt”.
- For additional warranty information, contact a Titan Controls® Technical Service Representative or your Dealer. Our normal business hours are **Monday – Friday, 8 a.m. to 5 p.m. Pacific Standard Time. We are closed most major holidays.**
- **NOTE:** Titan Controls® is a manufacturer of environmental controls. All sales offerings to the public are done through a nationwide group of Dealers. No sales offerings will be made directly to the general public.

Service & Repair Program

- For all service and repairs please contact one of our Technical Service Representatives for a Return Merchandise Authorization (RMA) number.
- All factory service & repairs will be completed within 48 hours of receipt of controller and after authorization by customer for repairs.
- Titan Controls® will, at its discretion, repair or replace the controller.
- Factory calibration services are available for all Titan Controls®. Returning Units: Please contact your retail store for returns.