

WARRANTY INFORMATION

ViaVolt™ warrants the original purchaser of this product against defects in material and workmanship under normal use for 2 years on the ViaVolt™ Ballast and 2 years on the ViaVolt™ T5 Fluorescent System from the date of purchase. During the warranty period, ViaVolt™ will, at our option, and without charge, repair or replace this product if the unit or any of its components fail or malfunction. VIAVOLT™ AND ITS MANUFACTURER EXPRESSLY DISCLAIM ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE AND ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF THE SELLER, EXCEPT WHERE PROHIBITED BY APPLICABLE LAW. THIS WARRANTY SHALL NOT APPLY TO THIS PRODUCT OR ANY PART THEREOF WHICH HAS BEEN USED OTHER THAN IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS OF USE, DAMAGED BY ACCIDENT, ABUSE, MISUSE, MODIFICATION, NEGLIGENCE, ALTERATION OR MISAPPLICATION. VIAVOLT™ MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO ACCESSORIES OR PARTS NOT SUPPLIED BY VIAVOLT™. THIS WARRANTY SHALL APPLY ONLY TO THE UNITED STATES, INCLUDING ALASKA, HAWAII AND TERRITORIES OF THE UNITED STATES AND CANADA.

LIMITATION OF LIABILITY

TO THE MAXIMUM EXTENT ALLOWED BY LAW, VIAVOLT™ AND ITS MANUFACTURER SHALL NOT BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, EXEMPLARY OR INCIDENTAL DAMAGES (INCLUDING LOST OR ANTICIPATED REVENUES OR PROFITS RELATING TO THE SAME), ARISING FROM ANY CLAIM RELATING TO THE PURCHASE OF THIS PRODUCT, WHETHER SUCH CLAIM IS BASED ON WARRANTY, CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY, AND

INCLUDING CLAIMS FOR PERSONAL INJURY OR DEATH) OR OTHERWISE. IN NO EVENT WILL THE COLLECTIVE LIABILITY OF VIAVOLT™ OR ITS MANUFACTURER EXCEED THE AMOUNT YOU HAVE PAID FOR THE PURCHASE OF THE PRODUCT OUT OF WHICH LIABILITY AROSE. THESE LIMITATIONS SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY. SOME STATES AND/OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.

WARRANTY SERVICE

If the product will not work after you have read the troubleshooting guide and practiced the troubleshooting options, you are advised to return the ViaVolt™ light system to the retailer you purchased it from. The dealer will be able to examine the light and test its components. If they are not able to repair the light, they will return it to us for examination and repair/replacement. Do not attempt to repair any product on your own, as serious injury or death may result.

If the retailer is not able to help you and the light is still under manufacturer's warranty, you may contact us for technical support. In some cases, you will be issued an RMA# (return merchandise authorization number) to return the unit for factory repair. Complete the warranty form below and return the light with all original packaging, your receipt of purchase, and a valid RMA# to the address below. Please pack and ship the light in its original packaging. If it is damaged in shipment we cannot be responsible and the warranty may be voided. Once we receive RMA package, it will be repaired or replaced and shipped back to you. Please note if an additional warranty was purchased and include the extended warranty sales receipt with your return.

RETURN FORM

Include the following if returning:

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

Return Merchandise Authorization Number (Required): _____

Contact Name: _____

Address: _____

Phone #: _____

Email Address: _____

Please give a brief description of your technical issue _____

SEND TO:

Viagrow
2561 West Point Ave.
College Park, GA 30337
678.510.0032



ViaVolt™

TECHNICAL GUIDE



All American Parts



IMPORTANT PRODUCT INFORMATION READ IMMEDIATELY SAFETY FIRST!

Failure to observe the following safety warnings may result in serious injury or death. Use all ViaVolt™ products only as directed. Failure to observe these safety warnings will result in a waiver of any and all liability on the part of ViaVolt,™ its manufacturer, and resellers, and will void all warranties to the extent permitted by law.

WARNINGS AND INSTRUCTIONS

FOR USE

- ❑ **DO NOT** plug or unplug a lamp cord while the ballast is turned on.
- ❑ **ALWAYS** unplug the ballast from the power source before connecting or disconnecting any lighting device to ballast, moving ballast, or otherwise touching or handling ballast or its components.
- ❑ **DO NOT** use with generators. Warranty will be voided.
- ❑ **DO NOT** hang by power cord or lamp cord.
- ❑ **NEVER** stand beneath the ballast.
- ❑ **DO NOT** make contact with the socket interior while the power is switched on.
- ❑ **NEVER** put hands or any other objects in the interior of the ballast.
- ❑ **DO NOT** operate this or any lighting system in wet areas.
- ❑ **DO NOT** plug this system into a receptacle other than what is instructed on the ballast.
- ❑ **DO NOT** open or rewire the components of the light system. It will void the warranty and may cause serious injury or death.
- ❑ If any part of the lamp is damaged, replace lamp immediately.
- ❑ Disconnect the unit from a power source before replacing lamps or any other parts.
- ❑ When replacing lamps, make sure the lamp has had time to cool before touching.
- ❑ Make sure power cord and lamp cord are connected securely to the unit.
- ❑ Keep away from children.
- ❑ Glass is required for reflectors using metal halide (MH) lamps for UL listing to apply. Glass is not required for high pressure sodium (HPS) lamps to be UL listed.
- ❑ Always use a three prong timer rated for 15 amps or more with light systems.
- ❑ Do not operate lamps that are a different wattage than the ballast specifies.
- ❑ Read all instructions completely before attempting to power on unit. Failure to follow the warnings and instructions for use may result in serious injury or death, for which ViaVolt™'s manufacturer and resellers expressly disclaim any and all liability.

All American Parts



ViaVolt™ MULTI VOLT REMOTE BALLAST SETUP

1. Remove the ballast from its box along with all additional parts.
2. The ViaVolt™ ballast system comes with a 120 volt power cord and a voltage selector plate. Set the voltage selector plate to the 120 volt option in order to utilize the provided cord. To change the voltage, simply pull the warning plate out and twist 180° (Fig. 1 and 2). To use the 240 volt option, you must purchase the 240 volt power cord separately.

3. Securely screw your lamp into the socket. Then, make sure the lamp cord is plugged into the ballast.
4. Power up the system by plugging the power cord into the proper NEMA configured receptacle.
5. You should use a properly rated cord (120 or 240 volt) for the power type that you are using or you will short circuit the ballast and void the warranty.



Fig. 1



Fig. 2

ViaVolt™ T5 FLUORESCENT SETUP

1. Remove the T5 system from its box along with all additional parts.
2. Hang the unit to a secure surface using the V-hangers provided (optional light hanger systems can be purchased separately). Never stand underneath the unit.
3. Install lamps (examine the label to determine the correct lamp) into the system. Insert both ends of the lamp into the lamp sockets and rotate the lamp 90° in either direction (Fig. 3).
4. ViaVolt™ T5 units can be daisy chained together. Do not exceed 7.5 amps on any fixtures chained together. Do not daisy chain more fixtures than what is recommended. Chaining more fixtures together than recommended will void the warranty. Always unplug T5 systems from the power source prior to moving, connecting, chaining, disconnecting, or otherwise handling lighting systems.
5. Finally, connect T5 system to a power source.



Fig. 3

LAMP INFORMATION

Proper Lamp Care

Lamps should be replaced yearly to maintain optimum lumen output. If a lamp fails to reach full brightness, please contact your retailer to purchase a new lamp.

Fluorescent Fixtures

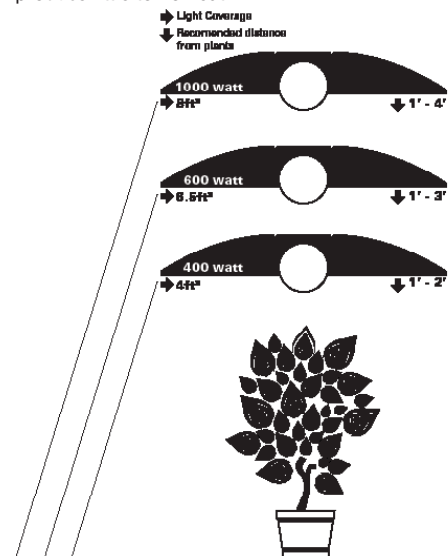
If there are lamps that will not fire, try swapping them for lamps from other sockets that are working to determine if you need lamp replacement. Never remove, install, or swap bulbs while unit is connected to a power source.

ABOUT HID AND T5 FLUORESCENT LAMPS

- ❑ It may take HID's or T5 fluorescents 10-15 minutes to reach full brightness.
- ❑ HID lights will decrease in output during the life of the lamp.
- ❑ During an HID lamp's first several uses, intensity of the light fluctuates, but afterwards it will continue at an even output for the remainder of its life with a gradual degradation.

REFLECTOR MOUNTING

Generally, the proper hanging height of an H.I.D. lamp should be somewhere between 12" - 48" depending on the wattage. But first, make sure to check for excessive heat at the canopy of your plants. Place your hand directly over your plants. If your hand gets hot, you need to move your lamp up higher. If the light source is too close to your plants, the leaves will burn. Be sure to adjust the height of your light system as your plants grow. Air-cooled reflectors, like the Air-Cooled Deluxe allow you to place higher wattage lamps closer to plants with minimal heat by attaching an inline fan. T5 fluorescent fixtures can be placed closer to the plant canopy than H.I.D. fixtures because they produce little to no heat.



H.I.D. Average Coverage Area by Wattage

- ❑ 100-175 watts cover about a 2' x 2' area
- ❑ 250 watts cover about a 3' x 3' area
- ❑ 400 watts cover about a 4' x 4' area
- ❑ 600 watts cover about a 6.5' x 6.5' area
- ❑ 1000 watts covers about a 8' x 8' area

TROUBLESHOOTING GUIDE

If Your Fixture Does Not Work:

1. Check the electrical source. Make sure the unit is plugged in and that the breaker is not tripped.
2. If the electrical source is fine, unplug the unit from the power source before inspecting the lamp. Then, check the lamp. Make sure the lamp is inserted correctly and is not visibly damaged.
3. For T5 Fluorescent fixtures - Check to ensure the lamps are properly locked into the socket. Turn lamps 1/4 turn in either direction to confirm.
4. Try another lamp if you have one. Make sure the unit is unplugged and cool before replacing any bulbs or otherwise handling the lamp or its components.
5. Make sure you have the correct lamp for your ballast; the wattage on the lamp must match the ballast wattage in order for it to operate effectively.
6. When using a 240V plug, use the one included with the unit or purchased at a retailer. **DO NOT** make any changes to the power cord. This will void the warranty and may result in serious injury or death.

POWER USAGE

A light system will increase your average electricity bill by \$10 to \$20 a month - the exact amount will vary based on the size of the system, the prevailing rates for electricity in your area, and the number of hours you choose to operate it. To figure how much amperage your unit is using, simply use the following formula: Wattage divided by Voltage = Amperage. The average household circuit breaker is rated at 15 amps. In other words, if the total amperage drawn from that circuit exceeds 15 amps, the circuit breaker will trip. Most rooms share one or perhaps two circuits per room. If you have a 1000 watt unit running off a 120 volt circuit, it will draw approximately 9 amps (1000 watts/110 volts = 9.1 amps).

Example

If your charge for 1 kilowatt hour in your area is 6 cents per kW/h, a 1000 watt fixture will use 1.1 kW per hour. Let's say you burn your light 14 hours per day; 14 hours x .066 (.06 x 1.1) = .92 cents per day. If you burn it 30 days per month the cost will be 30 x .92 per day = \$27.60 per month. If you burn 400 watt lamps you will use .46 (46% of 1 kW hour. So it will cost .06 kW x .46 = .028 or 2.8 cents per hour x 14 hours per day = .39 cents per day x 30 days per month = \$11.70 month. 1000w fixtures use 1100 watts per hour, 400 watt fixtures use 460 watts per hour, 250 watt fixtures use 295 watts per hour and 175 watt fixtures use 210 watts per hour. The reason the ballast uses more watts than the lamp rating is because of ballast inefficiency and heat loss.

RETURNING UNITS

Please contact your retail store for returns.

Keep all original packaging and your receipt - all returns need to be in the original packaging in order to avoid product damage during shipping. Any damage to products not in their original packaging will not be covered under warranty. If returning by retail store is not an option, please contact ViaVolt™ to obtain an RA#.