



AR-LED124 12/24V DC REMOTE RGB CONTROLLER

**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER / MAINTENANCE ENGINEER FOR FUTURE REFERENCE**

IMPORTANT INSTALLATION INFORMATION

 WARNING RISK OF ELECTRIC SHOCK • Installation should be carried out in accordance with the latest edition of the National Electric Code. • Only Qualified Electricians should install this LED lighting system. • The controller operates at 12V or 24V DC. A 12/24V DC Constant Voltage LED Driver must be used. • Before commencing installation or maintenance, ensure electricity is switched off at the mains. • Ensure that ALL electrical connections are tight with no loose strands, including factory connections. • Ensure that polarity and all connections are correct before energizing the mains supply.	 WARNING CAUTION • If electrical appliances are disposed of in landfill or dumps, hazardous substances can be damaging to health and well-being. • This device is not intended for use with emergency exit fixtures or emergency exit lights. • No user-serviceable parts inside. • Do not use when enclosure is broken. • Improper Installation will VOID warranty.
 WARNING RISK OF BURNS • Follow all manufacturer's warnings and recommendations for the driver type, mounting position, methods, replacements and recycling.	 WARNING RISK OF FIRE • Incorrect installation may result in electrical shock or a risk of a fire

FOR MODEL: AR-LED124

This product is the LED light controller for the AR-ST101RGB and AR-ST324RGB LED strip.

INSTALLATION INSTRUCTIONS

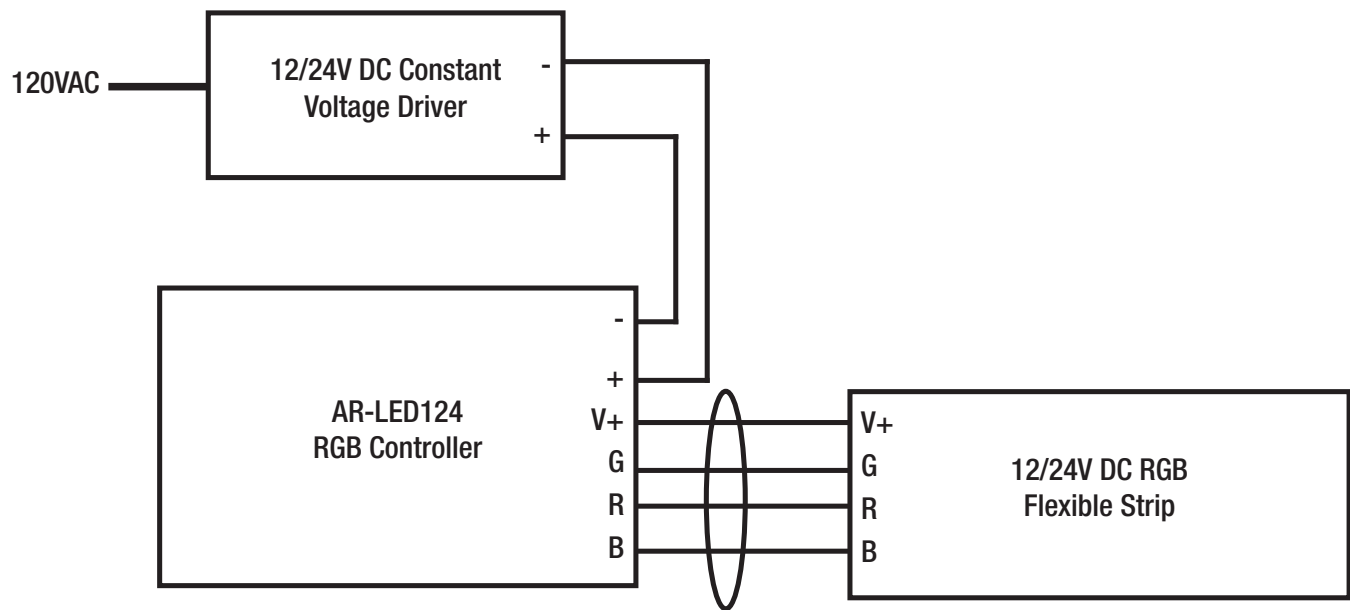
1. Isolate from the mains supply before installation or maintenance.
2. Connect the RGB LED flex strip (purchased separately) to the V+ RGB terminals on the AR-LED124 controller. Ensure that the V+ RGB connections are correctly aligned, see diagram below.
3. Please refer to the instructions provided with the LED Flex strip for termination details.
4. Connect the Constant Voltage LED Driver (purchased separately) to the DC input terminals (+ -) on the AR-LED124 controller. Ensure that the polarity is correct.
5. Please also refer to the instructions provided with the Constant Voltage LED Driver.
6. The color changing options are controlled by the hand remote.
7. Seven fixed static colors can be set Red, Blue, Green, Purple, Cyan, Yellow and White
8. Two modes can be set - Flashing and Fading
9. The flashing and fade speed is controlled by the Speed + and Speed- buttons
10. The intensity of the static colors can be set using the brightness up and down buttons.
11. The hand remote has a range of 10m.
12. Please note: The control is radio frequency. If two or more systems are installed within the operating range of the hand remote conflicts may occur.

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WIRING DIAGRAM



WARRANTY:

This product has a warranty of period of 1 year from the date of purchase. The warranty is invalid in the case of improper use, installation, tampering, and removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the National Electric Code. Should this product fail during the warranty period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Aurora does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in your country of purchase. Aurora reserves the right to alter specifications without prior notice.