

RF RGB CONTROLLER

- Wireless RF remote with dynamic color-changing modes
- 3 channels / 4 amps per channel
- Power: 290W Max
- Suitable for mobile applications
- IP63 rated
- Input and output voltage: 5-24Vdc
- Operating Temp: -20 to 50°C
- Radio frequency: 433.92 MHz
- FCC, RoHS compliant
- Remote Distance: >15 Meters
- Controller requires CR2025 battery



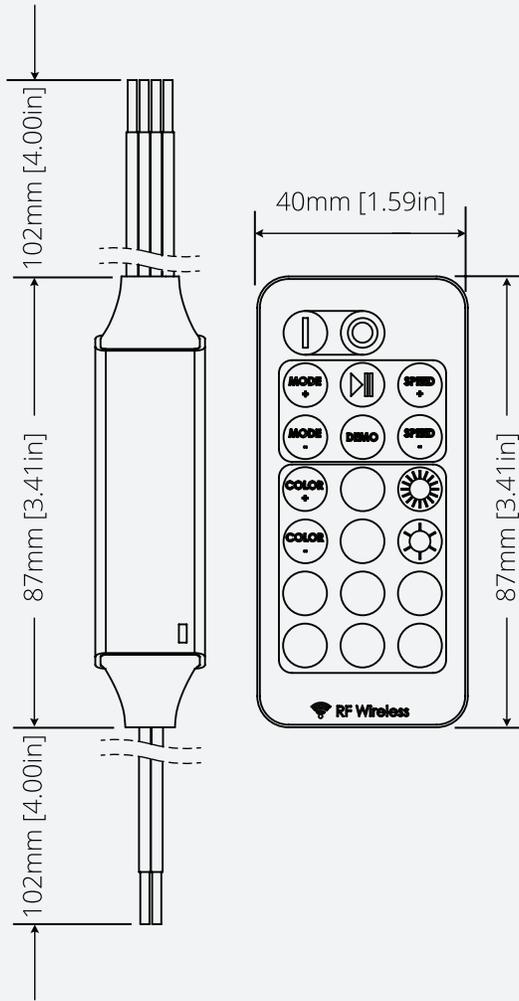
SPECIFICATIONS

PART NUMBER	CHANNELS	VOLTAGE (VDC)	CURRENT PER CHANNEL (A) MAX	WATTAGE PER CHANNEL (W MAX)
471122	Red	5 - 24	4	96
471122	Green	5 - 24	4	96
471122	Blue	5 - 24	4	96

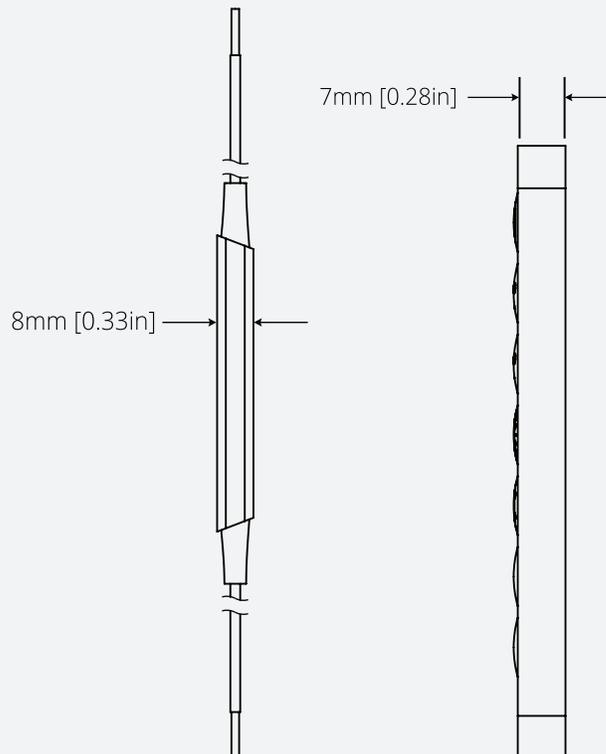
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DIMENSIONS

FRONT VIEW



SIDE VIEW



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INSTALLATION INSTRUCTIONS

PREPARATION: Keep the following in mind:

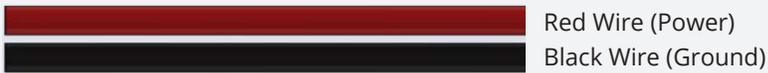
- Verify the location for the product to be installed.
- Plan how the necessary wiring will need to be routed.
- Choose a location to minimize the possibility of being bumped into and away from excessive heat sources.

NOTE: This product uses RF communication and should not be installed in a metal enclosure or under water.

FASTENING: The RF RGB Controller is intended to be wired in-line with the leads that connect to the RGB light being controlled; therefore, there are no fasteners provided with the product, and there is no recommended fastening method.

WIRING: RF RGB Controller – The RF RGB Controller has both input and output wires. Refer to the following wire polarity information when routing and connecting wires.

- Input Wires: 2 – (1 Power / 1 Ground)



- Output Wires: 4 – (1 Power / 3 Ground)

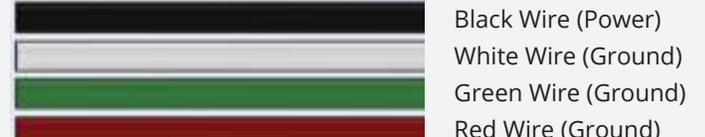


Vista Standard RGB Lighting Wire Colors – Due to product variation, the wire colors for some Vista RGB lights may vary depending on the product. Refer to the following wire polarity information for Vista RGB Lighting.

RF RGB Controller – Output Wires



Vista RGB Lighting (possible wire colors)



NOTE: Refer to recommended methods for splicing wires together when installing the product in-line with the RGB light.

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DISCONNECT POWER SOURCE (BATTERY) BEFORE STARTING ELECTRICAL WORK.

Recommended methods for splicing wires together (*parts not included in Vista product kits*):

- Solder and cover bare wires with heat shrink or electrical tape.
- Insulation-displacement connector (IDC) / insulation-piercing contact (IPC).
- Twist on wire connector, “wire nut”.
- Crimp connector, “Butt splice”.

WARNING:

1. Supply current and wattage must not exceed the rated values on the specification documents.
2. Incorrect polarity or improper wiring may cause personal injury and/or damage to the product. It is recommended that an electrical technician, professional, or similarly qualified individual finish wiring.
3. To avoid electrical shock risk, all failures should be examined by a qualified technician.
4. Environmental suitability, including but not limited to water resistance, varies based on product design. Unless explicitly noted, products are to be installed in a location shielded from outdoor elements. To avoid irreparable damage, refer to specification sheets to locate products in a proper environment.
5. Do not install products near an open flame or in high temperature environments unless the product is explicitly designed to function as such. Adversely, do not install products in excessively cold environments unless explicitly designed to function as such. Refer to product spec sheets/drawings for information about minimum and maximum operating temperatures.
6. Vista Manufacturing Inc. is not liable for any injuries or damage caused due to improper wiring or installation.

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