



Clarion CMR-L1 RGB LED Lighting Controller with Remote Instructions

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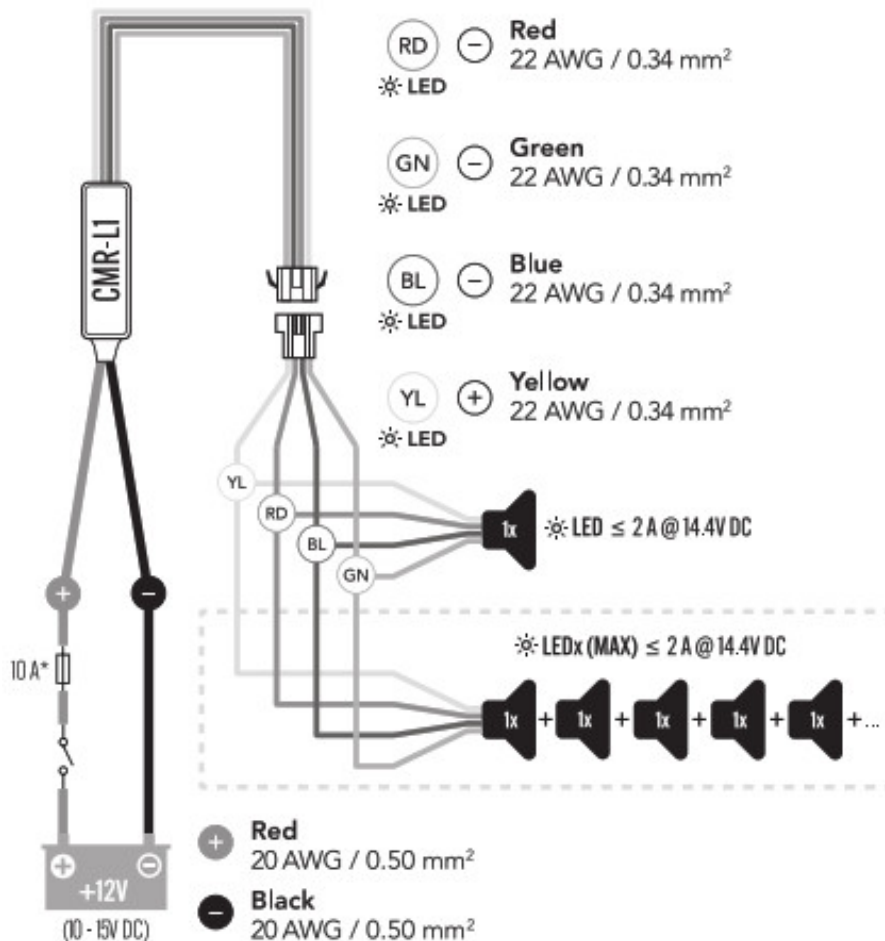


CMR-L1
RGB LED Lighting Controller
With remote

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General Conections



NOTES

- Install in a dry, well-ventilated location; do not install in an engine compartment or other areas of extreme heat. Do not install where it will be directly exposed to the elements.
- To optimize performance, avoid confined installation locations or areas surrounded by metal; maintain at least 25 cm (10 in) of separation from any audio signal cables.
- Make sure the total amperage demands of all connected LED circuits does not exceed the output capacity of the controller.
- Install a fuse (not included) at the main +12V power wire (Red) connection point that is appropriate for the total current draw of all LED circuits (up to 10 A).
- For short-circuit protection, we recommend installing a fuse (not included) at EACH speaker's +12V LED connection lead. Refer to your speaker's LED specifications for individual fuse values.

Control	Function
	Power: On/Off
	Demo Mode: On/Off
	Dynamic Mode: Select from 20 modes
	Speed: Select from 10 levels
	Fixed Color: Select from 20 colors
	Brightness: Select from 8 levels
	Preset Color: Select from 7 colors

FCC Compliance Statement

This equipment has been tested and found to comply with the limits of Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Specifications

Dynamic Modes	20
Dynamic Speed Levels	10
Static Colors	20
Direct Preset Colors	7
Brightness Levels	8
Operating Voltage	10 – 15V DC
Operating Temp Range	-4 °F to +158°F (-20 °C to +70 °C)
Operating Frequency	433.92 MHz
Operating Range*	Up to 15 m (49.2 ft)
Output Capacity	2 A (maximum)
Recommended Fuse Value	10 A (maximum)
Transmitter Battery	CR2025 (3V)
Dimensions (Transmitter)	2.99 in x 2 in x 1.07 in 76 mm x 50.8 mm x 27.2 mm
Dimensions (Receiver)	4.02 in x 3.01 in x 1.42 in 102.1 mm x 76.5 mm x 36.1 mm
*Individual operating range will vary based on transmitter battery level and installation conditions.	

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.



This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé. The device has been evaluated to meet general RF exposure requirement. This equipment should be installed and operated with minimum distance 0mm between the radiator & your body.

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Documents / Resources

	Clarion CMR-L1 RGB LED Lighting Controller with Remote [pdf] Instructions CMRL1, 2AD9E-CMRL1, 2AD9ECMRL1, CMR-L1 RGB LED Lighting Controller with Remote, RGB LED Lighting Controller with Remote, Lighting Controller with Remote, Controller with Remote, Remote
	Clarion CMR-L1 RGB LED Lighting Controller [pdf] User Manual CMR-L1, RGB LED Lighting Controller, LED Lighting Controller, Lighting Controller