

INSTALLATION INSTRUCTIONS LED-RGB-CTRL-24V

⚠ WARNING

These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes, and/or the current National Electric Code (NEC).

⚠ WARNING

When using this product outdoors, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury including the following:

- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for outdoor use. Receptacles are available having built-in GFCI protection for this measure of safety.
- Use only outdoor extension cords, such as type SEW, SEOW, SEOOW, SOW, SOOW, STW, STOW, STOOW, SJEW, SJEOW, SJEOOW, SJTW, SJTOW, or SJTOOW. This designation is marked in the wire of the extension cord. Never use with an extension cord unless plug can be fully inserted.

SAFETY INFORMATION

- Read all instructions before beginning. Save these instructions for future use.
- To reduce the risk of fire, electric shock, or injury to persons, pay close attention to this manual. Stay within its guidelines when using this product.
- All units must be unplugged before installing or servicing in any way.
- Do not route cords or units through walls, doors, windows, or any similar part of a building structure.
- Do not use if there is any damage to the unit, its lens, and/or power cord's insulation. Inspect periodically.
- Controller housing is suitable for outdoor use (rated IP44), however when used outdoors, all power, DMX, and/or output connections must be properly sealed with shrink tube and silicone and/or housed in a weather proof enclosure.
- Do not let the unit stand in water or liquid, nor locate where water can accumulate.
- Secure units with mounting hardware appropriate for the mounting surface. Do not secure unit or its power cord with staples, nails, or like materials that may damage insulation.
- Do not attempt to open or service this fixture. None of its parts are serviceable by the user.
- This product has a polarized, grounded plug as a safety feature. Do not cut the plug off or alter it in any way.
- Provide a grounded receptacle for within 5 feet of each fixture's location. If using outdoors, outlet(s) must also be GFCI and weatherproof.
- Operating temperature must be between 20°C and 45°C (-4°F and 113°F). Avoid high ambient temperatures.
- This controller requires the use of LED-RGB-15A-24V, 24V DC 15A power supply. Do not operate this controller with any other power supply.
- Do not exceed more than 88ft of RGB-NF total on controller (maximum single run for RGB-NF is 65ft)

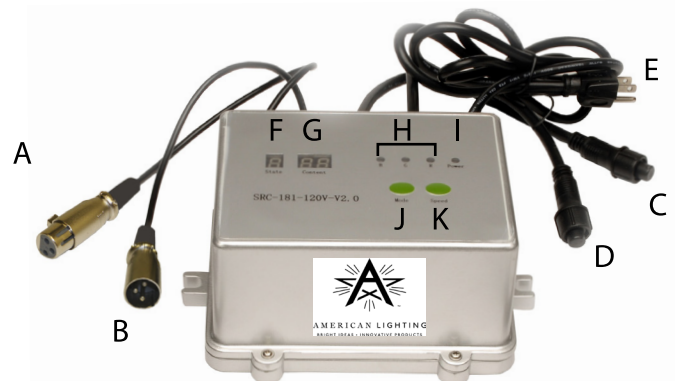
USING LED-RGB-CTRL-24V WITH RGB-NF:

LED-RGB-CTRL-24V requires the use of LED-RGB-15A-24V 24V DC power supply for operation. Disconnect power at the source prior to operation.

1. Connect the DC "OUT" from LED-RGB-15A-24V to the DC "IN" on LED-RGB-CTRL-24V
2. Connect one of the included adapter cables to the Signal "OUT" on LED-RGB-CTRL-24V
3. Follow the wiring guide on the adapter cable to connect to RGB-NF-CONKIT-NP
4. Follow mode instructions on page 2

LED-RGB-CTRL can be linked together by connecting the Signal "OUT" from first controller to the Signal "IN" on second controller. When multiple controllers are used, provide each one with a LED-RGB-15A-24V DC power supply. Do not exceed 65ft of RGB-NF in a single run, nor 88ft from a single controller. When power is applied, the default function is that the first controller in the series will become the master and the rest will become the secondary followers. The state indicator display screen will display "H" for master and "C" for secondary followers.

FIGURE 1



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|-----------------------------|-----------------------------|
| (A) DMX Out | (G) Content level display |
| (B) DMX In | (H) Output indicator lights |
| (C) Signal In | (I) Power indicator light |
| (D) Signal Out | (J) Mode select button |
| (E) Grounded power cord | (K) Speed select button |
| (F) State indicator display | |

INSTALLATION INSTRUCTIONS

LED-RGB-CTRL-24V

BUILT-IN FUNCTIONS AND CORRESPONDING DISPLAY INDICATORS:

LED-RGB-CTRL-24V requires the use of LED-RGB-15A-24V 24V DC power supply for operation. Disconnect power at the source prior to operation.

Use the “mode select” button to advance through modes D1-DA. When in modes D1-D7, using the “speed select” button will dim/brighten the static color. When in modes D8-DA, using the “speed select” button will change the speed rate of the effect.

MODE	RESULT	SPEED BUTTON FUNCTION
D1	Static Red	Brightness: P1 = Dimmest, P6 = Brightest
D2	Static Green	Brightness: P1 = Dimmest, P6 = Brightest
D3	Static Yellow	Brightness: P1 = Dimmest, P6 = Brightest
D4	Static Blue	Brightness: P1 = Dimmest, P6 = Brightest
D5	Static Purple	Brightness: P1 = Dimmest, P6 = Brightest
D6	Static Blue-Green	Brightness: P1 = Dimmest, P6 = Brightest
D7	Static White	Brightness: P1 = Dimmest, P6 = Brightest
D8	7-Color Skip	Speed Rate: P1 = Slowest, P6 = Fastest
D9	7-Color Flash	Speed Rate: P1 = Slowest, P6 = Fastest
DA	7-Color Fade	Speed Rate: P1 = Slowest, P6 = Fastest