EuControls
COLORS AND LIGHTS UNDER YOUR CONTROL

XR6-30600-RF
Multi-Function RGB Controller

Product Features

- 3-Channel RGB Control, 6A MAX per channel.
- Uses a wireless remote control. The remote control distance is 164 feet.
- Multi-Mode selections with Pause function.
- Power-off Memory function.
- 8-Level brightness and speed adjustment.
- 0 to 100% Brightness adjustment.

Product Specifications

- Input Voltage   6-24VDC
- Output Current   6A (Max) per channel
- Output Channel   3
- Output Power   12V: 216W; 24V: 432W
- Control Distance   164 feet
- Operating Temperature 0 - 50°C
- Dimensions   (L)211 x (W)40 x (H)30 (mm); (L)8.31 x (W)1.56 x (H)1.2 (inch)
- Weight   100g

Dimensions

XR6-30600-RF
Multi-Function LED Controller

Operation Instructions

6-24VDC

MODE   PAUSE   BRT+   BRT-   SPD+   SPD-

B
G
R
V

LED CONTROLLER

MODEL: XR6-30600-RF

INPUT

OUTPUT
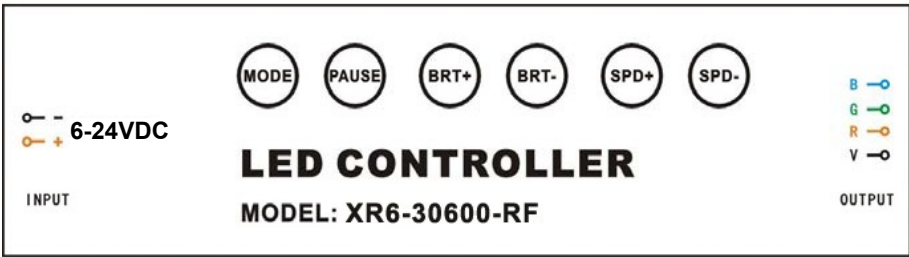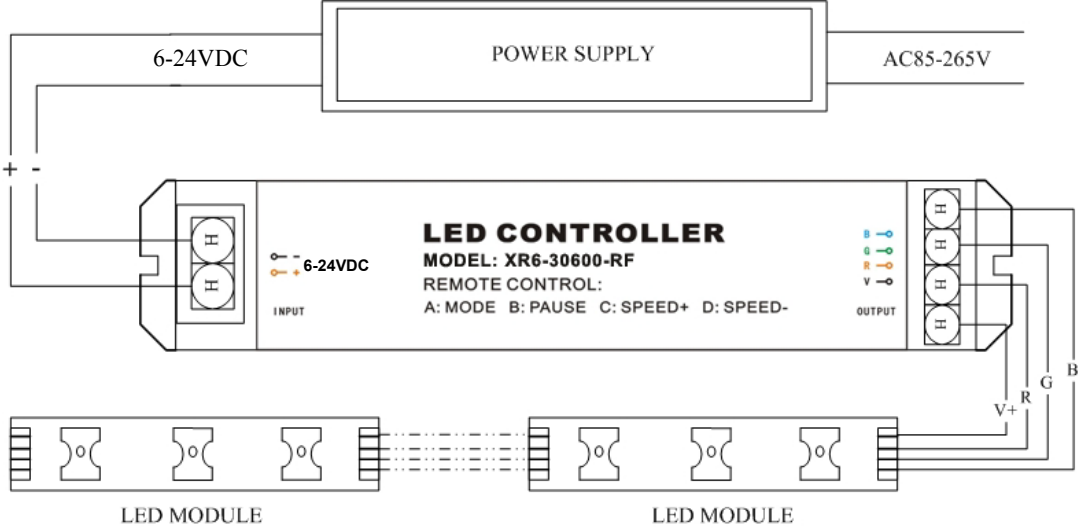
【Mode】: Change modes.
【Pause】: Remain at present color; Press again to exit pause function.
【BRT+】: Increases LED brightness level (Default is brightest).
【BRT-】: Decreases LED brightness level (Default is darkest).
【SPD+】: Increases speed level (Default is fastest level).
【SPD-】: Decreases speed level.

Remote Key Descriptions

【Mode】: Change modes.
【Pause】: Remain at present color; Press again to exit pause function.
【SPD+】: Increases speed level (Default is fastest level).
【SPD-】: Decreases speed level.

Color Modes

| Color Modes |
| --- |
| Mode 1: Slow Fading |
| Mode 2: Color Fading Learning Mode |
| Mode 3: Full-color Fading |
| Mode 4: Red/Green/White Jump |
| Mode 5: Loop Mode 2 and Mode 4 |

Connection Instructions

6-24VDC   POWER SUPPLY   AC85-265V

+ -

6-24VDC

LED CONTROLLER
MODEL: XR6-30600-RF
REMOTE CONTROL:
A: MODE   B: PAUSE   C: SPEED+   D: SPEED-

INPUT

B
G
R
V

OUTPUT

G   B
R
V+

LED MODULE   LED MODULE

⌂ Notes
● Controls various single-color modules and RGB full-color modules with common anode connections.

Specifications subject to change without notice

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Installation Instructions

(1) The input voltage should be limited to rated range.

(2) Do not overload.

(3) Need to install in dry environment.

(4) If load wires are too long, they can be connected by ring connection method shown below.

LED CONTROLLER
MODEL: XR6-30600-RF
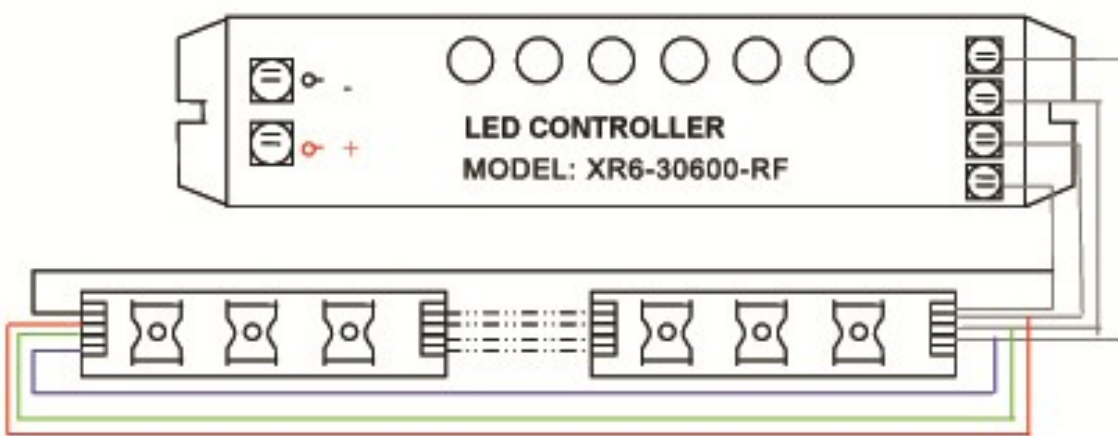
(5) All loads have to be common anode modules.

Troubleshooting Guides

Problem	Reason	Solution
All lights are off with power on.	Power wires are not connected properly or no output from power switch.	Reconnect the power wires or change the power switch.
	Power cord is not connected properly	Reconnect the power cord.
Some color lights are off.	Power wires for these colors are not connected properly.	Reconnect the power wires.
Abnormal flicker when light are changing.	Wires are too long or there is a poor connection.	Shorten wires or add an amplifier.

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