

# RGB/W signal repeater - Installation Instructions

## Model RGBW-SR



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**Please read all instructions prior to installation and keep for future reference!**

1. Ensure power to power supply is off before installing!
2. Use only with Class 2 power supply.



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**1**

Remove covers on both sides of RGBW signal repeater by using a small phillips screwdriver. Store covers and their fasteners until repeater setup is complete and functioning properly and then re-install them.

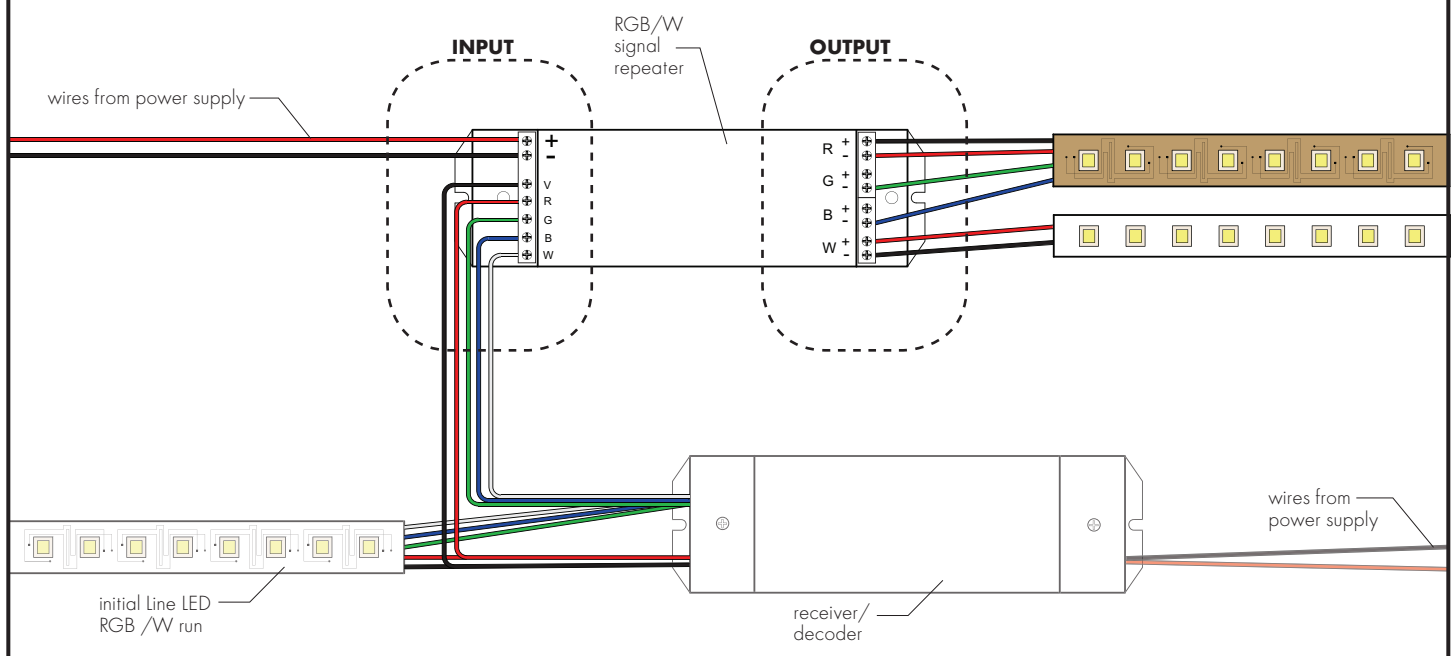
**2** Ensure power is off to power supply!

Also, ensure that the correct power supply (voltage and wattage) is used to power the LED strips connected to the repeater. Follow illustrated wiring diagram. Use phillips head screwdriver to open and close connection slots.

A single strip of RGBW LED or two strips of RGB LED and white light LED can be connected to the repeaters and receivers.

On the input side of the repeater, connect the black negative wire from power supply to "-" minus sign on repeater. Then connect the red positive wire from power supply to "+" plus signs on repeater. Then connect colored wires from initial Line LED RGB/W run in respective slots on RGB/W repeater like shown below.

On the output side, connect the black positive wire of the Line LED RGB to the "+" plus sign of the first color on the receiver (the RED). Then connect the three remaining wires from RGB LED strip to the negative slot of each respective color, like shown in diagram. For the white light LED strip, connect red wire to "+" sign and black wire to "-" of W slot.



This configuration can be replicated with additional RGB/W signal repeaters and adequate power supplies.