

# LT-3060-8A LED CV Power Repeater



FC CE RoHS

warranty 5 years



LED power repeater is suitable for all of LTECH power types(DIM,CT,RGB) LED controller's power expansion. It accepts PWM control. The controlled LED quantities would be double or triple by adding one more power repeater. Unlimited power repeaters could be connected theoretically. It has Short circuit/Over current/anti-reverse connection safety protection.

Constant voltage and constant current LED power repeater can be mixed connect, facilitate different voltage, high power and low power LED lamps controlled by one controller.

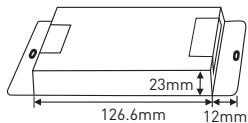
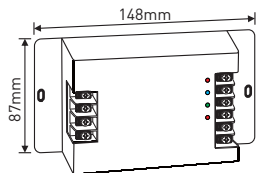
## 1. Product Parameter:

LT-3060-8A (Common Anode)

Input Signal: PWM [200Hz-2000Hz]  
 Input Voltage: 5-24Vdc  
 Max Current Load: 8A×3CH Max. 24A  
 Output Power: [0-40W...192W]×3CH Max. 576W  
 Protection: Over current / Short circuit / Reverse connection protection

Working Temperature: -30℃-65℃  
 Dimension: L148×W87×H23(mm)  
 Package Size: L158×W94×H31(mm)  
 Weight (G.W.): 380g

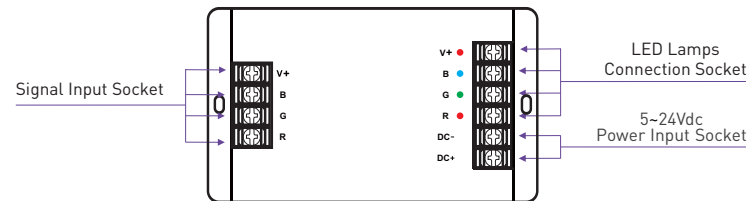
## 2. Product Size:



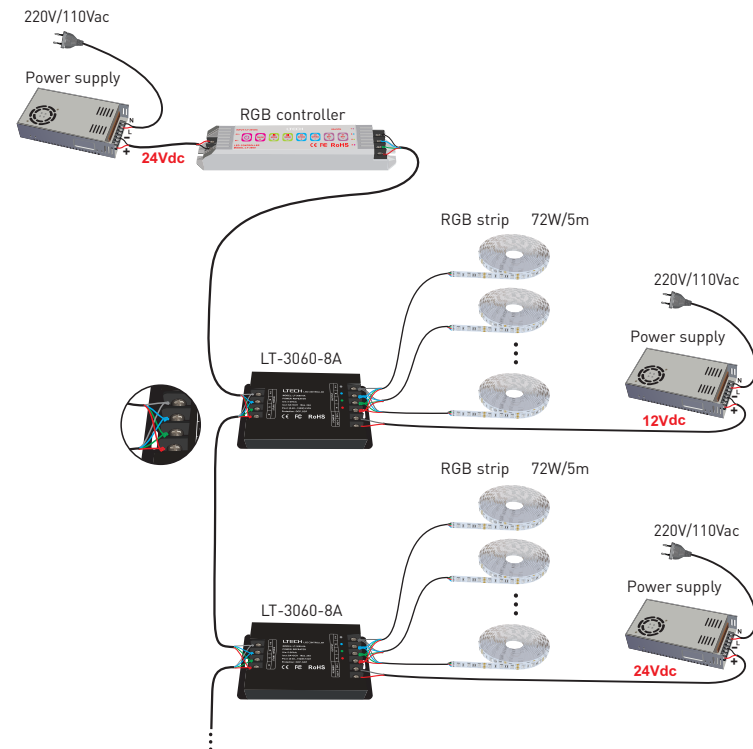
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## 3. Wiring Diagram:

Wire: AWG 22-12 0.3-3.3°

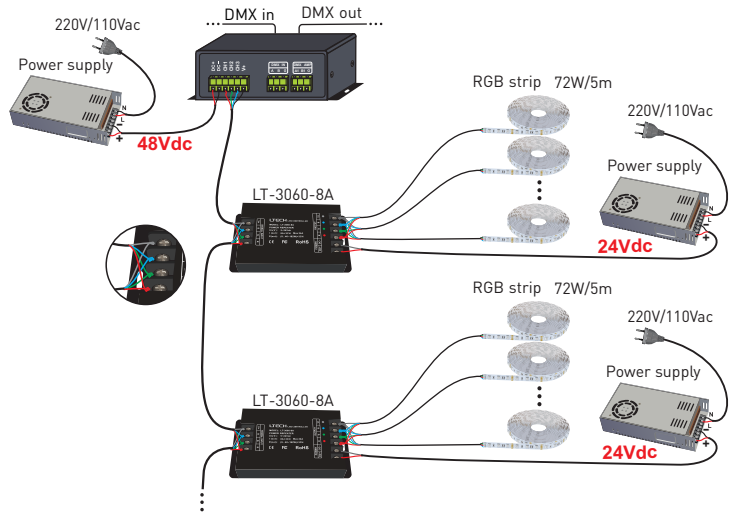


3.1 Diagram for the connection of repeaters with different voltage LED lamps:

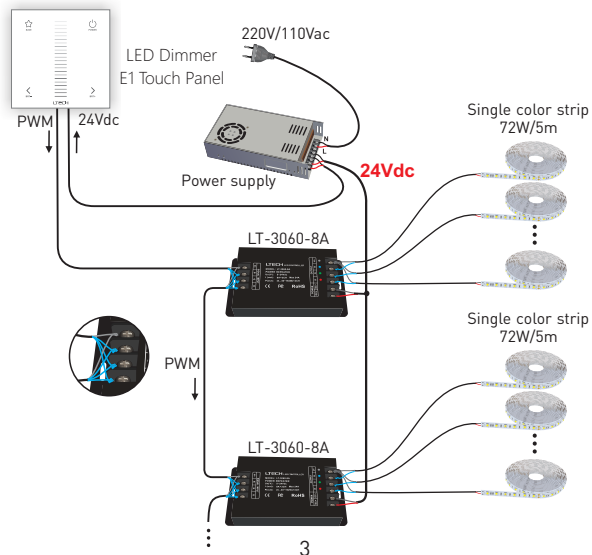


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3.2 Diagram for the connection of controllers and repeaters in different voltage:



3.3 Diagram for single power supply centralized power connection:



4. Attention:

- 4.1 The product shall be installed and serviced by the qualified person.
- 4.2 This product is non-waterproof. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- 4.3 Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 4.4 Please check if the output voltage of the LED power supply used comply with the working voltage of the product.
- 4.5 Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 4.6 Ensure all wire connections and polarities are correct before applying power to avoid any damages to the lights.
- 4.7 If a fault occurs, please return the product to your supplier. Do not attempt to fix this product by yourself.

5. Warranty Agreement:

- 5.1 We provide lifelong technical assistance with this product:
  - A 5-year warranty is given from the date of purchase. The warranty is for free repair or replacement if cover manufacturing faults only.
  - For faults beyond the 5-year warranty, we reserve the right to charge for time and parts.
- 5.2 Warranty exclusions below:
  - Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
  - The product appears to have excessive physical damage.
  - Damage due to natural disasters and force majeure.
  - Warranty label, fragile label and unique barcode label have been damaged.
  - The product has been replaced by a brand new product.

- 5.3 Repair or replacement as provided under this warranty is the exclusive remedy to the customer. We shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
- 5.4 Any amendment or adjustment to this warranty must be approved in writing by our company only.

\* No further notice if any changes in the manual. Product function depends on the goods. Please feel free to contact your supplier if any question.