



General

Product Type	Amplifier
Length (mm)	175
Width (mm)	44
Height (mm)	30
Housing Color	White
Housing Material	Plastic
Mounting	Surface mounted
Weight (g)	150
Wire Strip Length	5mm
Wire Type	2.5mm2

Electronics

Input Domain	DC
Input Voltage	12 ~ 48V DC
Output Voltage	3 ~ 46 V DC
Output Current (mA) max/output	350~1050
Output Power (W)	193.2W
Power Supply	N/A
LED Outputs	4

Lighting

Color Range	RGBW
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Control

Output Signal	PWM-CC
Control	PWM
Driver Configuration	Dip Switches
Number of Channels	4

Protection

Reverse Polarity	Yes
LED Output Short	Yes
Overload	Yes

Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP20

CE FCC IP20

5year warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

LT-3040-CC LED Constant Current Power Repeater



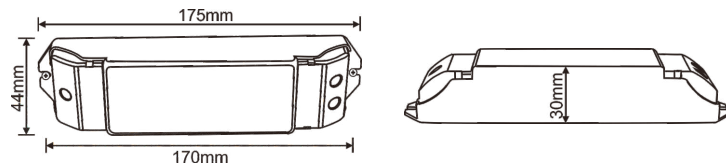
LED Power Repeater is suitable for all of our company's power-output style controllers' power expansion, it accepts PWM control, the control quantity of LED lights would be twice as much by adding one more power repeater, unlimited quantity of power repeater to be connected theoretically.

1. Product Parameter:

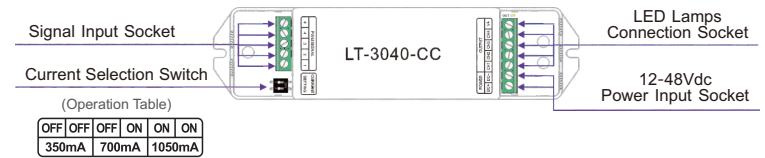
LT-3040-CC Constant Current Power Repeater

- Input Signal: PWM
- Input Voltage: 12~48Vdc
- Output Voltage: 3~46Vdc
- Output Current: CC 350/700/1050mA×4CH
- Output Power: 1.05W~48.3W×4CH Max 193.2W
- Driving LEDs: Series 1~13Pcs LEDs
- Protection: Short circuit / Over load
- Working Temperature: -30℃~55℃
- Dimension: L175×W44×H30(mm)
- Package Size: L178×W48×H33(mm)
- Weight (G.W.): 150g

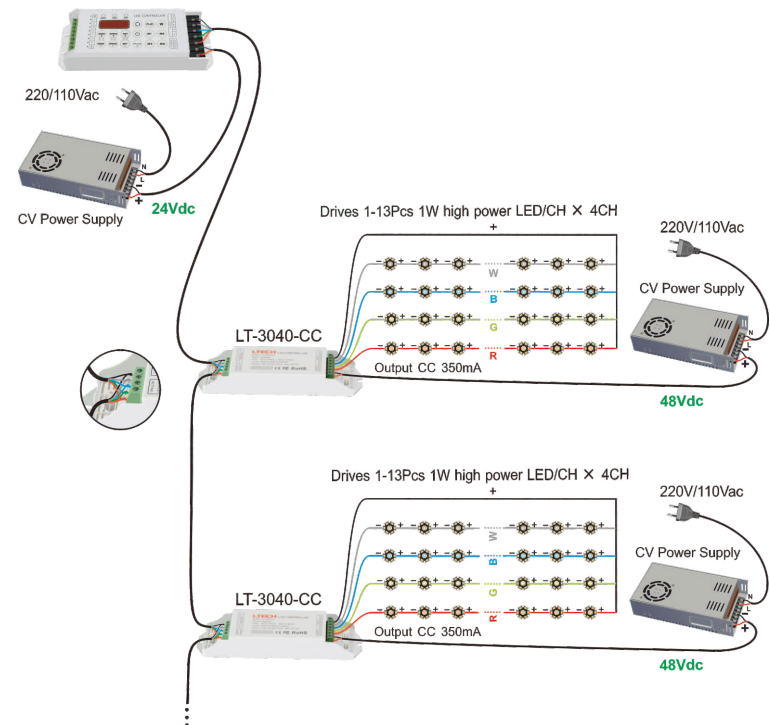
2. Product Size:



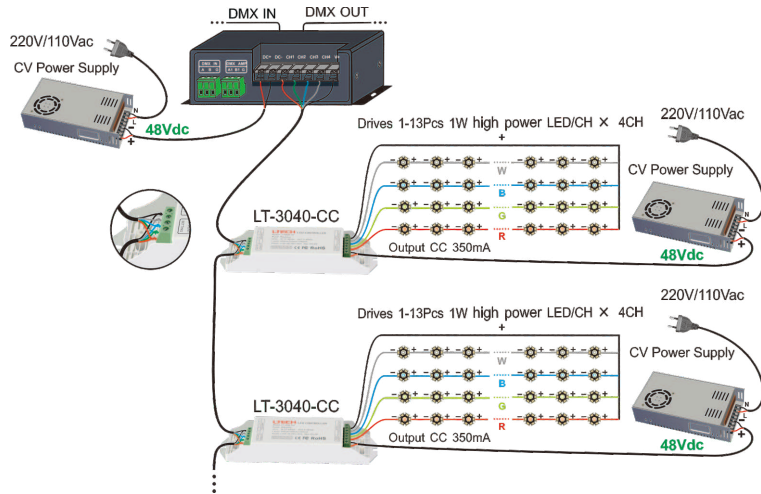
3. Wiring Diagram:



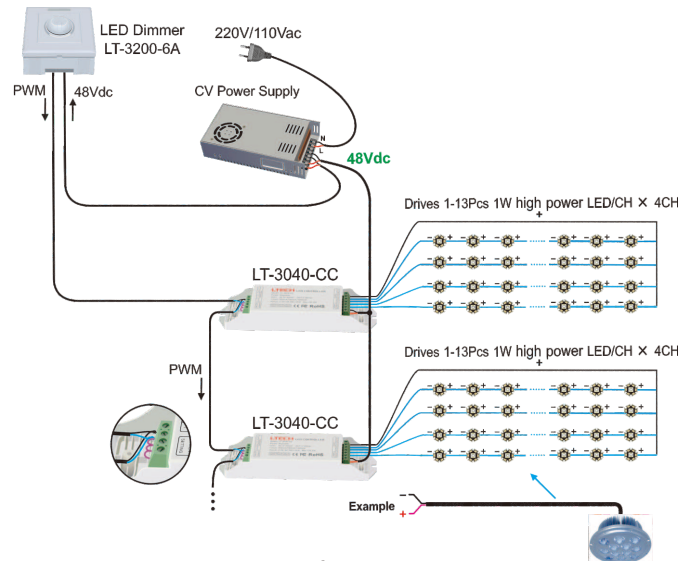
3.1 Repeaters connected to RGB controller as follow:



3.2 Repeaters connected to DMX constant current decoder:



3.3 Repeaters connected to LED wall dimmer as follow:



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.

★ This manual only applies to this model. We reserve the right to make changes without prior notice.