

6. Attention

1. The product shall be debugged and installed by professional persons.
2. This product is non-waterproof, please avoid the sun and rain. Put it in a water- proof box if install outdoor.
3. Good condition of heat dissipation will prolong the working life of controller, please install the product in a good ventilated condition.
4. Please check if the output voltage of the LED power supply comply with the voltage range of the product.
5. The diameter of adopted cable should load enough connected LED light. Ensure a solid connection in order to avoid triggering accident result from poor contact or cable overheat.
6. Ensure all wire connection are correct before power debugging, which is to avoid lamps to be burnt because of wrong connection.
7. Please do not maintain it by yourself if any fault, please contact your supplier if any question.

7. After sales service

1. Our LED controllers are provided with lifelong technical maintenance and warranty service.
 - Free warranty: Within 2 years from the date of purchase, we will offer free repair or replacement if any product quality problem.
 - Charge warranty: If the product beyond the free charge maintenance period, we will charge certain material cost.
2. The below situations exclude from free warranty.
 - The damage caused by improper connection to power supply, exceeded voltage, overload.
 - Use the product in a incorrect way.
 - The appearance of the product has been damaged severely or be out of shape.
 - Natural disasters and force majeure damage.
 - Warranty fragile label and the unique barcode have been damage.
3. The most responsibility we take is that we change the same models and same quantities products.
4. As for the repair products, please write down the description to malfunction, working environment, and what you have done when malfunction happened, which are helpful to solve the problems quickly.

This manual is only apply to this model. Any update is subjected to change without prior notice.



HV9106-LT-393-5A 0-10V LED Dimming Driver (Constant Voltage)



Along with the rise of LED illumination, LED lamps are widely used in hotel, business center, household decoration, etc. there are more and more chances to use LED and fluorescent lights at the same project, if LED lamps and fluorescent lights can be controlled together by a traditional fluorescent dimming system. It will make everything more convenient, but the dimming principles of LED and traditional fluorescent lights are different, LED lights can not be dimmed by the fluorescent dimming controller directly.

As a fact of that, our company developed a new 0-10V to PWM dimming driver which has solved the compatible problem of fluorescent dimming system. And LED illumination, LED lamps can be controlled by many traditional intelligent dimming system.

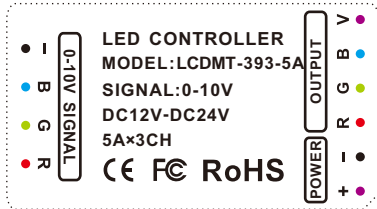
1. Product parameter

| LT-393-5A 0-10V LED Dimming Driver | |
|------------------------------------|-----------------------------|
| Power supply chosen | DC CV SMPS |
| Input voltage | DC12~V ~ DC24V |
| Signal input | 0-10V analog dimming signal |
| Signal Output | PWM LED dimming signal |
| Max loadable current | 5A/CH×3CH 15A Max |
| Max Output power | 180W 12V/360W 24V |
| Temperature range | -30°C-55°C |
| Product size | L121×W39×H39(mm) |
| Package size | L123×W42×H42(mm) |
| Weight(G.W) | 90g |

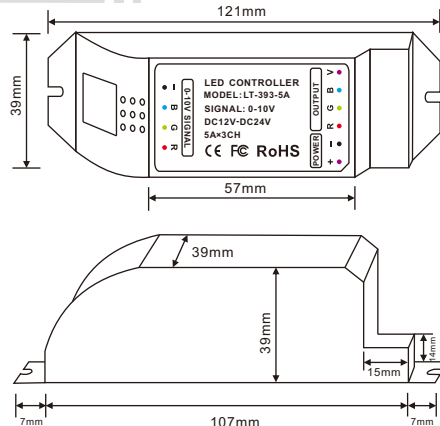
2. Basic Features

1. 0-10V analog dimming signal to PWM dimming signal conversion.
2. Optical isolation protection for input & output.
3. Compatible with many brand dimming systems.
4. Working voltage from DC12V-DC24V.
5. 3 output channels, every channel can load max 5A, 15A totally.
6. Multi units can be worked together or use our power repeaters to control more lamps.

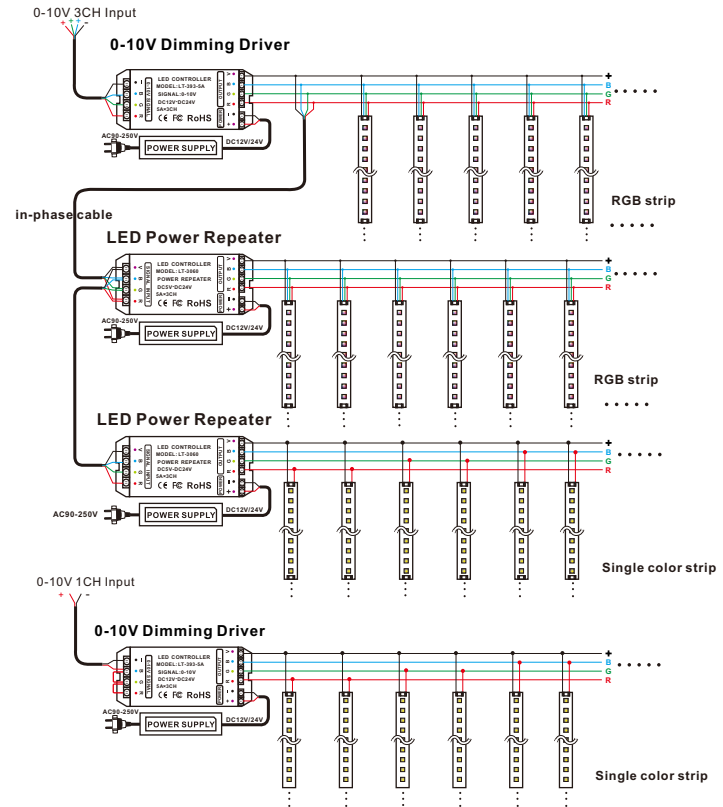
3. Product label



4. Product dimension



5. Conjunction Diagram (sample)



1. Any normal single color, RGB LED strip, module, etc. can be controlled by our 0-10V dimming driver (common anode).
2. The RGB cables on the input port can be combined as one signal cable to connect the single channel of the dimming system.