

HV9107-LT-403-5A DALI LED Dimming Driver



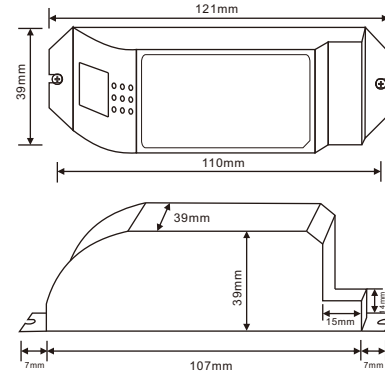
DALI is the young generation lighting control protocol in the realm of lighting control at present, Which adopt Manchester encoding transmission, With overall, grouping dimming, addressing dimming, various scene mode set, brightness traced, breakdown feedbacked, etc. powerful dimming function. Modern top grade hotel, shopping mall, household increasingly request high standard to lighting system. DALI protocol bus-mastering with simple, reliable, superior function etc. features, are used widely, showing the powerful advantage in the realm of intelligent lighting control.

DALI bus-mastering protocol is the intelligent lighting master match using with the dimmable ballast before, used to adjust the lighting scenarios of the fluorescent. DALI LED dimming driver launched by our company adopt the newest DALI standard IEC62386, can connect any equipment that accord with DALI protocol to 1 DALI bus-mastering, which realize the LED lighting products and traditional lighting integrated in the same lighting system, greatly facilitate the users.

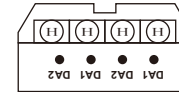
1. Product parameter

LCDMLT-403-5A	
Power supply chosen	DC CV SMPS
Input voltage	DC12V~DC24V
Output current	5A x3CH
Max output power	180W/360W(12V/24V)
Input signal	DALI digital dimming signal
Output signal	CV PWM
Working temperature	-30°C~55°C
Dimension	L121×W39×H39(mm)
Package Size	L123×W42×H42(mm)
Weight(G.W)	90g

2. Product dimension

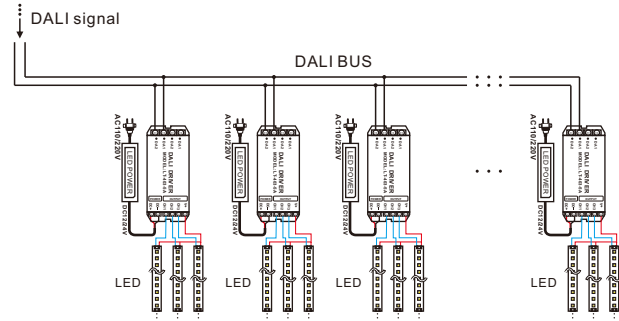


3. Conjunction Diagram

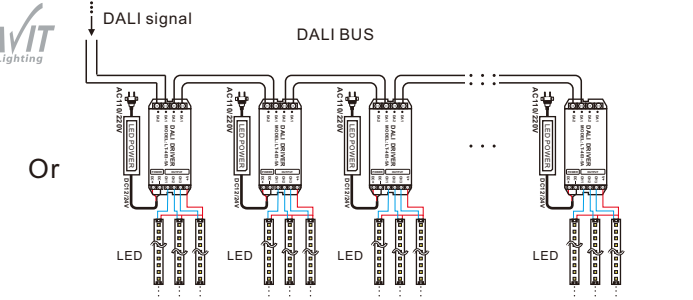


DALI bus no need distinguish plus-minus polarity

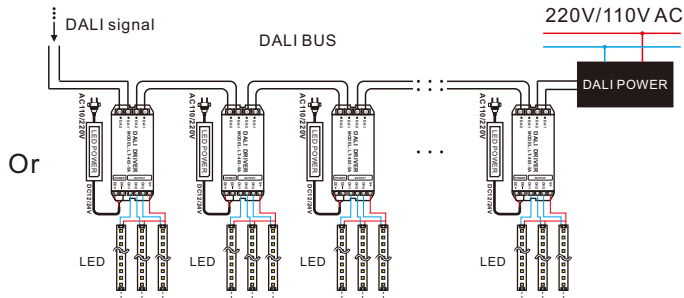
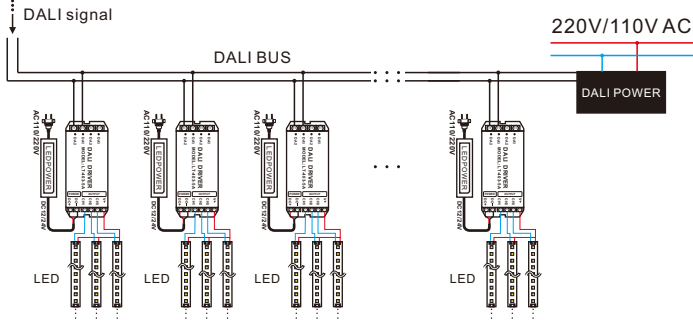
1. Active DALI bus in connection method



Or



2. Passive DALI bus in connection method, working with Power repeater



Or

3

4. Attention

1. The product shall be installed and serviced by a qualified person.
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.
3. Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
4. Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
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 to avoid arcing and subsequent failure or accident.
6. Ensure all wire connections and polarities are correct before applying power.
7. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

5. Warranty Agreement

1. We provide lifelong technical assistance with this product:
 - A 3 year warranty is given from the date of purchase. The warranty is for free repair or replacement and covers manufacturing faults only.
 - For faults beyond the 3 year warranty we reserve the right to charge for time and parts.
2. Warranty exclusions below:
 - The damage caused by improper connection to power supply, 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.
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.
4. Any amendment or adjustment to this warranty must be approved in writing.

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

4