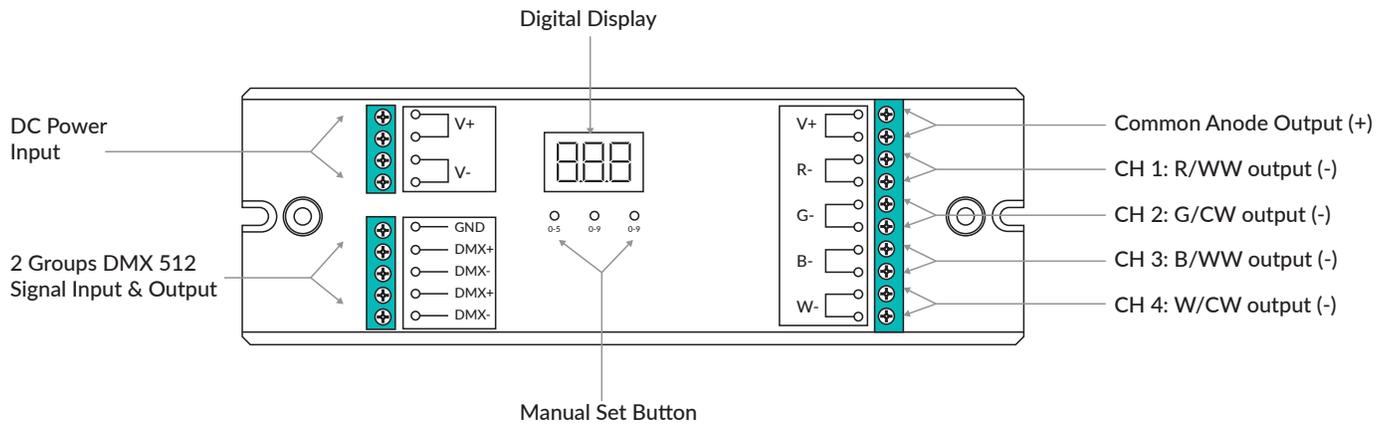


**PRODUCT DATA:**

PART NUMBER	INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	REMARKS	SIZE (LXWXH)
LLI-C-DEC-DMX512-8A	12-36V DC	4 X 8A	4 X (96-288)W	CONSTANT VOLTAGE	6.70" X 2.32" X 1.14"

**FUNCTION INTRODUCTION:**


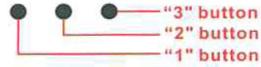
## SAFETY INFORMATION

**WARNING:** These products may represent a potential shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, local electrical codes and the National Electric Code (NEC).

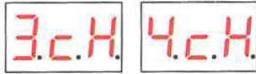
- DO NOT install with power applied to device.
- DO NOT operate the dial switches for device mode selection with power applied to device.
- DO NOT expose the device to moisture.

*DMX Certified Cable is required for use between Decoders/Receivers and Controllers. The cable must be rated for electronic transmission. Standard solid/stranded building wire (THHN & others) will not work to transmit the DMX signal.*

## Operations



Through buttons to set desired DMX512 address, click button 1 to set "hundreds" position, 2 to set "tens" position, 3 to set "unit" position.



### Choose Channel

Press and hold down 2nd and 3rd buttons simultaneously for 2 seconds, cH digital display flashes, then click 1st button to choose 1/2/3/4, 3 means total 3 channels, 4 means total 4 channels. Press and hold down any button for >2 seconds to confirm the 1,2,3 or 4 channels. The factory preset default is 4 channels outputs.

### NOTE:

For example, when we set address to 001  
When select 1cH, all four channels will be the same address 001.  
When select 2cH, channel one and channel three will be the same address 001, channel two and channel four will be 002.  
When select 3cH, channel 1,2,3 will be address 001,002,003, and channel 4 address is also 001  
When select 4cH, channel 1, 2, 3,4 will be address 001, 002,003,004.

## Set DMX Address

Press and hold down 1st button for 2 seconds, digital display flashes to set the required DMX address, then press and hold down any button for >2 seconds to confirm.



### Choose PWM frequency

Press and hold down 1st and 3rd buttons simultaneously for 2 seconds, digital display flashes to show P-c.  
P means PWM frequency, click 1st button to show, "1" means 1500Hz, "2" means 200Hz.  
c means dimming options, click 3rd button to show, "1" means logarithmic dimming, "2" means linear dimming.

The factory preset default is PWM frequency 1500Hz with linear dimming. 1-2

## Wiring Diagrams

