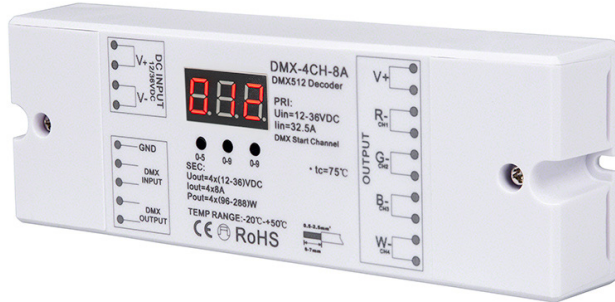


Important: Read all instructions prior to installation.

## DMX Decoder for LED DMX Controllers with Address Digital Display - 4 Channel, 8A

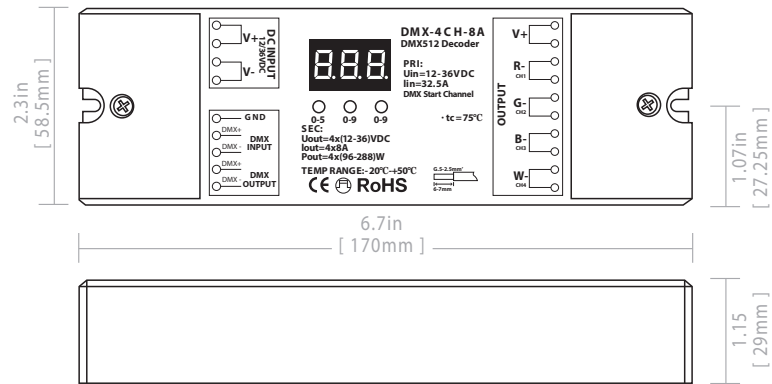


4 Channel DMX Controller/Decoder controls up to 4 different 12~36VDC LED products or any one RGBW LED Light Bar or Strip. DMX address is easily set using push button switches under display. Receives DMX-512 digital control signals via 3 wire terminal strip connection. DMX decoding driver converts universal DMX512/1990 digital signal to PWM signal, which can be controlled by DMX512 console with 16-bit gray scale output per channel. Maximum load 8 Amps per channel - 32 Amps total. Available DMX Starting Channels 001-508.

### Technical Specs

Decode Channel	4CH
Input Signal	DMX-512/1990 digital signal
Output Signal	32A Total Maximum Load
Power Supply	DC 12~36V
Power Dis.	4CH x 8A
Power Output	96W~288W
Operating Temp.	-20°C~50°C
Size	6.7in(170mm)×2.3in(58.5mm)×1.15in(29mm)
Weight	160g

### Product dimension



## Operation Interface Instruction

### Programming

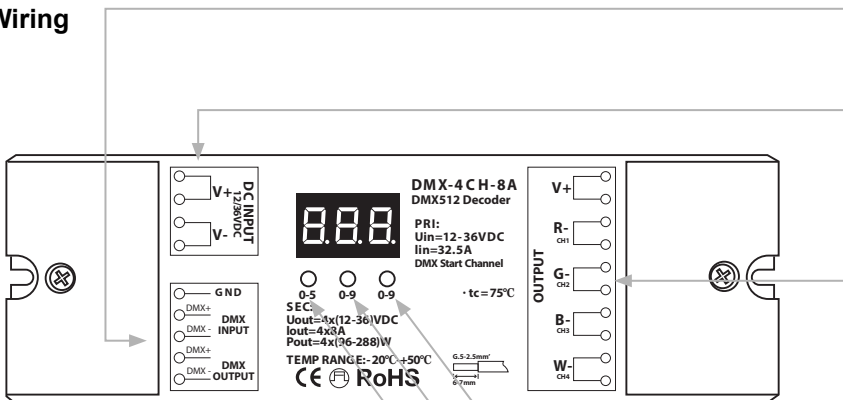
#### Setting the beginning channel:

Press the 0-5 Button until desired hundreds digit is selected. Press the 0-9 Button until desired tens digit is selected. Press the 0-9 Button until desired single digit is selected. To select a channel number lower than one hundred enter the correct digits in the ones and tens position then select zero for the hundreds digit. Available DMX Starting Channels 001-508.

#### Setting the channel mode:

Press and hold both 0-9 buttons for four seconds to set the number of channels you would like to use. Use the 0-5 Button to select from 3Ch, 4Ch or 5Ch. Once your selection is shown in the display press either of the 0-9 Buttons for four seconds to save your setting.

### Wiring



DMX signal (DMX 512)	
Data +	DMX Data High
Data -	DMX Data Low
GND	DMX Ground

DC 12-36V (12 volt - 36 volt DC)	
V-	DC Power In Negative
V+	DC Power In Positive

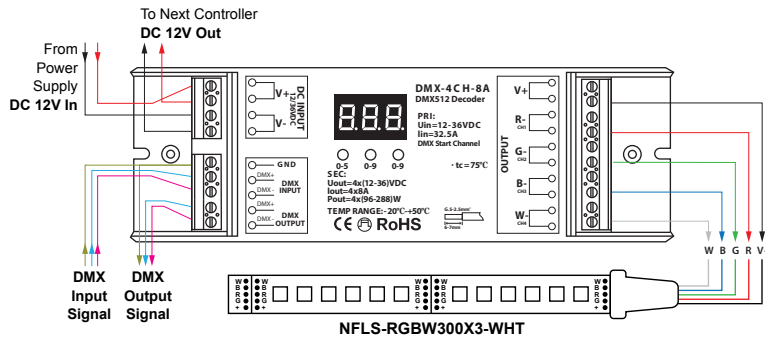
Output Channels (4 x 8 Amp, 32 Amp total, Output Voltage Determined By Input Voltage)	
V+	Common Positive Voltage
R	Red / DMX Channel One Output (8 Amp MAX)
G	Green / DMX Channel Two Output (8 Amp MAX)
B	Blue / DMX Channel Three Output (8 Amp MAX)
W	White / DMX Channel Four Output (8 Amp MAX)

Display and Buttons	
Display	Current Starting DMX Channel
Button 0-5	Increase Hundereds Digits Channel Number (0xx-5xx)
Button 0-9	Increase Tens Digit Channel Number (0x-9x)
Button 0-9	Increase Single Digit Channel Number (0-9)

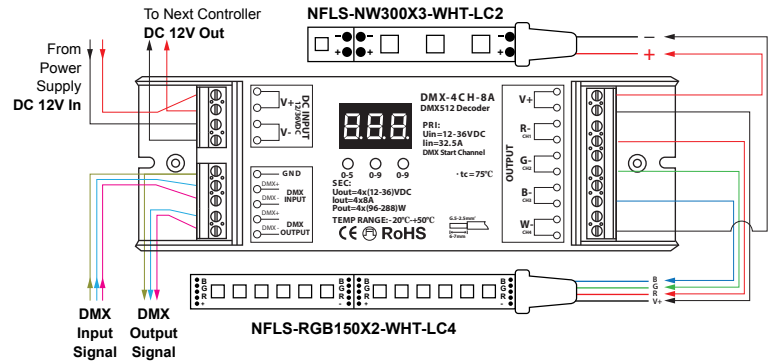


## Conjunction Diagram

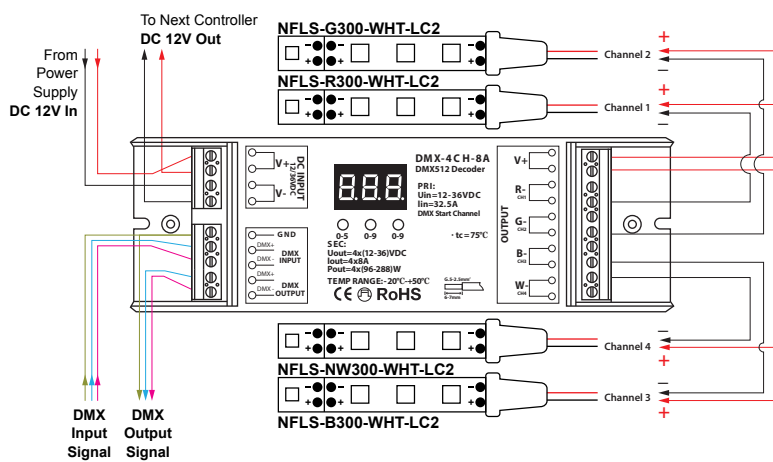
### (1) RGBW Application



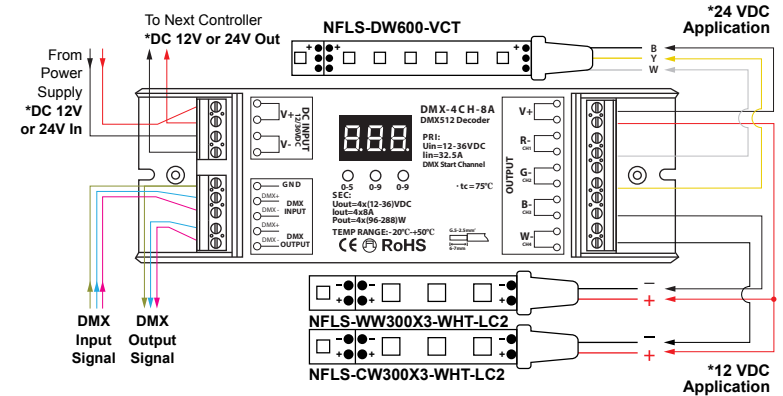
### (2) RGB and Single Color Application



### (3) Four Single Color Application



### (4) Dual Variable Color Temperature Application



\*Must use the correct voltage with the correct product. Do Not Mix Voltages. 12VDC OR 24VDC.

## Warranty Agreement

1. A Lifetime Warranty is given from the date of purchase. The warranty is for free repair or replacement and covers manufacturing faults only.
2. Warranty exclusions:
  - 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 accidents.
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 by our company only.

## Safety & Warnings

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 the accidents due to overheat and poor contact on the wire.
6. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
7. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.



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