

DMX DECODER

Product Code: NF-DMX-5A-4CH

NOVA FLEX

Features

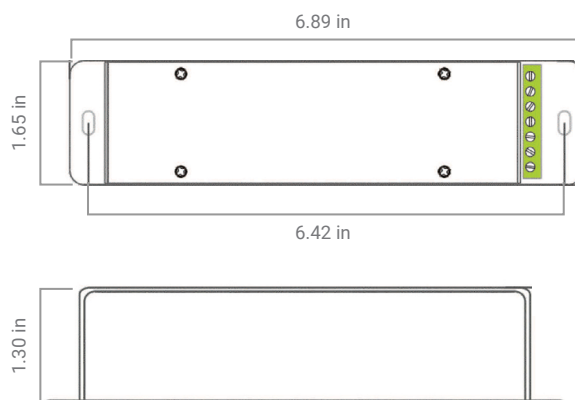
- Works with Static, Adjustable, RGB, or RGBW LEDs
- Dimmable down to 0%



Data

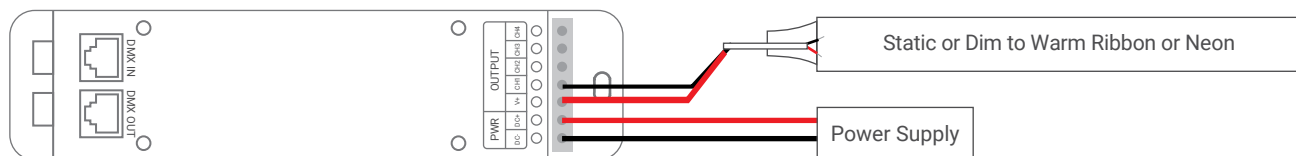
Input Signal	DMX512, RDM
Input Voltage	12 - 24 VDC
Output Voltage	12 - 24 VDC
Current Load	5A x 4CH Max. 20 Amps
Output Power	480 W Max
DMX512 Socket	RJ45
Protection	Short Circuit / Over Load Recover Automatically
Working Temp	-22° - 149° F
Weight	310 Grams

Dimensions

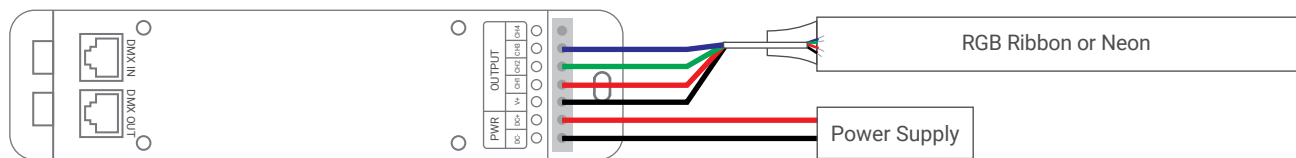


WIRING DIAGRAMS DMX DECODER

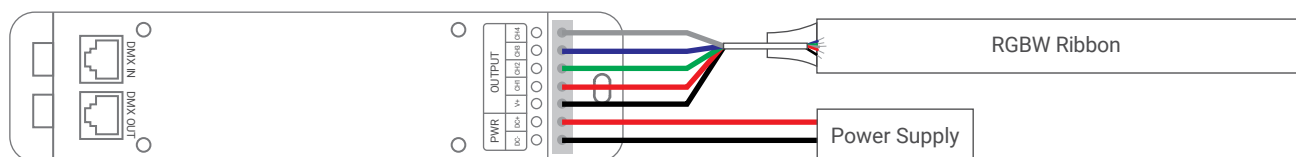
Static and Dim to Warm



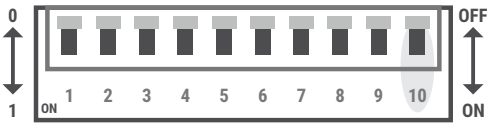
RGB



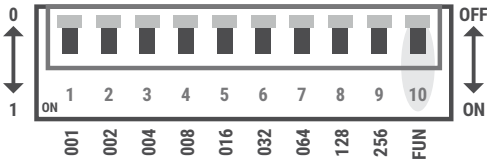
RGBW



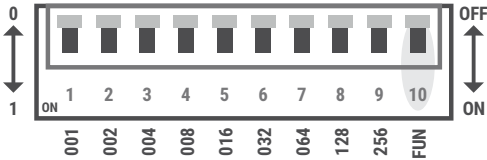
OPERATION DMX DECODER



RDM Mode:
The dip switch 1 - 10 OFF



DMX Mode:
FUN = OFF (the 10th dip switch = OFF)
Setting DMX addresses with dip switch 1 - 10

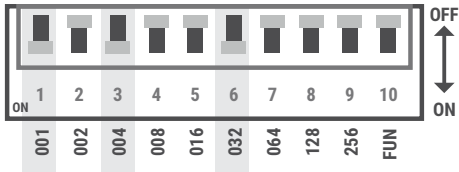
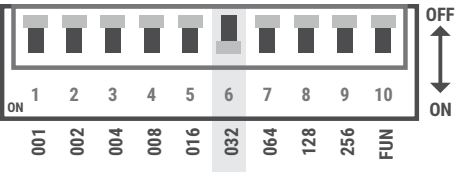


Self Testing Mode:
FUN = ON (the 10th dip switch = ON)

Dip Switch Operation

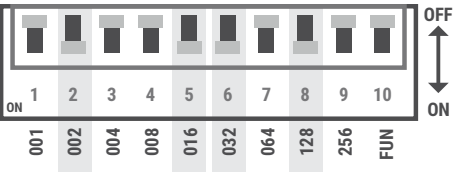
FUN = OFF (the 10th dip switch = OFF) **DMX Mode**
DMX address value = the total value of [1 - 9], to get the place value when in "ON" position, otherwise will be 0.

E.g.1: Set Initial Address To 32.



$001 + 004 + 032 = 37$

E.g.2: Set Initial Address To 178.

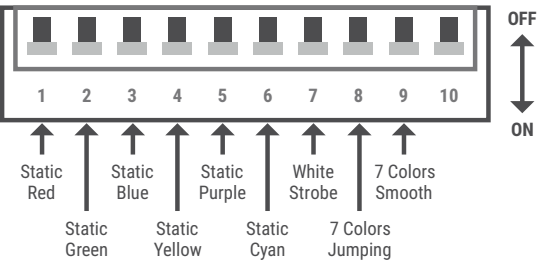


$002 + 016 + 032 + 128 = 178$

Testing Function

FUN = ON (the 10th dip switch = ON) **Self-testing Mode**

Dip Switch	1 - 9 = OFF	1 = ON	2 = ON	3 = ON	4 = ON	5 = ON	6 = ON	7 = ON	8 = ON	9 = ON
Self-Test Function	Static Black	Static Red	Static Green	Static Blue	Static Yellow	Static Purple	Static Cyan	White Strobe	7 Colors Jumping	7 Colors Smooth



For changing effects (Dip Switch 8/9=on)
DIP switch 1 - 7 is used to realize 7 speed levels. (7=ON, the fastest level)

Attn: When several dip switches are on, subjected to the highest switch value.
As the figure above shows, the effect will be 7 colors smooth at 6 speed level.

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- INSTALLATION GUIDES
- WHY NOVA FLEX
- RESOURCES