DMX DECODER

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

NOVA FLEX®

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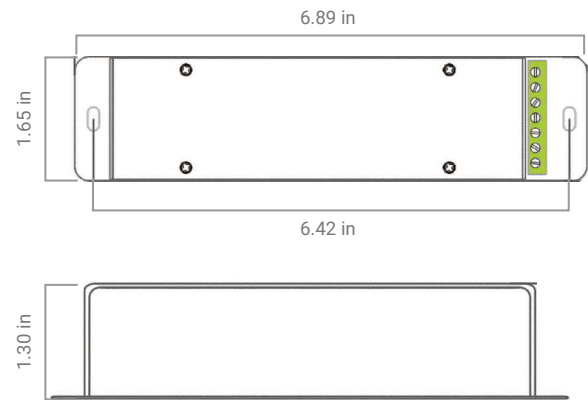
• Works with Static, Adjustable, RGB, or RGBW LEDs
• Dimmable down to 0%

Data

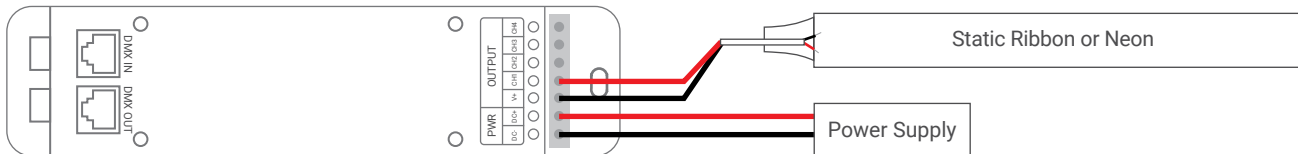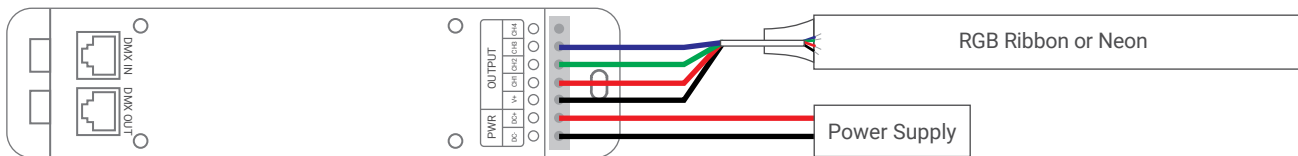|	
Input Signal	DMX512, RDM
Input Voltage	12 - 24 VDC
Output Voltage	12 - 24 VDC
Current Load	5A x 4CH Max. 20 Amps
Output Power	480 W Max
DMX512 Socket	RJ45
Protection	Short Circuit / Over Load Recover Automatically
Working Temp	-22° - 149° F
Weight	310 Grams

Dimensions

6.89 in

1.65 in

6.42 in

1.30 in

WIRING DIAGRAMS DMX DECODER

Static

Static Ribbon or Neon

Power Supply

RGB

RGB Ribbon or Neon

Power Supply

RGBW

RGBW Ribbon

Power Supply
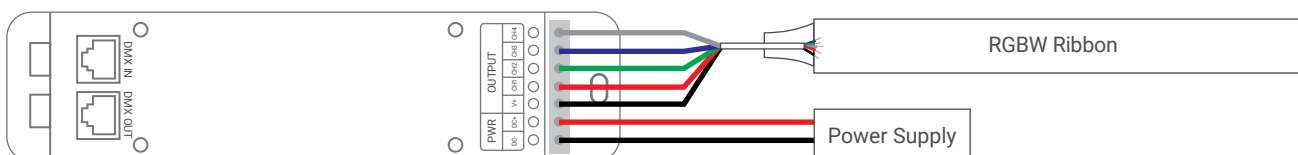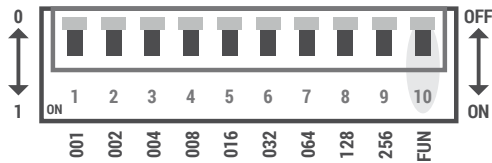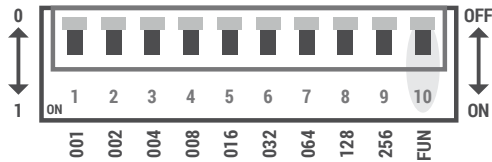
OPERATION DMX DECODER

RDM Mode:
The dip switch 1 - 10 OFF

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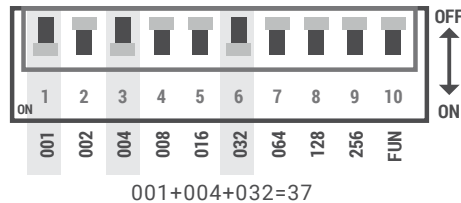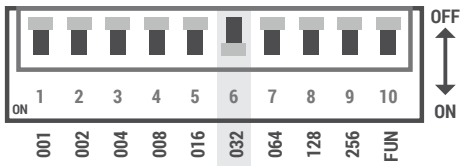Setting DMX addresses with dip switch 1 - 10

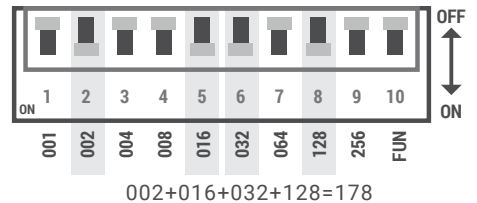**Self Testing Mode:**
FUN = ON (the 10th dip switch = ON)

Dip Switch Operation

FUN = OFF (the10th 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.
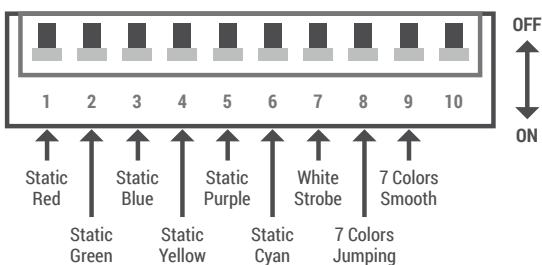
E.g.1: Set Initial Address To 32.

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

001+004+032=37

002+016+032+128=178

Testing Function

FUN = ON (the10th 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.