DMX Decoder - Installation Instructions
Model DDMX-

Please read all instructions prior to installation and keep for future reference!

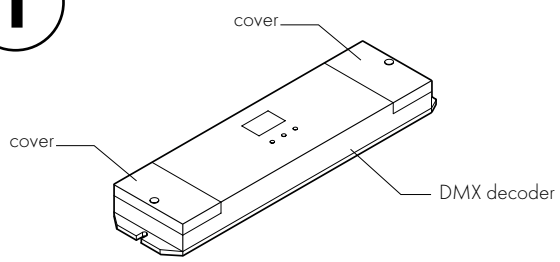
1. Ensure power to power supply is off before installing!
2. Use only with Class 2 power supply.

REV0.8
092682025

1 / 2

luminii
7777 Merrimac Ave
Niles, IL 60714
T 224.333.6033
F 224.757.7557
info@luminii.com
www.luminii.com

1



Prior to installing determine the location, which requires a minimum of 2" clearance around the decoder to provide proper air circulation.

Remove covers on both sides of DMX decoder by using a small phillips screwdriver. Store covers and their fasteners until decoder setup is complete and functioning properly and then re-install them.

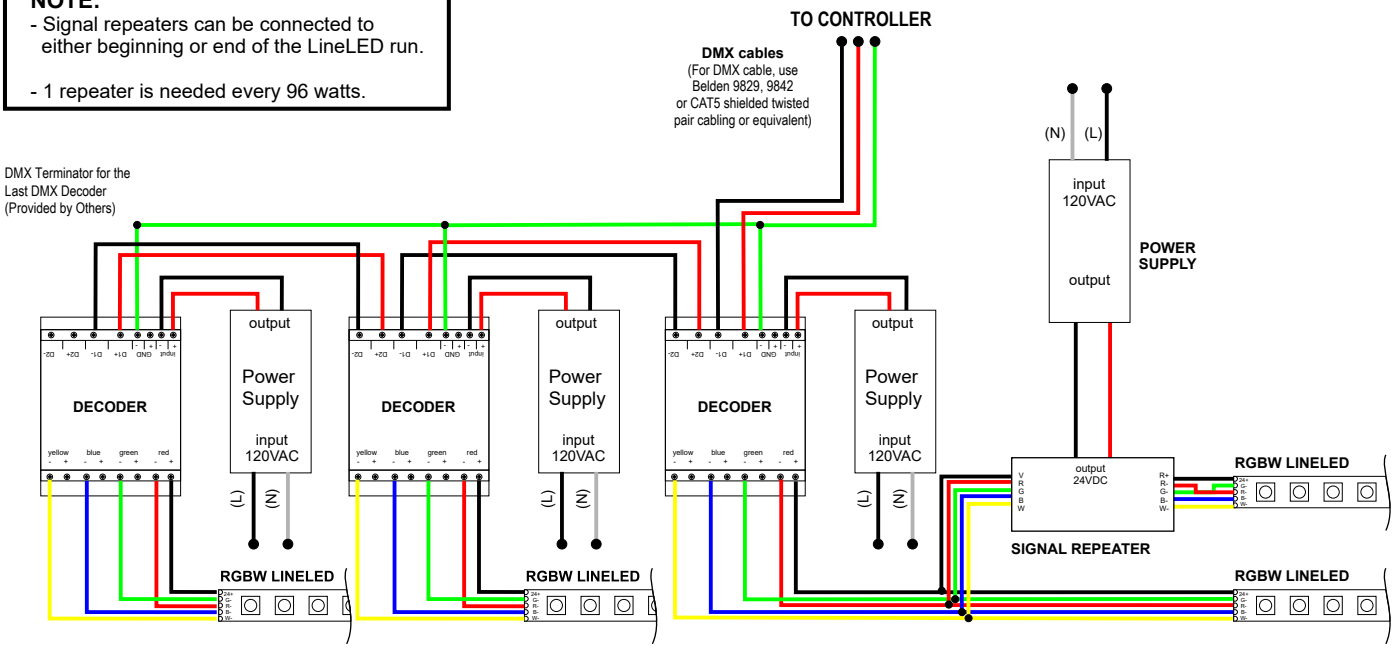
1

Ensure power is off to power supply!

Also, ensure that the correct power supply (voltage and wattage) is used to power the LED strips connected to the decoder. Follow illustrated wiring diagram. Use phillips head screwdriver to open and close connection slots.

- wiring for RGBW & Signal Repeater

NOTE:
- Signal repeaters can be connected to either beginning or end of the LineLED run.
- 1 repeater is needed every 96 watts.



NOTE:
1) Power Supply Unit required, but not provided with DDMX-RGBW

*LUMINII RESERVES THE RIGHTS TO CHANGE SPECIFICATION & INSTRUCTION WITHOUT NOTICE

DMX Decoder - Installation Instructions
Model DDMX-

Please read all instructions prior to installation and keep for future reference!

1. Ensure power to power supply is off before installing!
2. Use only with Class 2 power supply.

REV0.8
092682025

luminii
7777 Merrimac Ave
Niles, IL 60714
T 224.333.6033
F 224.757.7557
info@luminii.com
www.luminii.com

2

1. Power on device

2. How to set DMX512 decoder address:
Hold any one of the buttons (for example button "1") until the display flashing, then set the DMX address. Then hold any one button to confirm it.

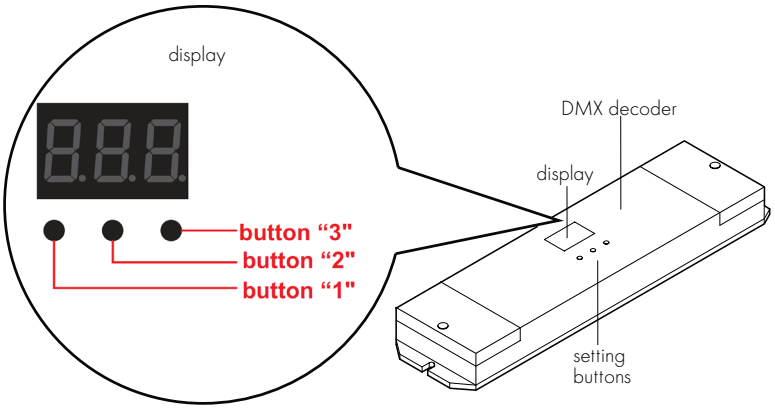
3. How to set channel number:
Hold button "2" and button "3" together at the same time until cH digital flashing, then press button "1" to choose 1/2/3/4 cH.
For example, when we set DMX decoder address to 007.
- 1 channel: all the 4 output channels will be the same address 007. 1cH is for single color dimming.
- 2 channel: output channels 1 & 3 will be the same address 007, channels 2 & 4 be the same address 008. Channel 2 is for 2 colors LED.
- 3 channel: output channels 1,2,3 will be address 007,008, 009, and channel 4 address is also 009 which is useless. 3cH is for RGB LED.
- 4 channel: output channels 1, 2, 3,4 will be address 007,008,009,010. 4cH is for RGBW LED.

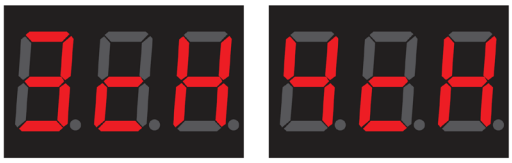
4. Choose PWM frequency:
Hold button "1" and "3" together at the same time until the display flashing **P-c**.

- **P** means output PWM frequency, press button "1" to choose 1 or 2. (1=1500Hz, 2=200Hz)

- **c** means dimming options, press button "3" to choose 1 or 2. (1= logarithmic dimming, 2=linear dimming)

The factory preset default is 4cH, 2-2. (it is 4 DMX address, PWM frequency 200Hz, linear dimming.)







*LUMINII RESERVES THE RIGHTS TO CHANGE SPECIFICATION & INSTRUCTION WITHOUT NOTICE