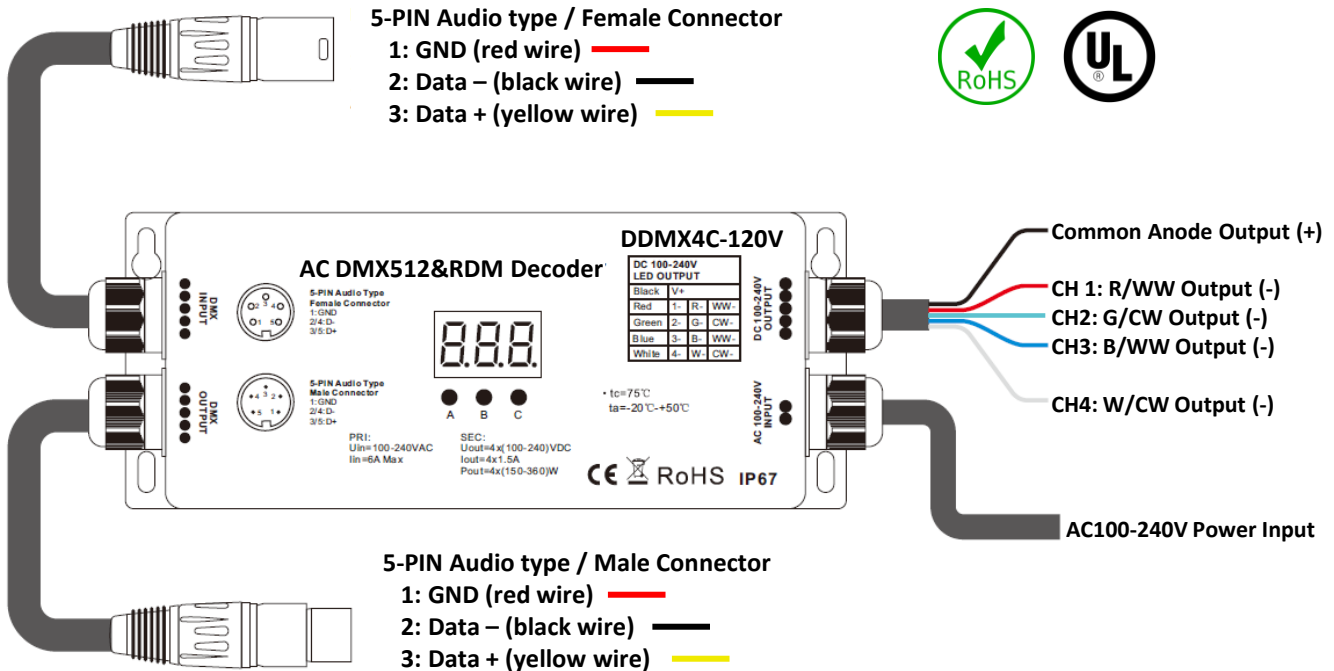


DDMX4C-120V



DMX/RDM 120V / Line Voltage LED Tape Controller (DDMX4C-120V)

Important: Read All Instructions Prior to Installation



Input Voltage	Output Voltage	Output Current	Max Load	Size (L x W x H)	Ambient Temp.
AC 100-240V	DC 100-240V	Max. 4 x 1.5A	720W @ 120V	7.11" x 2.9" x 1.5"	-4°F to +122°F

- RDM enabled DMX high voltage LED strip controller
- Output for high voltage DC100~240V LED Strip
- Standard DMX512 compliant control interface
- RDM function enabled to realize intercommunication between DMX master and decoder.
- For example, DMX decoder's address can be assigned by DMX master console
- With digital display to show data directly, easily to set and show DMX address.
- Total 4 channels LED output, common anode
- DMX address manually settable
- DMX channel quantity from 1CH~4CH settable
- Output PWM frequency from 500HZ ~ 35K HZ settable, but do not set it higher than 3KHz.
- Output dimming curve gamma value from 0.1 ~ 9.9 settable
- Waterproof grade:IP67







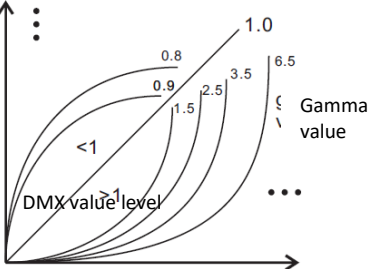
Safety & Warnings

- DO NOT install with power applied to device.
- This device is IP67 rated and protected against damp environment.

DMX/RDM 120V / Line Voltage LED Tape Decoder (DDMX4C-120V)

Important: Read All Instructions Prior to Installation

Operation

	<p>To set desired DMX512 address through buttons</p> <ul style="list-style-type: none"> ▪ button A is to set “hundreds” position, ▪ button B is to set “tens” position, ▪ button C is to set “unit” position.
	<p>Set DMX address (Factory default DMX address is 001) Press and hold down any of the 3 buttons for over 3 seconds, digital display flashes to enter into address setting, then keep short pressing button A to set “hundreds” position, button B to set “tens” position, button C to set “units” position, then press and hold down any button for >3 seconds to confirm the setting. DMX signal indicator ● : When DMX signal input is detected, the indicator on the display following after the digit of “hundreds” position of DMX address turns on red </p>
	<p>Choose DMX Channel Press and hold down both buttons B+C simultaneously for over 3 seconds, CH digital display flashes, then keep short pressing button A to choose 1/2/3/4, which means total 1/2/3/4 channels. Press and hold down button A for >3 seconds to confirm the setting. Factory default is 4 DMX channels.</p> <p>For example, the DMX address is already set as 001.</p> <ul style="list-style-type: none"> ▪ 1CH=1 DMX address for all the output channels, which all will be address 001. ▪ 2CH=2 DMX addresses , output 1&3 will be address 001, output 2&4 will be address 002 ▪ 3CH=3 DMX addresses, output 1, 2 will be address 001, 002 respectively, output 3&4 will be address 003 ▪ 4CH=4 DMX addresses, output 1, 2, 3, 4 will be address 001, 002, 003, 004 respectively
	<p>Choose PWM frequency (Factory default PWM frequency is PF1 1KHz) Press and hold down both buttons A+B simultaneously for over 3 seconds, digital display will show PF1, PF means output PWM frequency, the digit 1 will flash, which means frequency, then keep short pressing button C to select a frequency from 0-9 and A-J, which stand for following frequencies: 0=500Hz, 1=1KHz, 2=2KHz, ..., 9=9KHz, A=10KHz, B=12KHz, C=14KHz, D=16KHz, E=18KHz, F=20KHz, H=25KHz, J=35KHz. Then press and hold down button C for >3 seconds to confirm the setting. Note: DO NOT set the PWM frequency higher than 3KHz to avoid overheat and damage to the device.</p>
 <p>Output brightness level</p> 	<p>Choose Dimming Curve Gamma Value (Factory default dimming curve value is g1.0) Press and hold down all buttons A+B+C simultaneously for over 3 seconds, digital display flashes g1.0, 1.0 means the dimming curve gamma value, the value is selectable from 0.1-9.9, then keep short pressing button B and button C to select corresponding digits, then press and hold down both buttons B+C for >3 seconds to confirm the setting.</p>

Madrid – 120V Decoder Wiring Diagram **BEULUX**

Wiring Diagram

Restore to Factory Default Setting

Press and hold down both buttons A+C for over 3 seconds until the digital display turns off and then turns on again, all settings will be restored to factory default.

Default settings are as follows:

- DMX Address: 001
- DMX Address Quantity: 4CH
- PWM Frequency: PF1
- Gamma: g1.0

The supported RDM PIDs are as follows:

- Disc_Unique_Branch
- Disc_Mute
- Disc_Un_Mute
- Device_Info
- DMX_Start_Address
- Identify_Device
- Software_Version_Label
- DMX_Personality
- DMX_Personality_Description
- Slot_Info
- Slot_Description
- Manufacturer_Label
- Supported_Parameters

