

Date:	
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Everylite Datasheet Ver 1.0

# C-SPI-D2S LED Controller 2CH



## Features

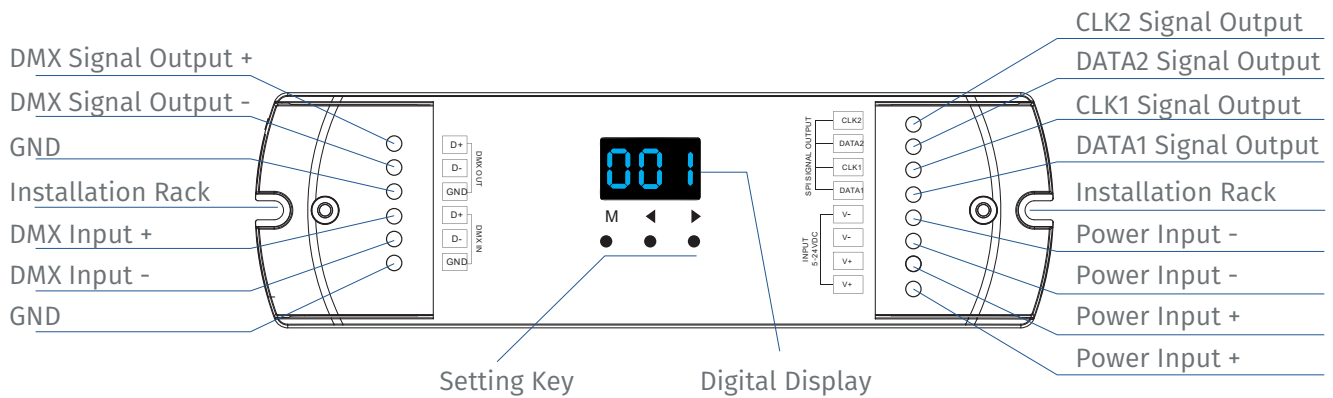
- DMX512 signal decoder to SPI(TTL) digital signal.
- Supports dimming and changing effects from DMX controller.
- DMX mode and Stand-alone mode with 32 changing modes.
- Display screen indicates DMX address.
- Ability to set DMX address to modules



## Technical Parameters

Input Voltage	Power Consumption	Input Signal	Output Signal	Dimensions (L x W x H)
5 - 24 VDC	1 W	DMX512 + RF 2.4GHz	SPI (TTL) x2	(6.69" x 1.97" x 0.91") in
Control Dots	IP Rating	Certification	Dynamic Mode	Working Temperature
170 pixels (510 CH) max. 1024 pixels	IP20	CE, EMC, LVD	32	(-22 ~ +131) °F

## Interface Specification



## Display

Long press **M** to enter DMX setting Interface.  
 Short press **M** to set DMX Address;  
 Press **<** or **>** to setup value of each it;  
 Long Press **M** to quit setting;

DMX Address



Chip type choices



RGB sequence



Pixel length



Disable automatic blank screen



Short press **M** to enter Stand-alone mode;  
 Press **<** or **>** to change dynamic mode number (P01-P32);  
 Long press **M** to setup mode speed and brightness.  
 Press **<** or **>** to setup value of each it;  
 Long Press **M** to quit setting;

Stand-alone mode



Brightness  
(1-10(F) Levels)

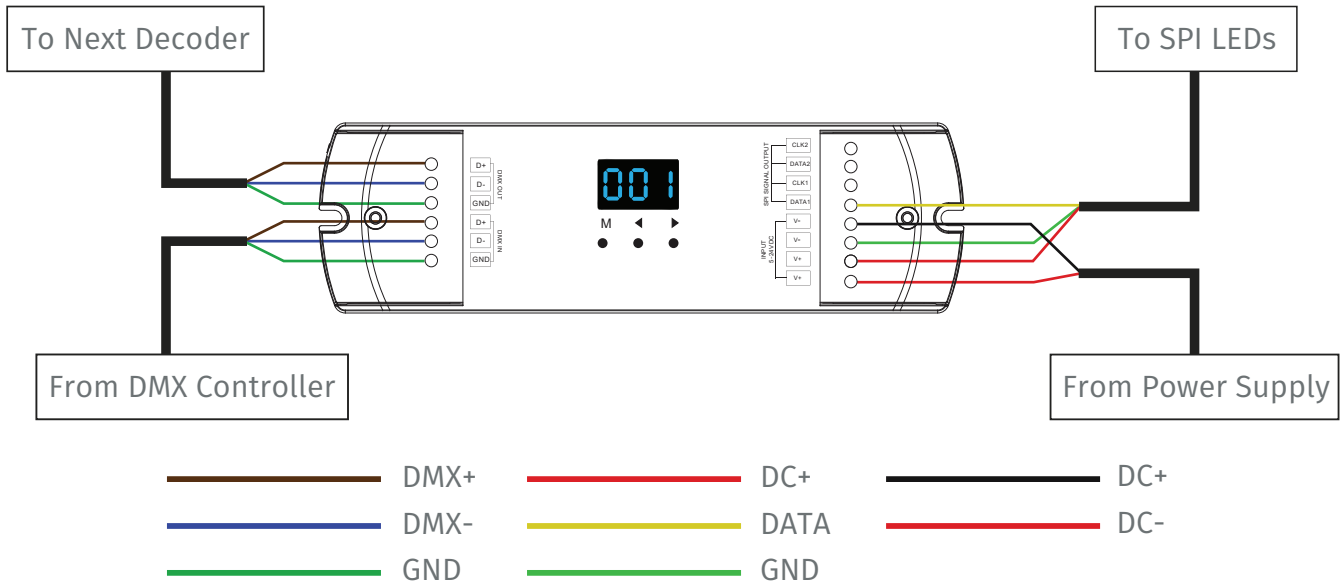


Speed  
(1-10(F) Levels)



**Note:** Enter Stand-alone mode only when the DMX signal is disconnected or lost.

## Wiring Diagram



## Changing Modes

No.	Effect	No.	Effect	No.	Effect	No.	Effect
P01	Red Jumping, White background	P05	Cyan Jumping, Blue background	P09	7 Color multi-jumping, Close + Open	P13	Green/Cyan chase
P02	Green Jumping, White background	P06	Purple Jumping, Blue background	P10	7 Color Scan, Close + Open	P14	RGB chase
P03	Blue Jumping, White background	P07	7 Color multi-jumping	P11	7 Color multi-scan, Close + Open	P15	7 Color chase
P04	Yellow Jumping, Blue background	P08	7 Color jumping, Close + Open	P12	Blue/White chase	P16	Blue meteor

No.	Effect	No.	Effect	No.	Effect	No.	Effect
P17	Purple meteor	P21	Green float	P25	Red/Yellow float	P29	6 Color float
P18	White meteor	P22	Blue float	P26	Green/Cyan float	P30	6 Color smooth sectionally
P19	7 Color meteor	P23	Purple float	P27	Blue/Purple float	P31	6 Color jump sectionally
P20	Red float	P24	RGBW float	P28	Blue/White float	P32	6 Color strobe sectionally



## Safety Information

1. The product shall be installed and serviced by a qualified person.
2. This product is a non-waterproof; indoor rated device. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller, please ensure adequate ventilation.
4. Please check if the output voltage of any power supplies used comply with the working voltage of the products.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damages to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

## Dimensions

