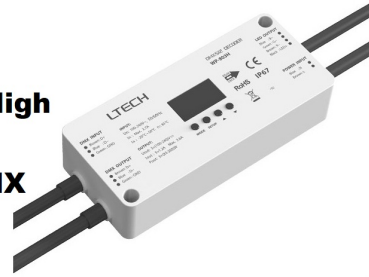



SUPERLIGHTINGLED

**SR-2102HT High  
Voltage RGB  
LED Strip DMX  
Controller**



# SUPERLIGHTINGLED SR-2102HT High Voltage RGB LED Strip DMX Controller Instructions

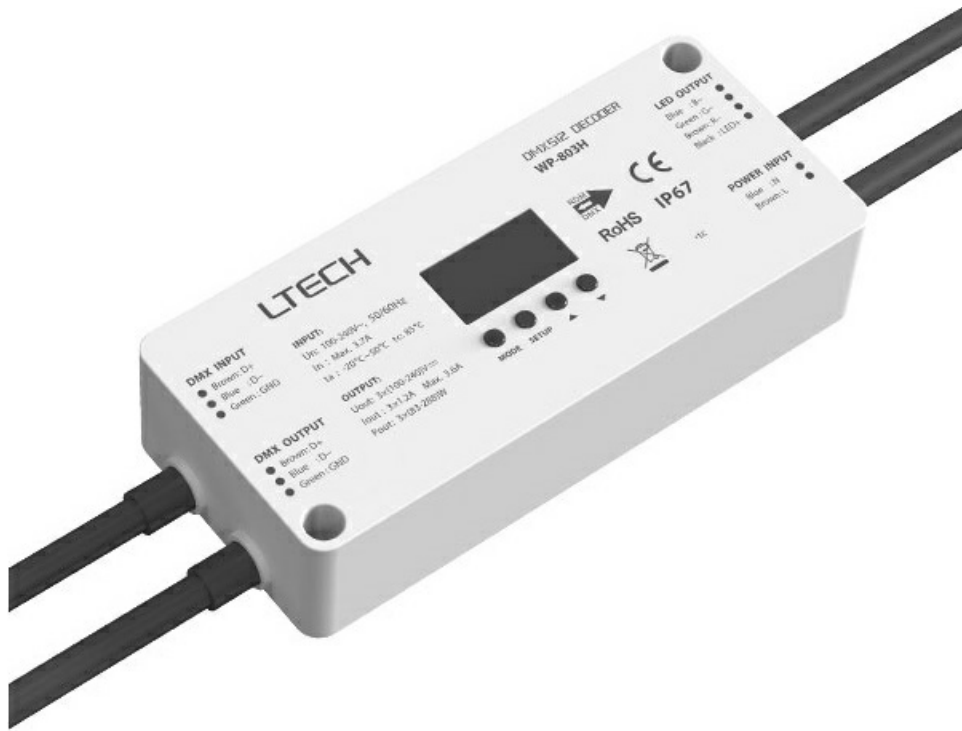
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**SUPERLIGHTINGLED**

**SUPERLIGHTINGLED SR-2102HT High Voltage RGB LED Strip DMX Controller**



## Product Information

## Product Specifications

- **Product Name:** High Volt DC100~240V LED Strip DMX Controller
- **Model Number:** 09.212HS.04264
- **Input Voltage:** AC 100-240V
- **Output Voltage:** DC 100-240V
- **Output Current:** Max 3×1.66A
- **Max Load:** 500W @110V, 1000W @240V
- **Size (LxWxH):** 170x59x29mm

## Product Usage Instructions

### Mode Selection

To choose the mode:

1. Hold buttons 1 & 2 together until the digital display flashes.
2. Click button 3 to select between DMX Master mode or DMX Decoder mode.
3. After selecting the mode, hold any one button to confirm the setting.

### Setting DMX Decoder Address

If in DMX Decoder mode:

1. Hold any one of the buttons until the display flashes.
2. Use the buttons to set the DMX address.
3. Hold any one button to confirm the setting.

### Setting DMX Channels

If in DMX Decoder mode:

1. Hold buttons 2 & 3 together until the display flashes.
2. Click button 1 to choose between occupying 1 or 3 DMX channels.
3. Hold any one button to confirm the setting.

### Master Mode Instructions

1. All connected DMX decoders should be set to address 001.
2. Once in DMX Master mode, adjust programs, brightness, and speed using the buttons.
3. To adjust programs, brightness, and speed, follow the instructions provided in the manual.

### Frequently Asked Questions (FAQ)

- **Q: What is the default setting of the controller?**

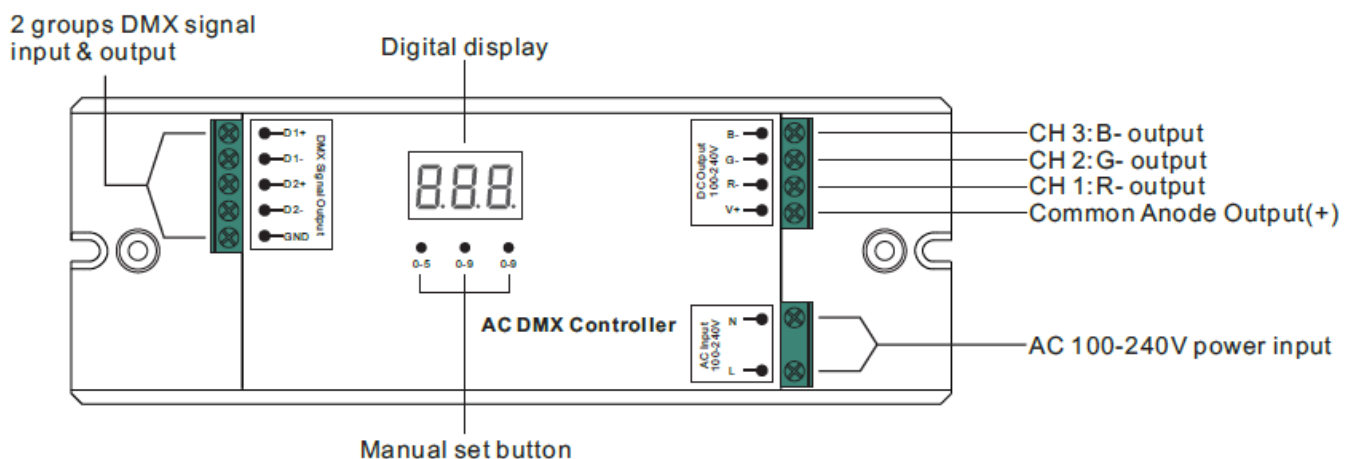
A: The default setting is DMX Decoder mode ru2 with 3 channels occupied.

- **Q: How do I wire the controller in DMX Master mode?**

A: Refer to the wiring diagram provided in the manual for proper wiring instructions when using DMX Master mode.

**Important:** Read All Instructions Prior to Installation

### Function introduction



### Product Data

Input Voltage	Output Voltage	Output Current	Max Load	Size(LxWxH)
AC 100-240V	DC 100-240V	Max 3×1.66A	500W@110V 1000W@240V	170x59x29mm

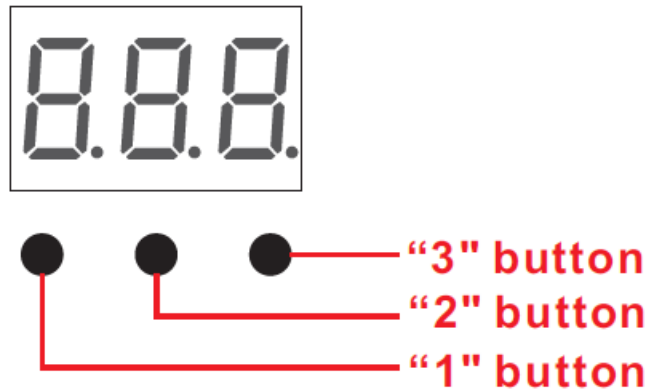
- Safe and reliable full isolation design
- Output for high voltage DC100~240V LED Strip (RGB or Mono)

- With both Master / Decoder functions switchable.
- Waterproof IP grade IP20
- High-temperature-resistant address digital display.

## Safety & Warnings

- DO NOT install with power applied to the device.
- DO NOT expose the device to moisture.

## Operation



### • A. Choose mode

- Hold buttons 1 & 2 together until the **ru** digital display flashes, click button 3 to choose 1 or 2.
- **ru1** is DMX Master mode, **ru2** is DMX Decoder mode.
- After choosing ru1 or ru2, then hold any one button to confirm the setting.



### • B. Set DMX Decoder Address

If the controller at DMX Decoder mode **ru2**, you need to set the DMX address by holding any one of the buttons until the display flashes, then click the buttons to set the address, then hold any one button to confirm the setting.

### • C. Set DMX Channels

- After setting the controller at DMX Decoder mode **ru2**, you can set the DMX channels by holding buttons 2 & 3 together until the display flashes, then click button 1 to choose 1 or 3, then hold any one button to confirm the setting.
- means the decoder occupies 3 dmx addresses, **3CH** usually for RGB LED strips.

- means the decoder occupies 1 dmx address, **1cH** usually for the mono LED strip.

**Note:** the factory default setting is DMX Decoder mode ru2, 3cH

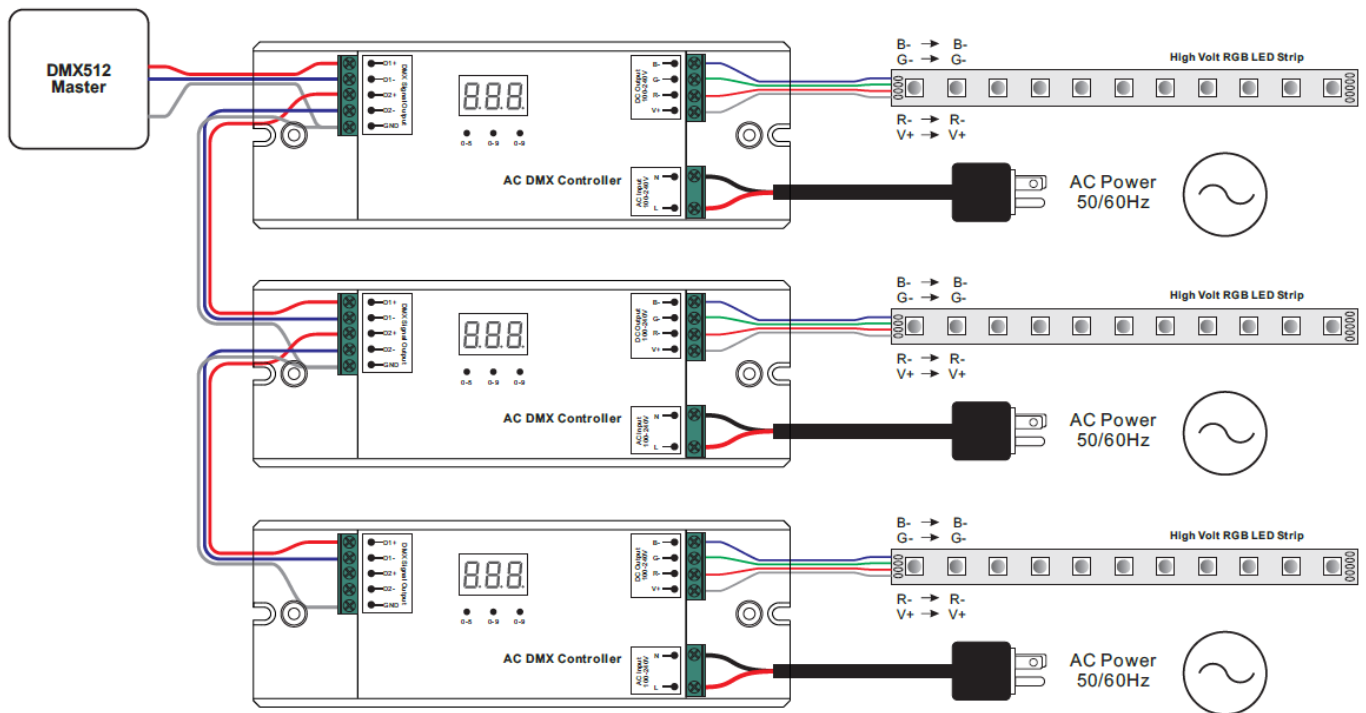
## Instruction for Master mode

### Instruction for Master mode **ru1**

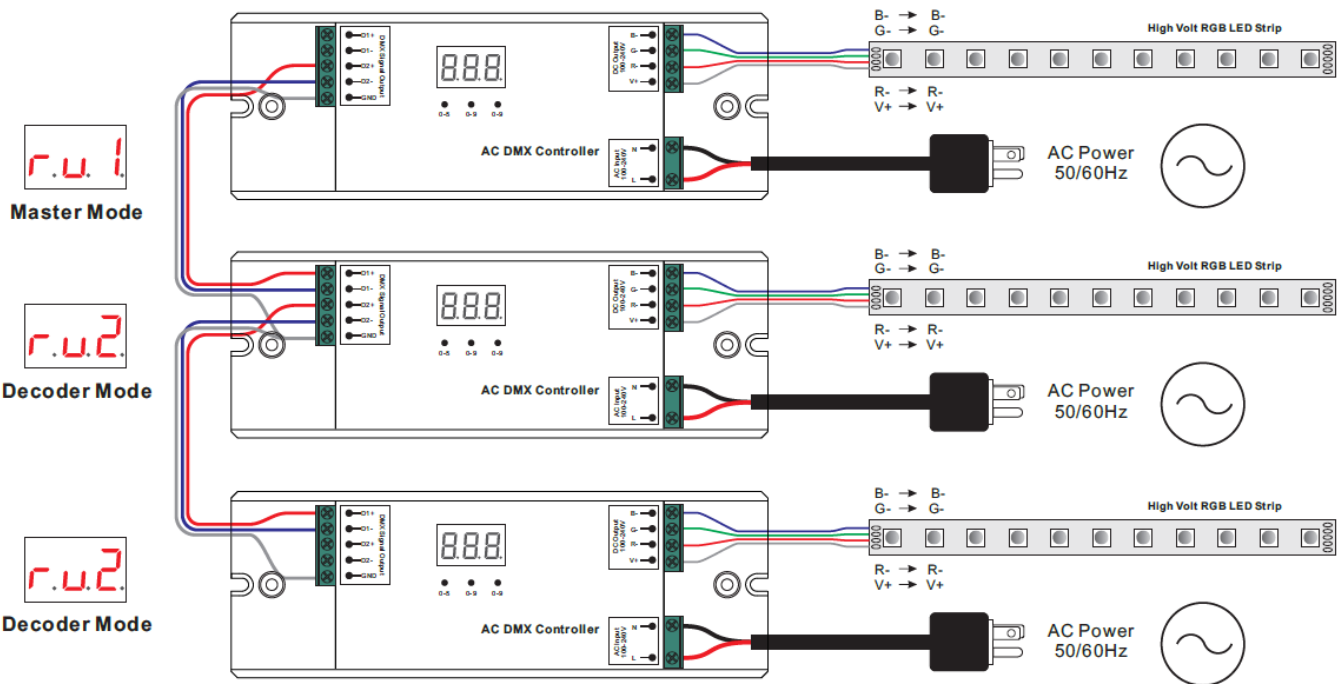
1. All the connected DMX decoders should be addressed 001 only.
2. After setting the controller to DMX Master mode, you can adjust its programs, brightness, and speed.
3. Keep on clicking button 1 you can get P, 5, 6, and CP means program, keep on clicking button 3, to play 10 running programs.
  - 5 means speed, keep on clicking button 3, to adjust the speed of running programs.
  - 6 From 5-1 to 5-1, speed turns slower and slower 6 means brightness, keep on clicking button 3, to get 8 levels of brightness.
  - From 6-1 to +8, brightness turns more and more c means color, keep on clicking button 3, to get a total 9 static colors.

## Wiring Diagram

### Wiring as DMX Decoder Mode **ru2**



### Wiring as DMX Master Mode **ru1**



## Documents / Resources

	<p><a href="#">SUPERLIGHTLED SR-2102HT High Voltage RGB LED Strip DMX Controller</a> [pdf]</p> <p>Instructions  SR-2102HT, SR-2102HT High Voltage RGB LED Strip DMX Controller, High Voltage RGB LED Strip DMX Controller, RGB LED Strip DMX Controller, LED Strip DMX Controller, Strip DMX Controller, DMX Controller, Controller</p>
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## References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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