

Waterproof Easy DMX512 Decoder

SR-2102B(WP) Series



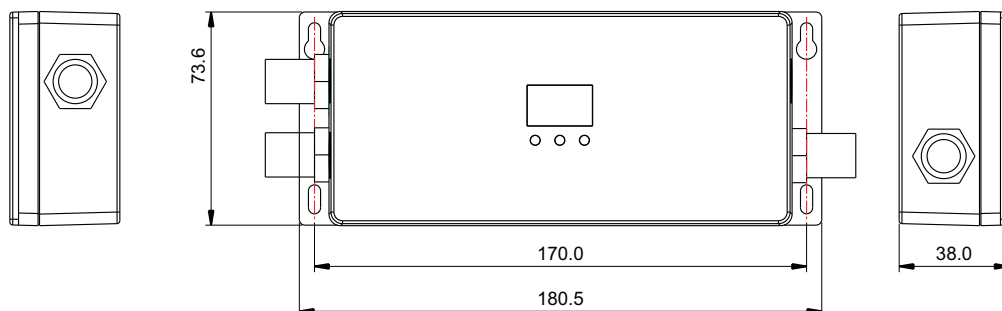
Feature

- Standard DMX512 compliant control interface, enable to set the DMX address freely. And show address Via digital numeric display.
- Three-channel/ four-channel output selectable.
- Two types available(Constant Voltage, Constant Current),suitable for different LED lamps.
- To work with power repeater to expand output power unlimitedly.
- Compatible with SR-2811DMX,SR-2201DMX,SR-2812,SR-2816 and any good quality DMX Master
- IP67, Do Not touch with sharp stuff

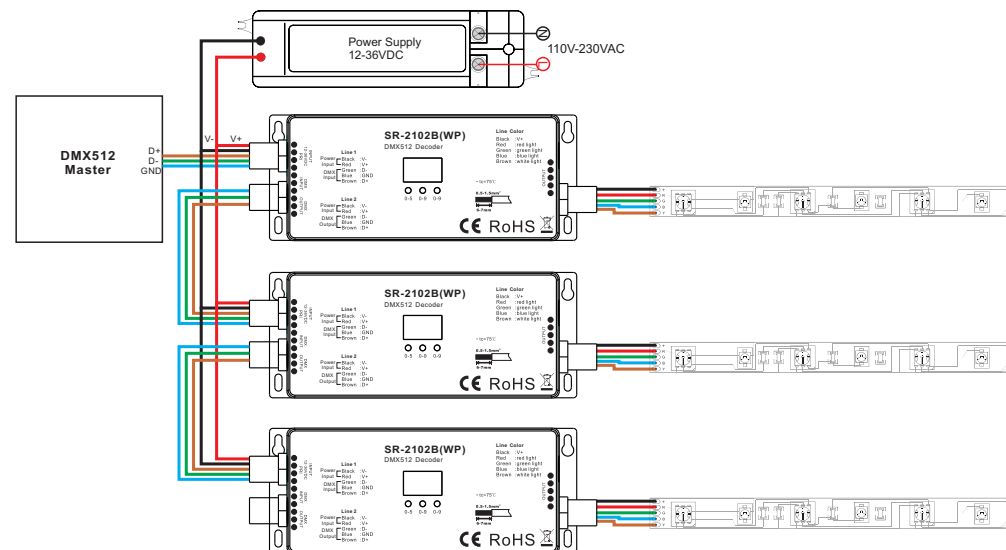
Parameter

Part No.	Input Voltage	Output Current	Output Power	Remarks
SR-2102B(WP)	12-36VDC	4x5A	4x(60-180)W	constant voltage
SR-2112B(WP)	12-36VDC	4x0.35A	4x(4.2-12.6)W	constant current
SR-2114B(WP)	12-36VDC	4x0.7A	4x(8.4-25.2)W	constant current

Product Size



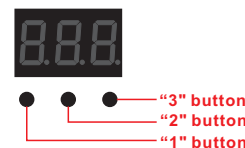
Wiring diagram



Using instruction

Operation

Through buttons to set desired DMX512 address, 1 key is to set "hundreds" position, 2 is to set "ten" position, 3 is to set "a" bit.



To open the connection of DMX512 controller, then it can work correctly.



Choose Channel

Press 2nd button and 3rd button at the same time for 2 seconds, ch digital display flashes, then press 1st button to choose 1/2/3/4, 3 means total 3 channels, 4 means total 4 channels. Press any button for >2 seconds to confirm the 1,2,3 or 4 channels. The factory preset default is 4 channels outputs.

Set DMX address

Press 1st button for 2 seconds, digital display flashes to set the required DMX address, then press any button for >2 seconds to confirm.



Choose PWM frequency

Press 1st button and 3rd button for 2 seconds, digital display flashes to show P-c. P means PWM frequency, press 1st to show "1", means 1500Hz, "2" means 200Hz. c means dimming options, press 3rd to show "1", means logarithmic dimming, "2" means linear dimming.

The factory preset default is PWM frequency 200Hz with linear dimming. 2-2

Safety & Warnings

- 1) The product shall be installed and serviced by a qualified person.
- 2) IP20. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- 3) Always be sure to mount this unit in an area with proper ventilation to avoid overheating.
- 4) Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
- 5) Never connect any cables while power is on and always assure correct connections to avoid short circuits before switching on.
- 6) Please ensure that the cable is secured tightly in the connector
- 7) For update information please consult your supplier.

Warranty Agreement

- 1) We provide lifelong technical assistance with this product:

- 5-year warranty. We print date on every products, for example :1125 means year 2011, week 25. The warranty is for free repair or replacement and covers manufacturing faults only.

- For faults beyond the 3-year warranty we reserve the right to charge for time and parts.

- 2) Limited Warrenty

- Any defects caused by wrong operation.
- Any damages caused by unauthorized removal, maintenance, modifying, incorrect connection and replacement of chips.
- Any damages due to transportation, vibration etc. after purchase.
- Any damages caused by earthquake, fire, lightning, pollution and abnormal voltage.
- Any damages caused by negligence, inappropriate storing at high temperatures and humidity or near harmful chemicals.
- Product has been updated

- 3) Repair or replacement as provided under this warranty is the exclusive remedy to the customer.