COLORONIX®
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WIFI COMPATIBLE CONTSTANT VOLTAGE DMX512 DECODER

24VDC   DMX Direct   RGBW

1.BRIEF INTRODUCTION

SDE24V24RGBW-400-16BIT decoder is highly reliable, cost-effective decoder. There are two categories of constant voltage output and constant current output. It is addressable and easy to address, just press the keys under the indicator board. There are up to 4-channel output of one decoder which can be used as RGB (X) decoder, also can use 3 of 4 output channels as the RGB decoder.

2.PERFORMANCE PARAMETER

2.1 SDE24V24RGBW-400-16BIT DMX512 Decoder

• Input voltage :12-36V
• Load current: 3 / 4 × 8A
• Maximum load power: 3 / 4 × (96-288)W
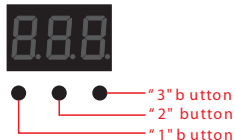• Operating temperature: -20 - +50°C
• Load Type :0.04-0 .1 W LED type

3.PERFORMANCE PARAMETER

1. RJ 45 port, could be connected to WIFI & bluetooth signal , could be RF Remote controlled or IOS/Android programmed by WIFI. (thou a dmx master SR-2817dmx or SR-2816)

2.Addressable. Address can be freely set through the digital display which is very intuitive and easy to use.

3.three-channel / four-channel output is selectable, per channel maximum ouput can be 8A

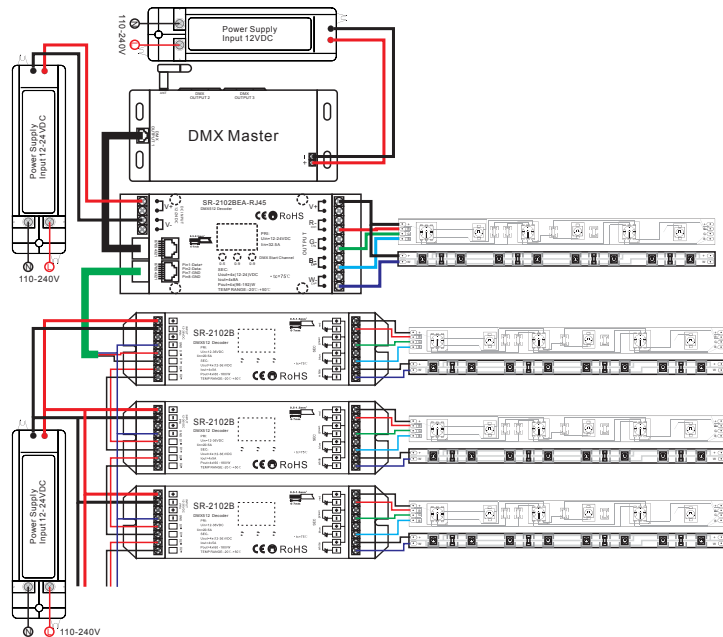4.work with the power expander can be infinitely amplified output power.

4.USING INTRODUCTION

1. connection of DMX512 decoder, please view it as on the right side:

2. Seting desired DMX512 address by keys. "1"button set "hundred's place" , "2"button set "ten's place" , "3" set "unit's place." Address can not be more than 512

"3" button
"2" button
"1" button

It will work properly when open the power supply of the DMX512

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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.

NOTE:

For example, when we set address to 001

When select 1cH, all four channels will be the same address 001.

When select 2cH, channel one and channel three will be the same address 001, channel two and channel
four will be 002.

When select 3cH, channel 1,2,3 will be address 001,002,003, and channel 4 address is also 001

When select 4cH, channel 1, 2, 3,4 will be address 001, 002,003,004.

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

5.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) For update information please consult your supplier.

7) Please ensure that the cable is secured tightly in the connector

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6.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.