

Manual for SMART LED Driver DC12V/24V

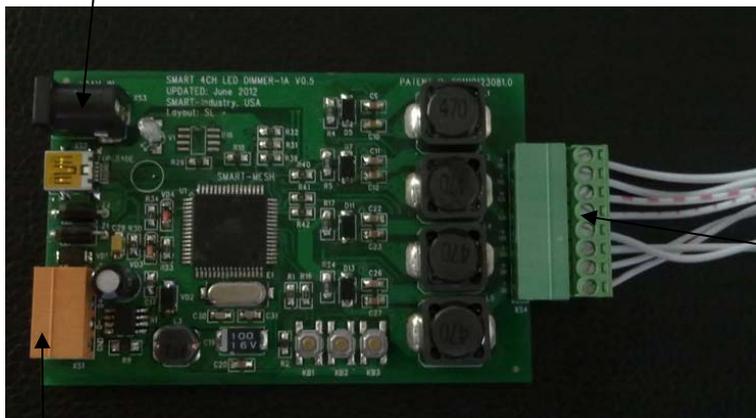
Version: V1.3

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SMART GROUP

1. Connection for SMART LED Driver

A. Power Supply DC12/24V



B.S-BUS connection (DC24+, D+, D-, GND)

LED Strip



C. RGBW 4CHs LED strip

Voltage of LED Strip required:

it depends on the power supply that you are using.

This LED driver can support DC 12V or DC24V power supply both.

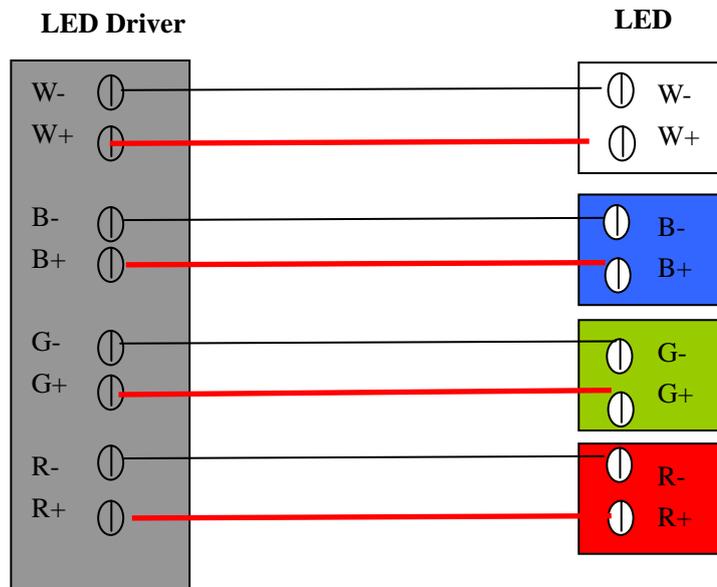
If power supply for LED Driver you are using is DC12V, here you should connect DC12 LED strip,

If power supply for LED driver you are using is DC24V, here you should connect DC 24V LED strip.

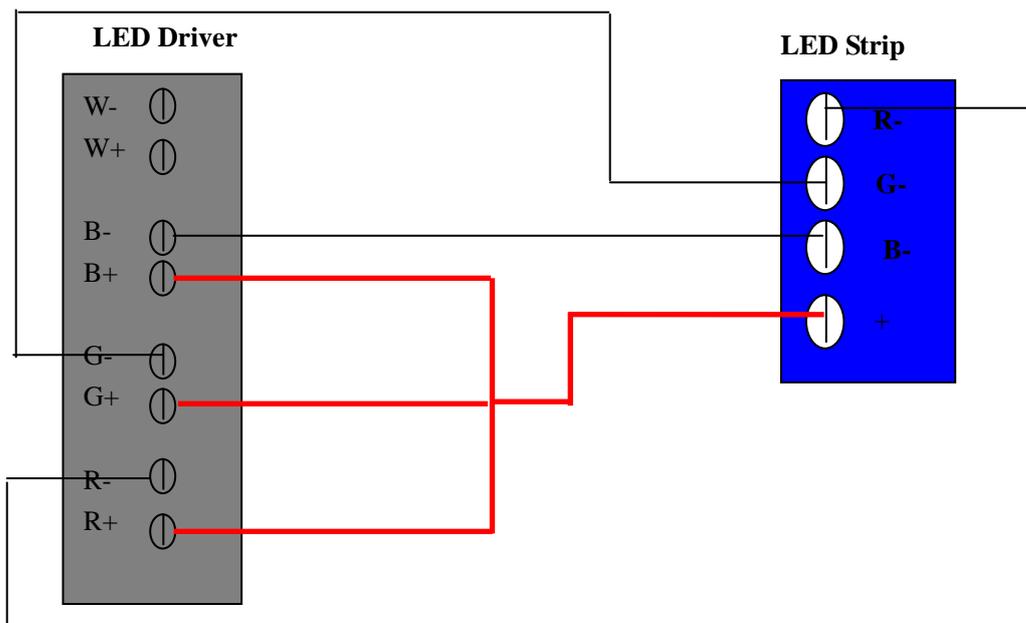
**Don't connect the LED strip with wrong voltage,
Otherwise the LED strip might be burnt.**

MAX Current of each LED Strip: 350mA (it can not more than 350mA)
Max LED Strips: 4 PCS

1.1 Connection for single CH LED



1.2 Connection for common anode RGB LED Strip



2. Software Programming

Smart Cloud configuration software is available from the link below:

http://www.4shared.com/folder/vDYQVvVx/Smart_Cloud_Software.html

2.1 Address

if you would like to know the address of LED driver, you can use Smart Cloud software.

Go to **Address Management** on smart Cloud software, then press button **scan**.

Smart Cloud Configuration Software V14.00 (C) SmartHome-Group (R) www.SmartHomeBus.com

Configure (C) Address(A) Pairing(P) Devices (D) Test(T) Language(L) Backup(B) Developers(F9) Users(L) Other(O) Hotel Help (H)

Manage device addressing

Search online devices by subnet ID: 255

Setup: Save search result

NO.	Subnet ID	Device ID	Model	Description	MAC
1	1	150	SB-ZAudio2-DN	Zone-Audio 2	53.00.00.00.00.00.B2
2	1	30	SB-3SBXS-VWL		53.0F.00.00.00.00.3D
3	1	33	SB-ZMX23-DN		53.0F.00.00.00.00.30
4	1	250			A0.86.32.33.61.62.63.00
5	1	103	SB-IR-LIN	IR Emitter with Current Sensor	53.00.00.00.00.00.D6
6	1	32	SB-3SCARD-VWL		B4.B5.B7.B9.BA.BC.BD.BF
7	1	7	SB-Logic2-DN	Automation Logic Module 2	53.04.00.00.00.00.03.19
8	1	10	SB-SEC250K-DN	Security/Safety Monitoring Module	53.02.00.00.00.00.02.A3
9	1	31	SB-BEDSD-LIN		47.48.4A.4C.4D.4F.50.52
10	1	28	SB-HAUX-VWL		53.0E.00.00.00.00.01.C
11	1	14	SB-DDP	DDP	53.01.00.00.00.00.00.FE

Total device: 11

Modify address... Exit

Active Link Via: Ethernet Current IP: 192.168.1.198 Total Devices: 21 Best Viewed at 1024x768 Resolution

2.2 Console: DDP, 6B

2.3 Command Type: Single Channel Control

2.4 Channel #

CH# of red: 49

CH# of Green: 50

CH# of Blue: 51

CH# of White: 52

2.5 Brightness: 0 - 100

Here is the picture for DDP Settings Page:

Current button **4** Mode **Single on/off**

Input function no. from To

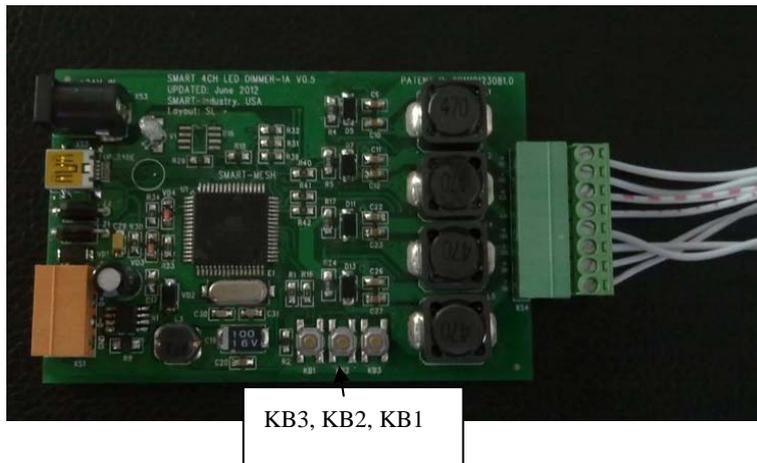
Button information

Button no.	Remark	Mode
1	Red led channel	Single on/off
2	Green led channel	Single on/off
3	Blue led channel	Single on/off
4	White led channel	Single on/off

Function configuration of current button

Function no.	Subnet ID	Device ID	Type	Parameter 1	Parameter 2	Parameter 3
1	1	25	Single channel lighting control	52(Channel no.)	100(Intensity %)	0.0(Run)

3. 3 buttons on PCB



- KB1(Broadcast button):** broadcast button, it is for detecting the address of LED driver
- KB2(Speed of sequence):** speed of default sequences for LED
- KB3(sequence):** default sequences