



ASSEMBLY MANUAL

RGB LED Lights option for Studio Desk

Video Assembly Manual



Thank you for making StudioDesk the brand of your choice!

Before beginning assembly of this LEDset, let's get familiar with the parts you have received in your package. Please match the corresponding numbers on this page with the pictures.

Wooden parts

1. RGB Led Strips (depends on the desk)
2. Cable divider (depends on the desk)
3. Controller
4. Remote controller
5. Power adapter
6. Electric plug EU or US
7. Cable self adhesive clamp 10 pcs



LED Strips and Cable clamp's are self adhesive so you can stick it to the clean surface as per your need and desire.

Some models are LED Light ready. Aluminum channels are added into the desk surface. If so, stick the led strips inside of the channels.

Typical LEDlight setup



Before doing any connections, remove film from the stripe and stick it to the clean surface as per your wish. Use Cable clamp to keep cables organized.

Connection

1 Step One

Connect the cable divider (2) to the controller (3) by unscrewing the screw on the back, inserting the colored cables into the controller like shown in the picture and screwing it back. Don't screw it too tight so you don't break the cable.

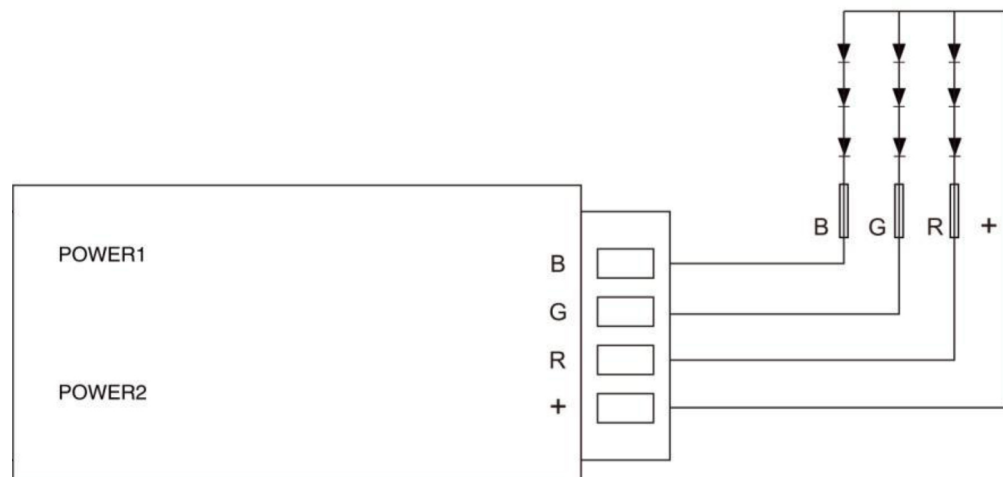
The order in which the colors should go is written on the back of the controller.

B - Blue

G - Green

R - Red

V+ - Black



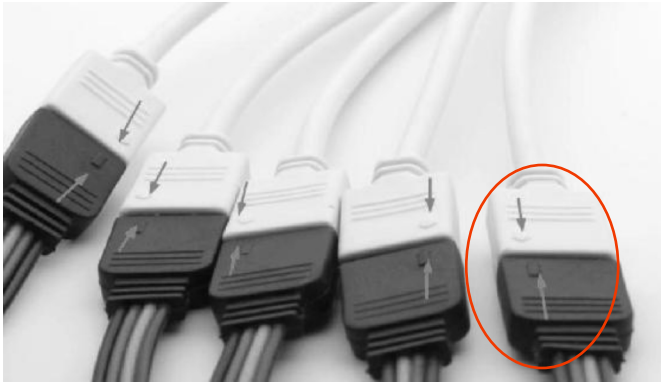
NOTE:

Do NOT connect the cables if the controller is connected to power

2

Step Two

Connect Led strips (1) cables to Cable divider (2)



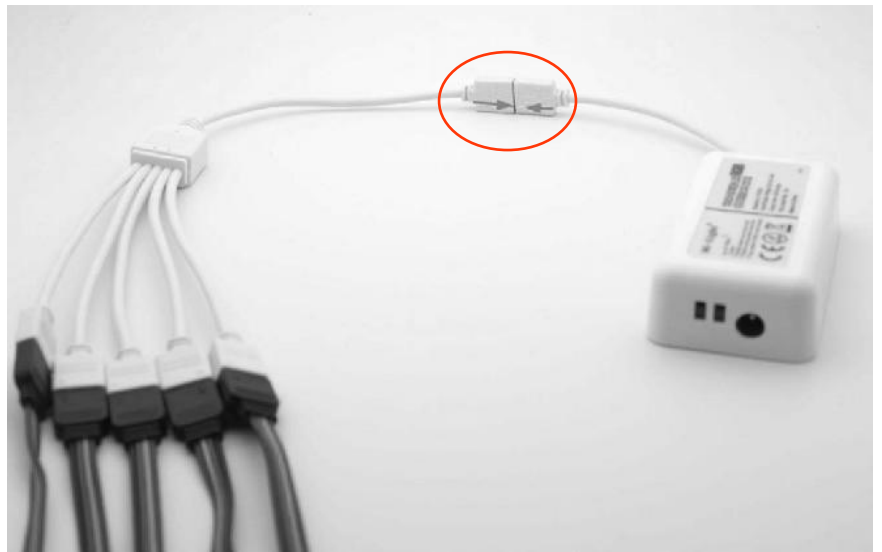
NOTE!

Make sure that arrows on connectors point to each other as shown on the Pic (left).

3

Step Three

Connect cable divider (2) to the Controller (3).
Make sure that arrows on the connectors point to each other.



4

Step Four

Connect controller (3) to the power adapter (5).

5

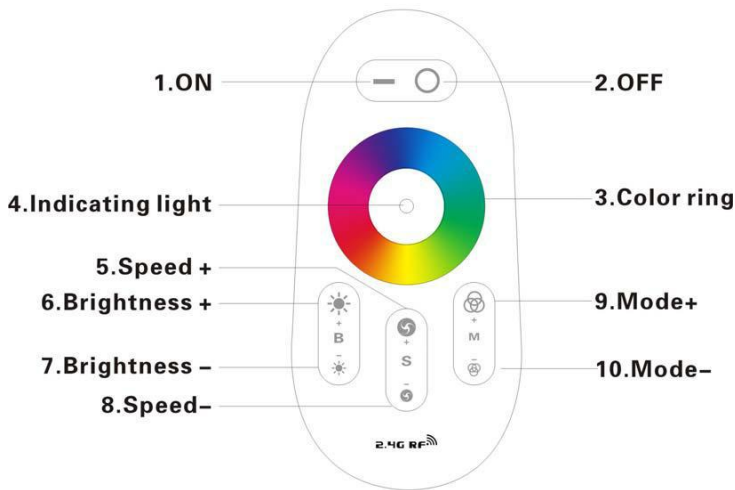
Step Five

Connect power plug to the power adapter. Appropriate plug is supplied (US/EU). Connect the plug to the electricity. Insert batteries to the remote (not included).



6

Step Six



To connect the remote (4) to the controller (3), plug the controller to the power while holding the remote "ON" button (1.) and "Mode-" button (10) for 5-10 seconds. After that the lights should start flashing which indicates that they are connected.

NOTE:

Make sure the remote has batteries.

Technical specs

Remote	Size	110×52×20mm
	Power	AAA×2
	Material	ABS
	Fabrication processing	Multi-color printing & UV varnish
controller	Size	85×45×23mm
	Working voltage	12V~24V
	Control way	R G B three channels
	Max load per channel	6A
	Output Connection	Common anode
	Remote range	20--30 meters
	Modes	20 kinds

Troubleshoot

Remote Not Working:

1. If your remote (4) stopped working or didn't work in the first place, make sure that the batteries you put inside are full. You will know the batteries are ok if the middle light flashes upon touch,
2. Make sure you pair the remote (4) to the controller (3) (step 6),
3. Make sure the controller (3) is connected to power.

LED Lights Not Working

1. Make sure the cable divider (2) is properly connected to the LED strips (1) (Follow step 2 & 3),
2. Make sure the cables from the cable divider (2) are connected to the controller (3) correctly (Follow step 1),
3. Make sure your controller (3) is connected to power.

One Of The Colors Not Working

1. Make sure all your cables from the cable divider (BGRV+) (2) are connected to the controller (3) in proper order. (Follow step 1)

LED Light modes

	Mode	Brightness state	Speed state
1	Static white color	Adjustable	Un-adjustable
2	White color gradual changes	Adjustable	Adjustable
3	All colors gradual change	Adjustable	Adjustable
4	Red/green/ blue three colors gradual change	Adjustable	Adjustable
5	Seven colors jump to change	Adjustable	Adjustable
6	Three colors jump to change	Adjustable	Adjustable
7	Red/ green jumps to change	Adjustable	Adjustable
8	Red/blue jumps to change	Adjustable	Adjustable
9	Blue/green jumps to change	Adjustable	Adjustable
10	White color frequently blinks	Adjustable	Adjustable
11	White color glitters	Adjustable	Adjustable
12	Red color frequently blinks	Adjustable	Adjustable
13	Red color glitters	Adjustable	Adjustable
14	Green color frequently blinks	Adjustable	Adjustable
15	Green color glitters	Adjustable	Adjustable
16	Blue color frequently blinks	Adjustable	Adjustable
17	Blue color glitters	Adjustable	Adjustable
18	Yellow color frequently blinks	Adjustable	Adjustable
19	Yellow color glitters	Adjustable	Adjustable
20	Circulation mode		