

Manual LED RGB/RGBY(W) Controller User Manual

1.Product introduction

SR-10XX Series full-color LED controllers feature high-reliability and cost-effective, mainly come in two types for constant voltage and constant current series. The controllers has maximum four-channel output functioning as RGBY(W) controller and RGB controller if only three channels output are used.

2.Performance Parameter

Part No.	Input Voltage	Max load current	Max Output Power	Load Type	Dimension
SR-1002MS	12-36VDC	3/4×5A	3/4×(60-180)W	Regular LED (0.04-0.1W)	L178*W45*H19mm
SR-1012MS	12-36VDC	3/4×0.35A	3/4×(4.2-12.6)W	High Power LED (1W)	
SR-1021MS	12-36VDC	3/4×0.7A	3/4×(8.4-25.2)W	High Power LED (3W)	

3.Features:

- 3.1 256 levels of grey scales for RGB/RGBY, full-color changing gently, smooth, subtly and softly without any flash.
- 3.2 9 dynamic modes, gradient, skipping, etc., 4 static colors(R,G,B,Y)
- 3.3 To stop at a single static color(R,G,B,Y available), speed & brightness adjustable with the function Pause.
- 3.4 Can connect with other externer controllers, such as externer switches.
- 3.5 work with power repeater to expand output unlimitedly.

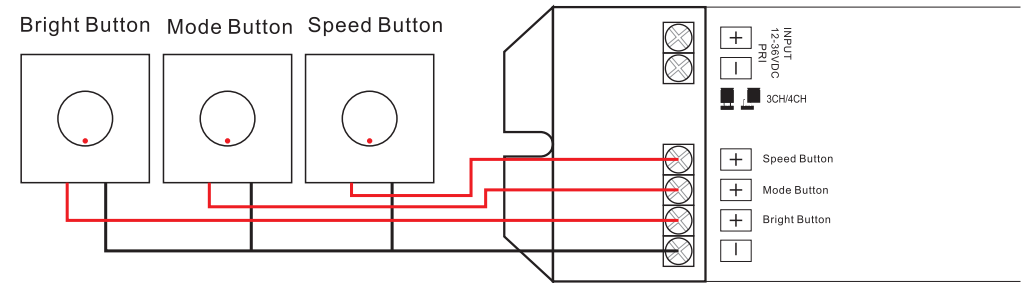
4.Directions



Three keys on main controller

NO.	Button	Function
1	Speed	To speed up/down color changing(1-8 level cycling changing)
2	Mode	Modes of color changing(9 dynamic modes,4 static modes)
3	Bright	To adjust the brightness(1-8 level cycling changing)

It is also available under the circumstance wire connecting terminal plugging in switches as follows:



6.Connection diagram

Connection diagram for connecting power repeaters

