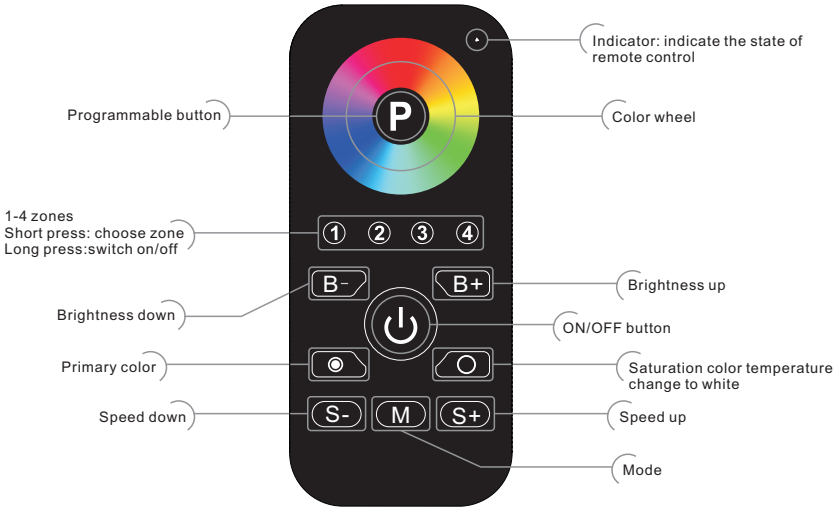
Programmable RGB Remote Led Controller

Model:SR-2810 with SR-1006 Series

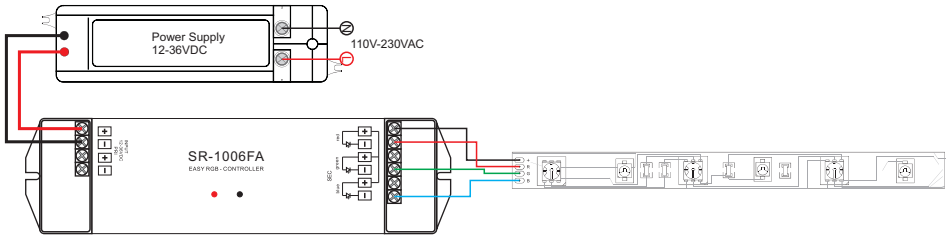
- Programmable
- Control 4 zones
- RGB Remote control

Brief introduction of buttons

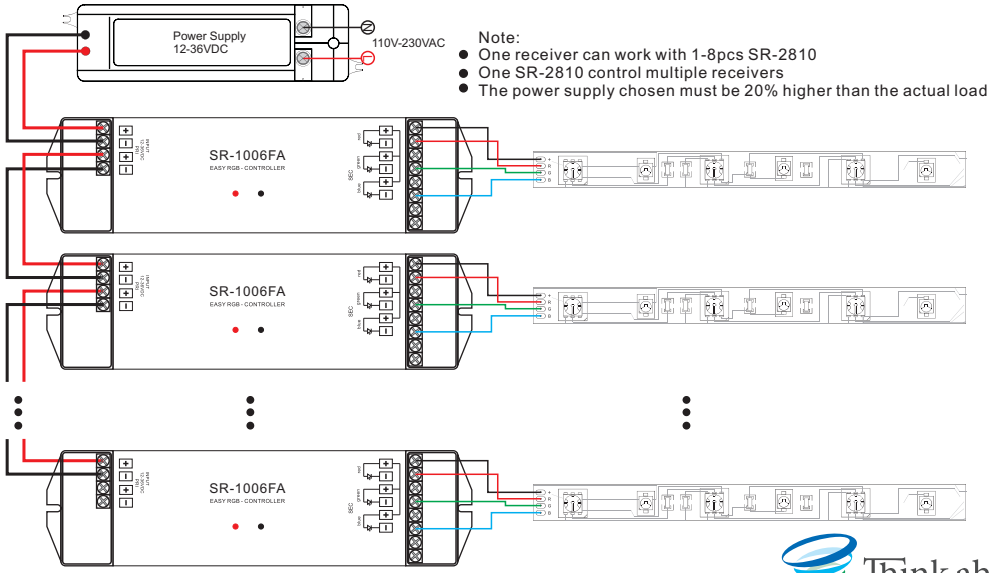


Wiring diagram

1)Receiver Connection Diagram for Single Unit



2)Receiver Connection Diagram for Multiple Units



Note:
- One receiver can work with 1-8pcs SR-2810
- One SR-2810 control multiple receivers
- The power supply chosen must be 20% higher than the actual load

Parameter

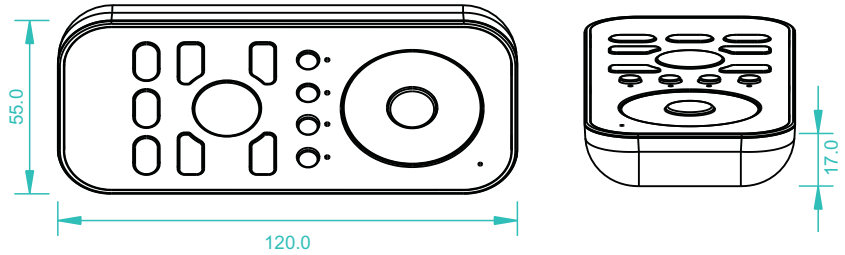
Remote

Part No.	Operation Voltage	Operation Frequency	DIMENSIONS ø/h (mm)	Remarks
SR-2810	4.5VDC	434MHz/868MHz	55x120x17	load 3pcs 7 AAA (1.5V) batteries

Receiver

Part No.	Iuput Voltage	Current	Output	Remarks
SR-1006TA	12-36VDC	4x3A	4x(36-108)W	Constant voltage
SR-1006FA	12-36VDC	4x5A	4x(60-180)W	Constant voltage
SR-1006EA	12-36VDC	4x8A	4x(96-288)W	Constant voltage
SR-1006FA3	12-36VDC	4x350mA	4x(4.2-12.6)W	Constant current
SR-1006FA7	12-36VDC	4x700mA	4x(8.4-25.2)W	Constant current

Product Size



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Operation

1. Learning receivers ID to remote
a. Press learning button on the receiver (the indicator will be on)
b. Choose a zone number on the remote
c. Touch the color wheel

Note:
- The remote must be on before learning ID
- Enable to assign multiple receivers to the same zone number, those receivers will be controlled synchronously.
- Long press the learning button over 5 seconds until the indicator off, the learned ID will be deleted.

2.How to Program?
a.Press “P”
b.Touch color wheel to choose a period of color or several colors you want
C. Press “P”again to save the color you choose
c.Choose the zone number on remote
d.Touch “M” to play the colors

Note:
- The remote must be on, when program
- Enable not only to program each zone separately, but also to program multiple zones together at one time by press multiple zone numbers.

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:
- 3-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.