GRILITELUX

Smart Stair Light control system

INSTRUCTION MANUAL

Multi-function mode & APP & Bluetooth

Connection method of STEP LED strip

The LED light strip is inserted into the corresponding stair step controller port in sequence

For example: The first step of the LED strip positive plug in port number 1 + on the negative plug in port 1—

The second step of the lamp positive plug in the port number 2 + on the negative plug in port 2—.

The third step of the lamp positive plug in the port number 3 + on the negative plug in port 3—.

The controller has 30 ports, according to the actual situation in order to insert the required light strips, excess ports do not need to pay attention to the late can also add LED strips.

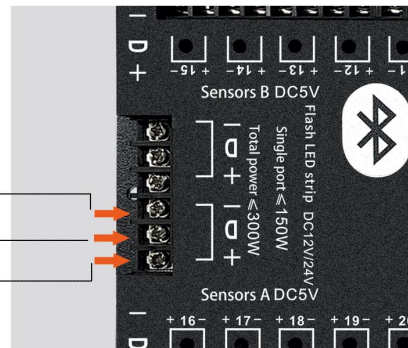# Connection method of Flash LED strip

Total of two ports can be connected to two Flash LED strips

Method:

Negative line insert [—] interface

Signal INput insert [D] interface

The positive wire is inserted into

 the [+] interface

Sensor interface

Total of two ports connected
 A Sensor for downstair
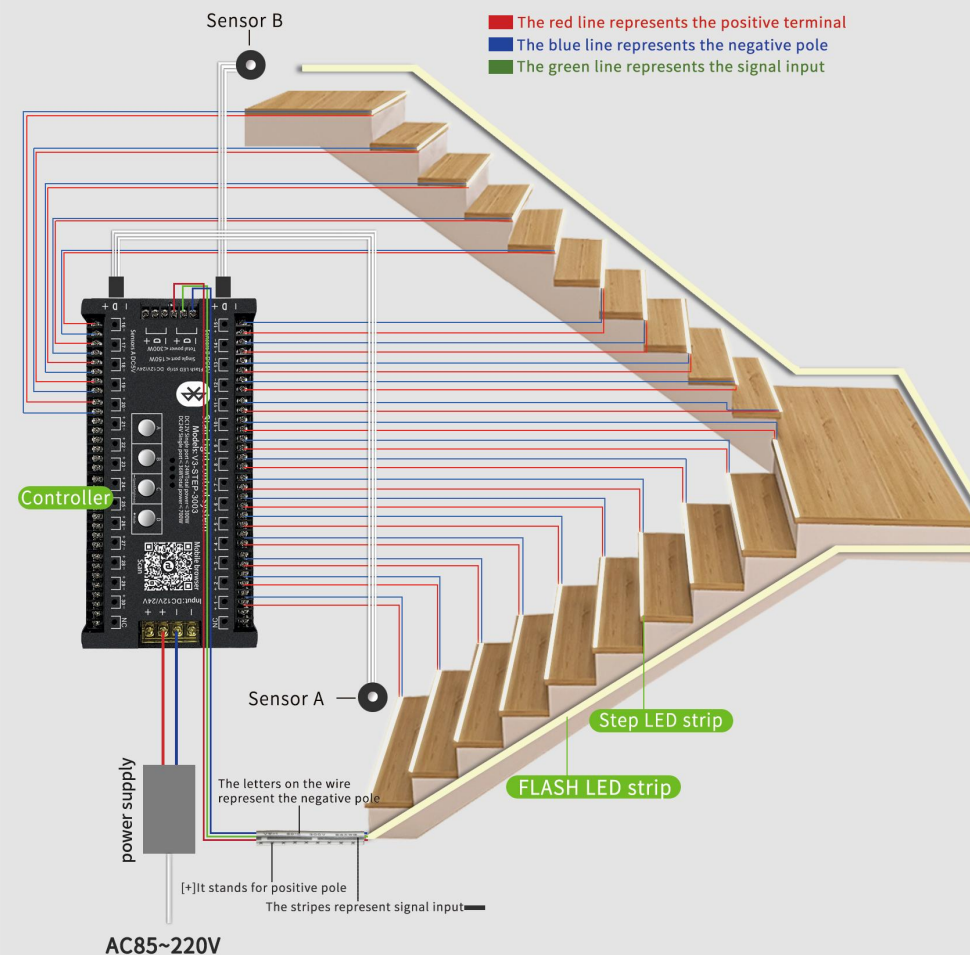.B sensor for upstrir

Points to note for wiring ⚠

1. The product is limited to indoor drying environment. Strong wind, heat, strong shaking and other environment may make the sensor failure
2. The signal line should not exceed over 0.5 MM square
3. Wiring shall be arranged in accordance with the actual works and shall not be affected
4. The controller is installed in a convenient location
5. A B sensor should be fixed with screws
6. A B sensor can be custom built-in dark { customizable }

The red line represents the positive terminal
The blue line represents the negative pole
The green line represents the signal input

Sensor B

Controller

Sensor A

Step LED strip

FLASH LED strip

power supply

The letters on the wire represent the negative pole

[+]It stands for positive pole

The stripes represent signal input

AC85~220V

Product parameters
Functional use

Product parameters

【Product name】　　　Stair Light control system
【Model】　　　　　　V3-STEP-3003
【Input Voltage】　　　DC12V/24V
【Output voltage】　　　DC12V/24V
【Output Power】　　　Steps LED strip：12V Total power≤300W Single power≤24W
　　　　　　　　　　　24V Total power≤700W Single power≤36W
　　　　　　　　　　　Flash LED strip：Total power≤300WSingle power≤150W
【Number of interfaces】Steps：30 PCS ／ Flash LED strip：2 PCS
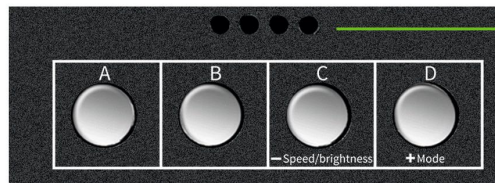【Sensors 】　　　　　　2 pcs

(Flash LED strip IC support IC Model 2811/1903/16703P)

Warning:

1.This product is USE FOR voltage DC12V-DC24V, Before use please connect the POWER SUPPLYER!
  do not directly connect 220V!!!
2.Please operate the connection of the LED strip under the condition of power failure.
  After the operation, check the LED strip and the wiring are in good condition before electrifying.
  If the LED strip or the wiring is not correct connected, electrifying may cause the phenomenon of
  out-of-line short-circuit, cause the control port to burn
3.This product is not waterproof, please do not immerse in water or near the fire source to use+

LED Display

There are 18 kinds of universal induction lighting modes, which can be set and saved manually, so it is convenient and simple.

1. All-bright mode.
2. One step by one step light on. mode (A to B)
3. Meteor Trail A
4. Meteor Trail B
5. Meteor Trail C
6. Chasing light often bright (with gradient) , turn off downstream lights.
7. 20CM Meteor Trail.
8. 40CM two trailing light.
9. 4 cm light chasing.

10.20CM Chasing Run
11.30cm Chasing + Meteor Trailing
12.90cm Meteor Trailing
13.80CM Trailing at Both Ends
14.Turn on the light and the constant running water mode is on，when turn off the light it return back
15.Turn on the light and the constant running water mode is on, when turn off the light it downstream.
16.The running water mode from the middle to the two ends is always on, when the lights are turned off then the two ends flow back to the middle.
17.Turn on the light; the backflow is always on, when turn off the light it downstream.
18.Turn on the light; the backflow is always on, when turn off the light it return back.

A button: Settings the Pix IC of Flash LED strip
Long press the button A for about 2 seconds, the equment enter to setting Flash LED strip program:
- -   short click the button C once to reduce the PIX of Flash LED strip .
++   short click the button D once to increase the PIX of Flash LED strip.
--/++   long press   button C Or buton D to overlay reduce or increase the PIX of Flash LED strip easily
above setting done, Long press the button A 2 seconds(the equment auto save the program PIX number and exit).

B boton: The sequence setting of the Flash LED strip
Long press the button A for about 2 seconds, then the red LED display will fast flash.
Short press the A button again . Short press the C buton .The red LED display turn on or there have three adjustments to the Flash LED strip sequence,can be select .
above setting done, Long press the button A 2 seconds(the equment auto save the
sequence setting of the Flash LED strip and exit).

B button: Steps setting
Long press the button B for about 2 seconds, the equment enter to setting steps program:
- -   short click the button C once to reduce the steps quantity .
++   short click the button D once to increase the steps quantity .
--/++   long press   button C Or buton D to overlay reduce or increase the steps quantity easily
above setting done, Long press the button B 2 seconds(the equment auto save the program steps quantity and exit).

C button: Brightness/speed function
Short press the speed/brightness button to adjust ten levels of light speed when the light is on.
Steps Lights basic the mode : 1.All-bright mode , short press the [speed/brightness] button to
 adjust the brightness of ten levels of steps light.

D boton: Mode function
Short Press D botton can select 18 models of LED
(General options is mode 2.One step by one step light on. model) .

More features please use the browser to scan the equment QR code using the APP software
APP supported more than 200 induction modes