RL-STEP-09 Stair Controller Parameters

72mm
104mm
44mm
130mm
Φ14mm
17mm
16mm
14mm
30mm
5.6m
Each Step＜15W
35cm
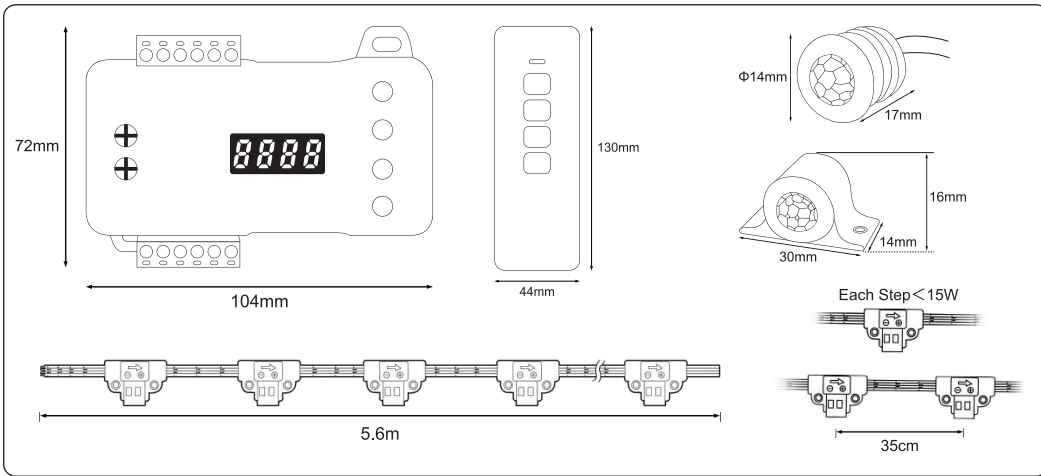
Product Name	Model Number
Dynamic Staircase Controller	RL-STEP-09

Input Voltage	Max Current
DC12V-24V	10 A

Materials	Application
ABS	Control Stair LED Strips

Function	Max Load
Adjust Mode / Brightness / Delay Time / Speed	DC12V/120W DC24V/240W

Installation Diagram

Sensor B
Driver
Power input
Dynamic Staircase Controller
With a full set of main lines
Sensor A
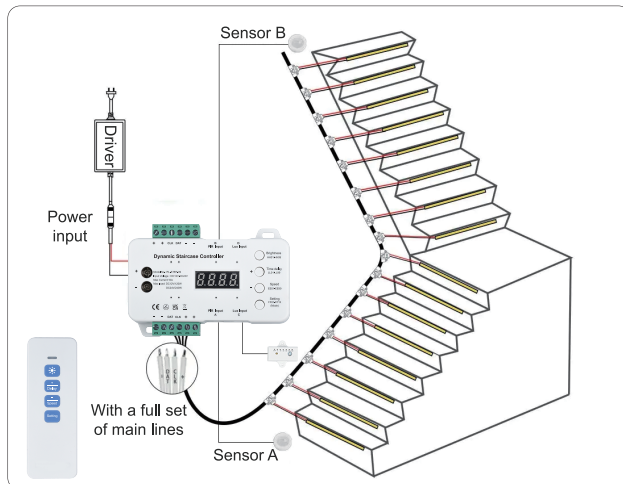
2 PCS
Sensor Cable Length:1M

1 PCS
Extension Cord Length：5M

1 PCS
Daylight Sensor Length：1M

Product Details

Interface Design
—
Power Cord Interface

Model No.: R
Input Voltage
Max Current:
Max load: D
D
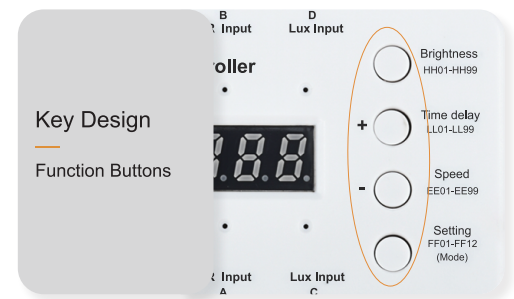
Key Design
—
Function Buttons

B Input   D Lux Input
oller
Brightness HH01-HH99
Time delay LL01-LL99
Speed EE01-EE99
Setting FF01-FF12 (Mode)
Input A   Lux Input C

Match Remote Control
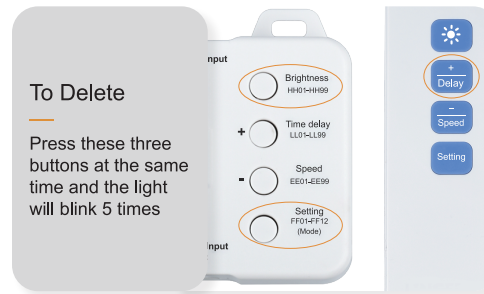
To Delete
Press these three buttons at the same time and the light will blink 5 times

Brightness HH01-HH99
Time delay LL01-LL99
Speed EE01-EE99
Setting FF01-FF12 (Mode)
+Delay
Speed
Setting

To Match
press these three buttons at the same time and the light will blink 3 times

Brightness HH01-HH99
Time delay LL01-LL99
Speed EE01-EE99
Setting FF01-FF12 (Mode)
+Delay
Speed
Setting

Daylight Sensor

Daylight Sensor OFF
PIR Sensor Work Both Day And Night

Daylight Sensor ON
6 Levels Lux Setting

OFF 5 15 30 50 100 150
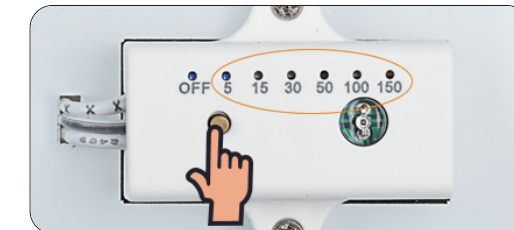
The Daylight sensor does not need to be placed visibly near the steps, but it should be able to detect light and dusk.

The sensor has 7 indicator lights. When you switch off the sensor by pressing the button (the control light at 'OFF' will turn blue), the lighting will be switched on in the daytime as well as in the evening.

When you press the button again, you switch the sensor on to the desired setting.

1x Press	the sensor is switched off	5x Press	50 Lux
2x Press	5 Lux - the sensor will switch on when it is quite dark	6x Press	100 Lux
3x Press	15 Lux	7x Press	150 Lux - the sensor will switch on when it is light
4x Press	30 Lux		

How To Use

1 . Brightness

Brightness have 99 levels,short press to add 1 level brightness
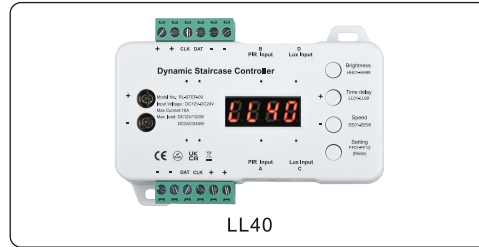Digital Display : HH01-HH9

HH01	2% Brightness
HH02	3% Brightness
HH03	4% Brightness
HH99	100% Brightness

HH09
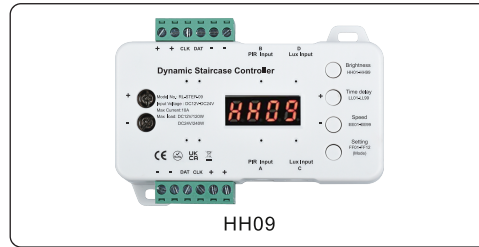
2 . Time delay

Time delay have 99 levels,short press to add 1 level time delay
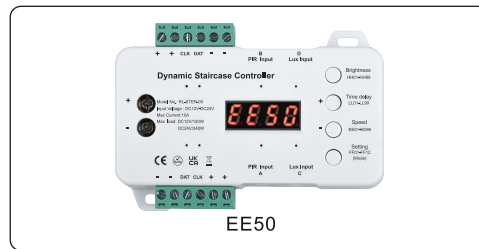Digital Display : LL01-LL99

LL01	4S
LL02	6S
LL03	8S
LL99	200S

LL40

3 . Speed

Speed have 99 levels, short press to adjust speed
Digital Display : EE01-EE99

EE01	150ms Fastest Speed
EE02	175ms
EE03	200ms
EE99	2600ms Slowest Speed

EE50

4 . Setting

Long press"Setting"to set Step Numbers,Brightness,Time Delay,Speed,Mode
Short press to"Setting"to enter next setting
After finished all setting,long press"Setting"to save all setting

A.Step Numbers
Digital display: 1C00   First floor
Use"+""-"to adjust step numbers
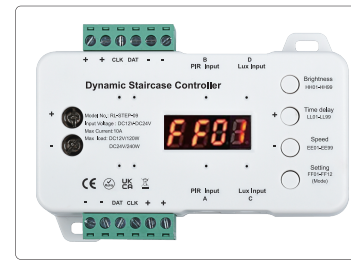
1C16
First Floor Have 16 Steps

B.Time delay
Use"+""-"to adjust time delay

C.Speed
Use"+""-"to adjust step speed
Please note"EE01"is fastest speed,"EE99"is slowest speed,if you want faster speed,press"-".If you want slower speed,press"+".

D.Mode

Use"+""-"to choose mode

FF01	All steps on
FF02	All steps on one by one
FF03	All steps on with 2 steps at the time
FF04	All steps on with 3 steps at the time
FF05	1 step on, moving according to Speed setting
FF06	2 step on, moving according to Speed setting
FF07	3 step on, moving according to Speed setting
FF08	1 step chase, moving according to Speed setting
FF09	2 step chase, moving according to Speed setting
FF10	3 step chase, moving according to Speed setting
FF11	Separated chase, moving according to Speed setting
FF12	Auto change all modes 1-11

5 . Sensor installation method

Surface

Recessed

Application Scenario