



# 产品规格书

Product Specification

## RF V3.0 remote controller (BL4000)

V20210723DT

**Elite Screens China Corp.**

## 更新日志 Revision history

更新日期	更新内容	版本号
2021/06/17	● 初始版本	V20210617DT
2021/0723	● 追加 FCC 资讯	V20210723DT

\* 版本号定义：

格式：V [年] [月] [日] [人员简称]

V：版本号前导码 (Version)

[年]：年份后两码

[月]：月份两码 (不足两码以 0 补足)

[日]：日期两码 (不足两码以 0 补足)

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## 1. Application

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BL4000 is a dedicated remote control for Elite Screens electric screen series, it is a 433MHz wireless manual operation transmitter powered by battery.

The main function is to transmit 433MHz modulation signal to the receiver inside the motorized screen, the receiver will demodulate the signal and turn on/off the AC motor to roll the screen up and down or stop the screen.

After releasing the button, the BL4000 will stop sending signals within 5 seconds.

## 2. Highlights

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- ◆ Embedded PCB antenna
- ◆ Maximum transmission range : 100 feet (30m)
- ◆ 12V trigger feature to control projection screen by projector' s trigger

## 3. Product appearance

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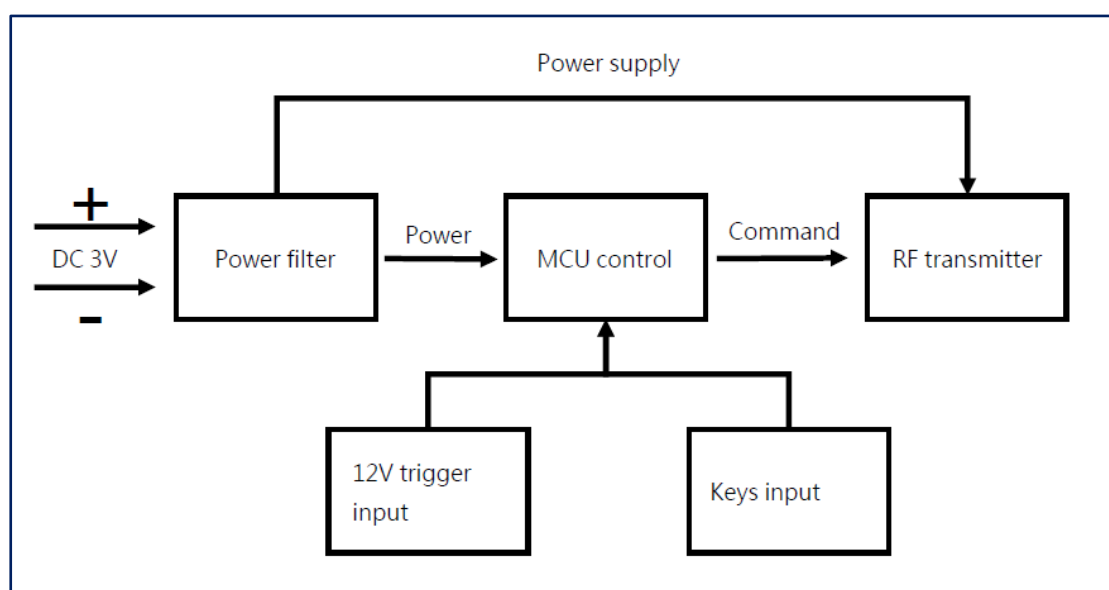


## RF V3.0 remote controller

## 4. Specification

Model name	BL4000
Version	v3.0
Antenna type	PCB antenna
Maximum transmission range	100 feet (30 m)
Radio frequency	433 MHz
Keys	3 keys (UP / STOP / DOWN)
Voltage	3 VDC
Battery	AAA * 2
Working temperature	10 - 40°C
12V trigger voltage range	5 – 12 VDC
12V trigger interface	3.5mm headphone jack
Dimension	122 x 53 x 18 mm

## 5. Product block diagram



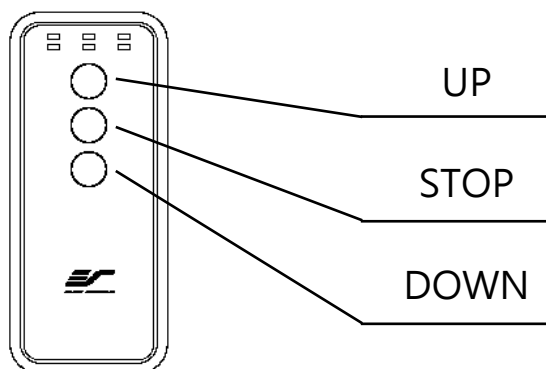


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RF V3.0 remote controller

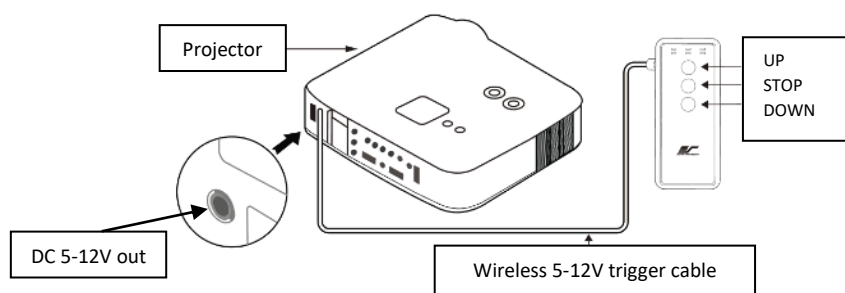
BL4000

## 6. Key introduction



## 7. 12V trigger feature

The RF remote control serves as a dual purpose, independently as a handheld remote control, or in conjunction with the Wireless 5-12 volt trigger cable. The radio frequency technology can be programmed to send a wireless signal to synchronize its drop & rise with the projector's power cycle.



## 8. FCC regulatory compliance

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.