

R02 Series Remote Control Search-Light Operating Instruction



A. Product Description

This is a rotatable remote-controlled LED light which possess 110 degree vertical rotation range and 360 degree horizontal rotation range. With the function of wireless control, it can be remotely adjusted by controller. It also equipped with explosion-flashing which flashes as the international SOS distress signal. Both flood beam and spot beam are available.

B. Functional Parameter

1. Input Voltage: DC 10-30V
2. Power: 48W/80W
3. Remote-controlled Distance: 15-20M
4. Installation Method: Screw Fixation
5. Explosion Flash: SOS Distress Signal (3 long flash-2 short flash)
6. Stow Position Function
7. Weight: 3.2KG

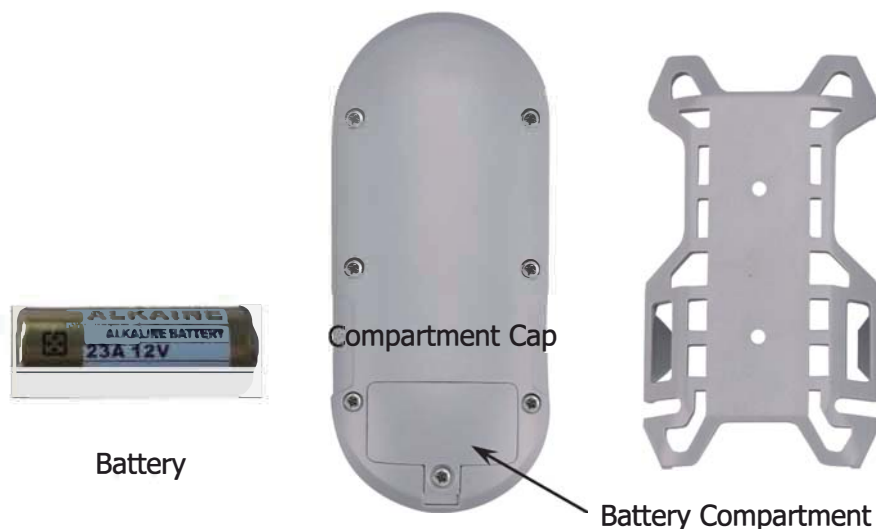
C. Remote Controller Keypad Operating Instruction

This remote controller use EV1527 to control one LED panel and two groups of motor in the light. Totally six buttons.

Picture below:



1. Switch: Press the button, turn on/turn off R02 Search Light.
2. SOS Distress Signal Button: Press the button, the light would flash as the SOS signal, 3 long flash-3 short flash.
3. Upward: Press the button, the light will turn up. Keep pressing the button, the light will keep rotating upward (clockwise 110 degree).
4. Downward: Press the button, the light will turn down. Keep pressing the button, the light will keep rotating downward (anticlockwise 110 degree).
5. Left Button: Press the button, the light will turn left. Keep pressing the button, the light will keep rotating left (anticlockwise 360 degree).
6. Right Button: Press the button, the light will turns right. Keep pressing the button, the light will keep rotating right (clockwise 360 degree).



Remote-controlled Distance: 15-20M

Battery: One 23A #battery, battery voltage: 12V

1. Switch: Press this button while the light is electrified, the light will work normally. Press the button again, the light will be in off work state (other buttons will not work).

2. SOS Flash: Press this button, the light will flash as international distress signal, that is 3 long flash and 3 short flash. Then press the button again, the light would back to normal working pattern.

3. SOS Distress Signal flash patter: six times in one minute, three long flash and three short flash.

Flash: Within 6.8s Flash 0.6s Stop 0.6s

Flash 0.6s Stop 0.6s

Flash 0.6s Stop 0.6s

Flash 0.2s Stop 0.2s

Flash 0.2s Stop 0.2s

Flash 0.2s Stop 0.2s Interval of 2 second, then circulate the flash.

D. Coding & Lifting Code

The remote controller works normally without coding. However, coding is recommended to avoid disturbance from other remote controllers.

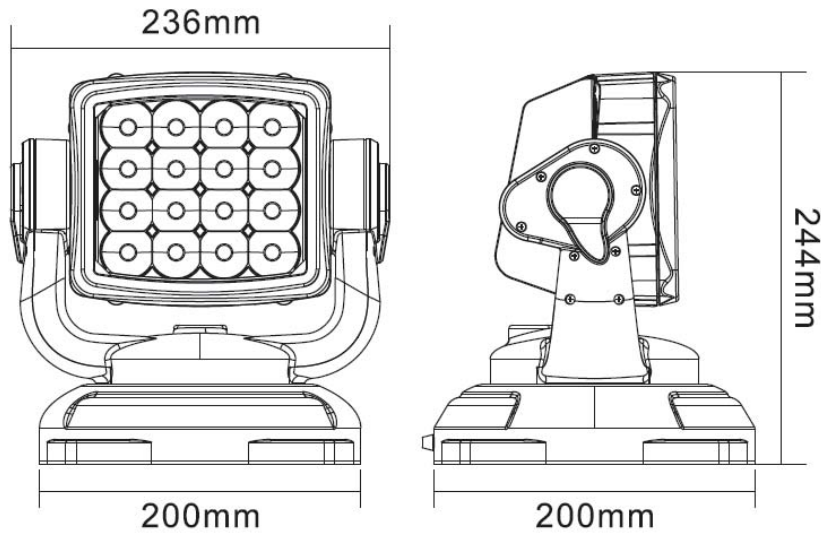
How to code

1. Disconnect light power source for 3-5 seconds.
2. Reconnect power
3. Press and hold the on/off button for at least 6 seconds or until the light flashes three (3) times (long-flash), Pairing succeeded.
4. Second controller Pairing, Repeat step #1, #2 and #3
5. One light can be paired to 2 remotes at most. When a third remote is paired to the light, the first paired remote will be removed automatically.

How to Lift Code

1. Connect the light to a 12V/24V DC power source, do not turn the light on.
2. Use any remotes, no matter it was paired previously or not, press and hold the SOS Flash button for at least 6 seconds, or until the light flashes three (3) times, unpairing succeeded, any remotes that paired to this light previously now have been cleared.

E. Dimensions: 243*200*200mm



FCC Warning Statement

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 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.

The device has been evaluated to meet general RF exposure requirement.