

# Inoculight-R15 Manual

(Scan the QR code to download the manual)



## Product Service Card

**Warning:** to avoid potential skin and eye damage from direct exposure of UV light, when disinfecting with this product, plants, animals, and people **MUST NOT** be present at the scene, and **DO NOT** look directly at the operating light bulb.

**Warning:** please **DO NOT** use or store this product in high temperature (above 38°C / 100°F) environment.

## Product Instruction Manual

1. This product is suitable for indoor places, and please select the appropriate model to achieve effective results in the targeted area.
2. Before using the product, please check whether the power supply voltage matches the product voltage (110V or 240V AC), and whether the electric current access meets safety standards.
3. The recommended duration for one disinfection session is 30 minutes. The disinfection timer can be customized according to the applied area through the app. Doors and windows need to be closed during disinfection.
4. This product produces ozone when disinfecting, which is an unstable gas and usually breaks down into oxygen in 30-40 minutes. After disinfecting with an Inoculight-R15, enter the applied area **at least 40 minutes** after the disinfection session is finished or **10-20 minutes** after opening the doors and windows for air ventilation.
5. Plants, animals, and people **MUST NOT** be present at the scene when the product is disinfecting.

## List of Items

1. Inoculight-R15 (1)
2. Manual (1)
3. Wall plug adapter (1)
4. Wi-Fi pin (1)

## Product Specifications

Name of the Product	Inoculight	Model Number	R15
Features of the Product	<div>➤ High-efficiency air and surface sterilization &amp; disinfection</div> <div>➤ Odor elimination and formaldehyde removal</div> <div>➤ Remove peculiar smell and purify air effectively</div> <div>➤ Built-in dynamic movement sensor, wireless &amp; app control, portable &amp; wall plug</div> <div>➤ Suitable for various scenarios</div> <div>➤ Safe for both the human body and environment</div>		
Color of the Product	Pearl White	UV Wavelength	253.7nm & 185nm
Applicable Area	Indoor – home, dormitories, foyers, corridors, bedrooms, living rooms, kitchens, restrooms, cabinets, etc.		
Rated Voltage	110V-240V	Rated Power	15W
Rated Frequency	50/60 Hz	Sterilization Area	15-30 m² / 160-320 ft²
Working Current	110v/160 mA 240V/80 mA	UVC Blub Life Hours	8000 hours
Operation Method	App Remote Control	Google Play (Android) or App Store (iOS)	
Dynamic Sensor	Automatically turn off the light when people or pets are detected. Automatically turn on the light after people or pets leave.		
Item Weight	560g	Package Gross Weight	730g
Product Size	196.5x70.5x56.5mm	Package Dimensions	270x100x65mm

### CAUTIONS

**When this product is disinfecting, people and animals are NOT allowed to be present in the area to avoid damages to eyes and skin caused by UVC light. Avoid using this product in high temperature (above 38°C / 100°F) environment for more than 45 minutes to prevent injuries from device overheating.**

## Operations

1. Simply plug the device onto a wall outlet.
2. Remotely control this device through your mobile phone app – on/off, or automatic mode with scheduled timing and recurring options.
3. If this device is disinfecting, the built-in dynamic sensor will automatically turn off this device when the movement of people or animals is detected. The device will automatically turn back on when the people or animals leave.

## Wireless Network / App Control Instructions

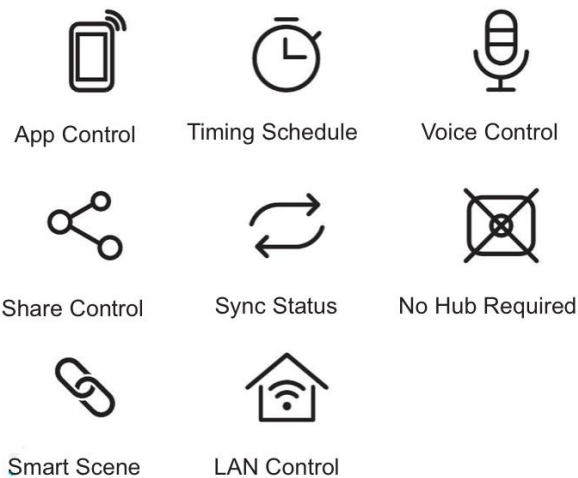
### 1. Wireless network / app installation:

- A. Download the app “eWeLink” on your smart phone from Google Play (Android) or App Store (iOS).
- B. To add the device on the app: open the eWeLink app, tap “+” and follow the prompt on the app.
- C. Pairing mode for the device: after powering on (red indicator), the device will enter the pairing mode by default for the first use. If the pairing is not successful within 3 minutes, the device will exit the quick pairing mode. To enter this mode again, please long press the reset hole for 5 seconds by using the Wi-Fi pairing pin until the LED indicator (blue indicator) displays in a pattern of two short flashes and one long flash.

### 2. Instructions for wireless network / app control system:

#### A. App Control Features

- ❖ Turn on/off the Inoculight from anywhere with your smart phone, schedule a session and set a timer, share control with your family, etc.



#### B. Factory Reset

- ❖ When switching to a new network environment, please reset the device to factory settings and reconnect to the network.
- ❖ Long press the reset hole for 5 seconds by using the Wi-Fi pairing pin until the LED indicator displays in a cycle of two short flashes and one long flash. Then the reset is successful, and the device will enter the quick pairing mode by default.



### C. Common Problems

Q: Why does my device displays "offline" on the app?

A: The newly added device needs 1 – 2 minutes to connect to the network. If the device has failed to connect, please identify the problem by the blue Wi-Fi indicator status:

1. The blue wire indicator quickly flashes once per second, which means that the switch failed to connect your wireless network router.
  - ① Wrong wireless network password may have been entered.
  - ② The device might be too far away from your router, or there might be network interference within the environment, causing a weak signal. Consider getting the device close to the router. If the attempt fails, please add the device on the app again.
  - ③ The device does not support 5GHz wireless networks router. Please try connecting the device again with a 2.4GHz wireless network router.
  - ④ Your router might have MAC address filtering on. If so, please turn this setting off.
2. Blue indicator quickly flashes twice per second, which indicates your device has been connected to wireless network but failed to connect to the server. Ensure a stable connection with your network. If double flash occurs frequently, your network is unstable. In this case, the product is not defective.

### Note

1. Keep away from children, people, and animals.
2. **DO NOT** replace UV light bulb with power on.
3. Avoid contact with water.
4. **DO NOT** use the device if it is damaged externally.
5. Avoid using this product in high temperature (above 38°C / 100°F) environment for more than 45 minutes to prevent the device from overheating.
6. Enter the room **at least 40 minutes** after the disinfection session is finished or **10-20 minutes** after opening the doors and windows for air ventilation.

### Suggested Areas to Use

Indoor - dormitories, foyers, corridors, bedrooms, living rooms, kitchens, restrooms, cabinets, etc.

## Warranty Card

Thank you very much for your support to our products. For your satisfactory after sales service, please read the warranty terms in the warranty card carefully.

Product Model		Date of Purchase	
Problem Description			
Customer Name		Email	
Cell Phone		Home Phone	
Address			
RMA Records		Date of RMA	

## Warranty Terms

1. Inoculight products: the device warranty period is one year, and the light tube warranty period is 6 months.
2. In the event of a failure under normal use, the product, sales receipt, and product service card will be used for warranty service in accordance with the warranty terms from the date of purchase.
3. Due to the following and similar situations, failures caused by the customers' personal factors are not covered by the warranty:
  - 3.1 Damage caused by incorrect or abnormal use or unauthorized modification or disassembly.
  - 3.2 Failure and damage due to abnormal voltage or lack of reasonable maintenance.
  - 3.3 Failure and damage caused by accidental fall during use and removal.
  - 3.4 If the problem cannot be solved after technical exchange, our company will arrange to return to the factory for repair within 48 hours.
  - 3.5 After the product is repaired, the delivery will be rescheduled.

## FAQ

Problem Description	Answer
Principle of disinfection	The ultraviolet type C light irradiates microorganisms to destroy the DNA (deoxyribonucleic acid) and RNA (ribonucleic acid) of the pathogens, so that the pathogens lose their survival and reproduction ability to achieve disinfection and sterilization effects.
Is the disinfection effective?	It is safe to use. Currently most hospital disinfection uses ultraviolet disinfection devices. This product is also suitable for household disinfection and has good effects on disinfection, sterilization, and deodorization. After the disinfection is completed, the result is the same as sun exposure.
Disinfection precautions	<b>Warning:</b> After disinfecting with an Inoculight-R15, the doors and windows need to be closed for another <b>30-40 minutes</b> . Then, you can enter the room. Alternatively, you can open the windows for air ventilation for <b>10-20 minutes</b> , and then enter the room. When in use: plants, animals, and people <b>MUST NOT</b> be present at the scene.
Can Inoculight be used to disinfect quilts?	Yes, the ultraviolet rays emitted by Inoculight work like sunlight. If your location rains often or outdoor drying conditions are not suitable, you can use Inoculight instead.
How often should you use Inoculight?	Generally, Inoculight can be used 1-2 times a week, but it is recommended to use it once or twice a day during the COVID-19 pandemic.
How long can Inoculight last after-sales?	The light bulb can be used for 8000 hours, and the product is warranted for one year. (Except for artificial damages)

Will the occasional sound from inside of the light tube affect the performance?	Sometimes small white particles appear in the light tubes. These particles are mercury particles. Since the working principle of the ultraviolet disinfection lamp is to stimulate the mercury inside the light tube to emit light, it is normal that there exists little precipitate in the light tube, and the performance of Inoculight will not be affected.
Environment requirements for the use of Inoculight	When disinfecting with Inoculight, the room should be kept clean and dry to reduce dust and humidity. When the indoor temperature is lower than 20°C and higher than 40°C, the irradiation time should be appropriately extended.
Daily maintenance of the light tube	During use, the surface of the Inoculight should be kept clean. When dust or oil is found on the surface of the light tube, Inoculight should be turned off and wiped at any time, otherwise it will affect the sterilization effect.

## Product Registration

2 of the U.S. Patent Pending & 1 of the Chinese Patent Pending

Patent # (China): 202020477167.8 & 202030550619.6

Trademark Registration # (US): 88844326

Trademark Registration # (China): 44858944 & 50095778

CE-RED Certificate: SIT201217680101

FCC ID: 2AXXI-R15

IC ID: 26743-R15

EPA Establishment Number: 97361-GA-1

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Official website: [www.inoculight.com](http://www.inoculight.com)



## **FCC Warning**

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.

## **FCC Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**Note:** 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 internet or radios 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.