

MANUAL INSTRUCTION

RGB LED POOL LIGHT

SPECIFICATION:

This is a high technology electronic controlled light based on LED's in three colors: red, green and blue. These three based colors together can produce many other colors to create the perfect atmosphere in the pool. Any of the **15 pre-programmed** effects can be selected with the Remote controller & on/off switch of your pool lights.

RGB PROGRAMS OPERATING MANUAL:

When first connected to the power supply , the lamp will be the mode of **RGB-JUMP**.before it light up it will flash for one second,this is normal because the memory fuction is trying to set to the default mode. the following is the instruction of the remote controller:



Attention:

- 1:please buy new "A23,12V" battery when first use the remote controller,replace the battery when the battery is running out.
- 2:turn on the switch panel on the side of the remote controller until the red light light up when you push the button. and pull the antenna as long as possible before using,then adjust the antenna straight forward the pool bulb
- 3:the Control distance of the remote controller is usually about **10-20 meters** when the lamp is installed under water with meta fixture around. We have already improved the sensitivity of the wireless signal receiver in the bulb and also level up the power of the remote controller.**the electrostatic influence of the meta fixture which cause the short distance have already been reduced.** of course if you want to control the light at a much greater distance, please check the video here:https://youtu.be/sWGDYp_XEM, and you need to install an extra device ,and use another controller with less features

START-UP

- If the lamps are powered off for **>6 seconds**, they will go to the Mode of RGB-JUMP when they are powered again
- If the lamps are powered off/on within **2 seconds** using wall switch, they will loop to switch the following **15 modes**: RGB JUMP →BGR JUMP→7 Color Gradual→RGB Gradual→6 Color Gradual→7 Color Flashing→7 Color Jump→Auto Mode→Red→Green→Blue→Yellow→Cyan→Purple→White →RGB JUMP.....loop
- To achieve synchronization, confirm all lamps are installed correctly on the same switch, after they are powered off for >6 seconds, turn on again, They will all go to the program of White. Now you can select a program from the first color by Remote controller OR Switch off / on within 2 seconds.(this wall switch control way can synchronize all the lamps, **but as the distance between every light and the remote controller is not the same,the remote controller is not so good to synchronize several lamps**)

FCC 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.

WARNINGS

- If the Housing is 120V AC, You should confirm the light you bought is the 120V type, if your Housing is 12V AC, you also should need confirm the light you bought is the AC 12V and The extra transformer's output must be 12V AC. Don't use electronic transformer which may damage the light. You should use industrial frequency transformer, such as toroidal transformer and square transformer
- The persons who are in charge of installation should have the required qualifications for this type of work.
- Avoid making contact with the electric voltage.
- Comply with the current standards regarding accident prevention.

- IEC 364-7-702 standards must be observed: WIRING IN BUILDINGS, SPECIAL WIRING, SWIMMING POOLS.
- Replacement must be performed with the lamp disconnected from the electric power system.
- Do not handle any electrical components with wet feet.

WARRANTY

The manufacturer warrants this LED underwater light bulb against defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not cover the fixture becoming damaged due to **misuse, accidental damaged, improper handling and/or installation and specifically excludes liability for direct, incidental or consequential damages, water coming into the housing.**