

Features

1. This light is a multi-functional & multi-color high power underwater LED light.
The light can be controlled with remote control mode or switch control mode.
2. This underwater light can be used to light up wake, attract fish and create night time lighting effects.
3. Brighter than a 100 watt halogen light with only 12W power consumption.
4. It contains 20 kinds of preset colors and 4 color change mode that user can customize according to their own preferences. User can adjust the brightness and frequency.
5. The external cover of the light is made of aluminium alloy. Surface of product has been chemical treated to prevent corrosion. The lens material is scratchresistant and it will prevent the growth of biological organisms on the light.

Specification

Operating voltage: DC 12-24 Volts
Frequency of remote control: 433 MHz
Waterproof standard: IP 68

Controller Power: Max 36W
Sensing Distance: 15 meters
Cable: 1.5m

LED: 3X3W Green/Bule LED+4*3W Red LED

R: 100LM/630 λ p G: 140LM/520 λ p B: 45LM/460 λ p

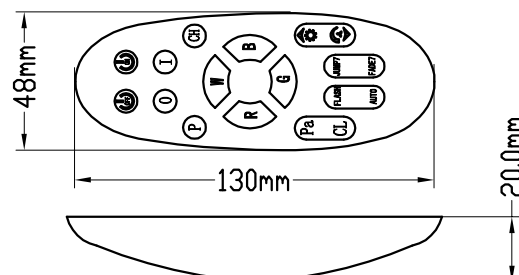
Light Angle/Lumen: 90° /500 Lumen(WH) , 250Lumen(RD), 210 Lumen(GN), 50 Lumen(BU)

Operating Instructions

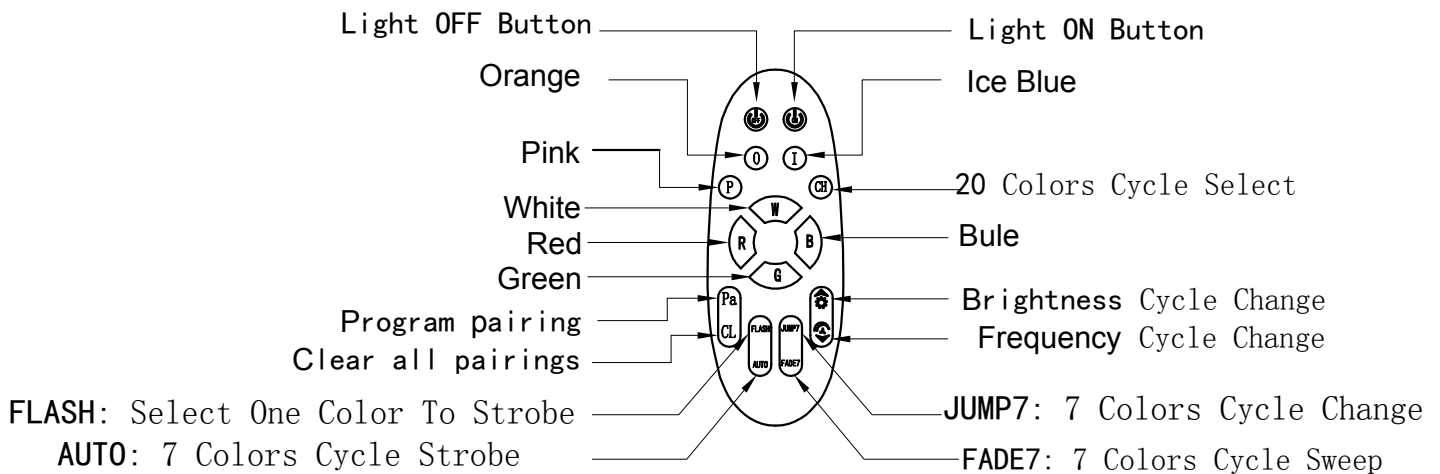
1) With Spring type On-Off-On switch control:

- a. Press switch to 1st 'On' position than release it to select color change mode.
- b. Press switch to the 2nd 'On' position than release it to select color mode.
Repeat above step to get to the desired color or color change mode.
- c. When the light is on, press and hold switch to '2' position for more than 3 seconds to turn off the light.
- d. When the light is off, press and hold switch to '1' position for more than 3 seconds to turn on the light.

Dimension of remote controller



2) With remote control:



Mode

JUMP7: 7 Colors Cycle Change

FADE7: 7 Colors Cycle Sweep

FLASH: Select One Color To Strobe

AUTO: 7 Colors Cycle Strobe

Initial Remote Control Programming

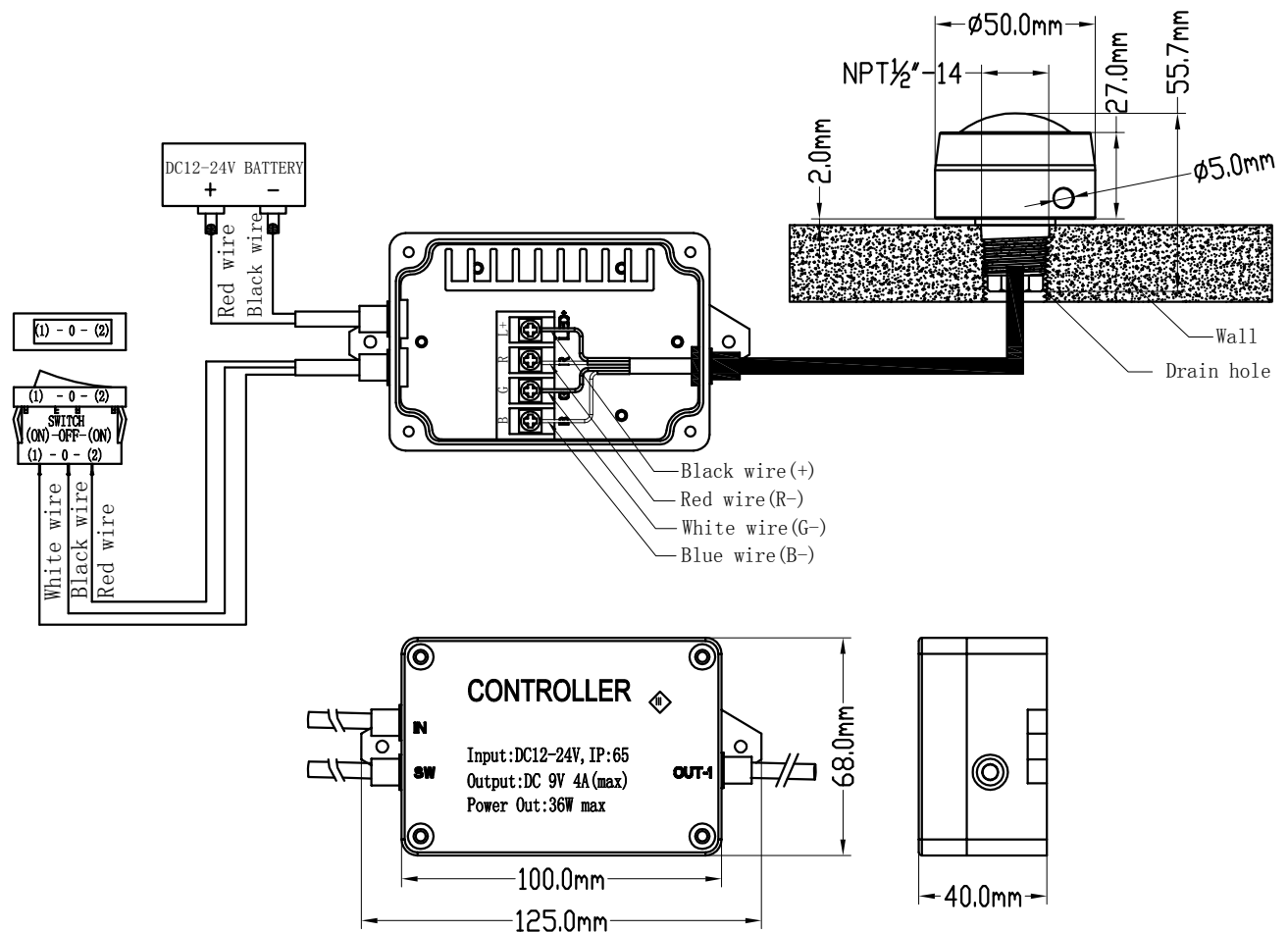
1. Press and hold the "Pa" button on the remote control.
2. While holding the button down, connect the red wire to the positive terminal and the black wire to the negative terminal.
3. Release the button after 3 seconds, then the white light will flash once, The remote control will be programmed and fully functional.
4. Power has to be off before clearing the pairing . Press and hold the "CL" button to turn on the power, then the blue light will flash once after the button is released, all the pairing will be cleared .

Warning:

This light is designed with water cooling system,

MUST BE installed **under waterline** and used only when SUBMERGED.

NOTE: Before power on make sure that port are connected correctly .
Wrong connection will damage the products.



Mounting Instructions

1. Loosen the 4 screws of the controller box and open the cover. (Ref.FIG 1).
2. Loosen the screw fixing the wire of the lights in the controller box(Ref.FIG 2), then remove the wire of the light from the controller box. (Ref.FIG 3).
3. With the boat out of the water,remove your old 1/2" NPT boat plug, apply sealant around the drain hole and 3 mounting holes(Ref.FIG 4) and slide the wire through the drain hole (Ref.FIG 5).
4. Insert a screwdriver into the hole of the light and screw the light into the drain hole.Then apply the sealant to fill the gap between the light and the boat (Ref.FIG 5).
5. According to the wiring diagram, connect the wires of the light to the terminal of the controller (Ref.FIG 7). Then lock the top cover into the bottom of the controller box with 4 screws . place the controller in a suitable location.

6. According to the wiring diagram(Ref.FIG 8), connect the power supply and switch (Ref.FIG 6). Make sure that all ports are connected correctly, turn on the power and test the function.

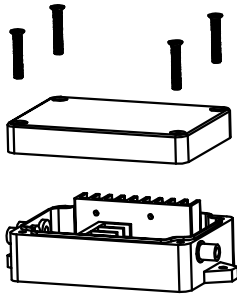


FIG 1

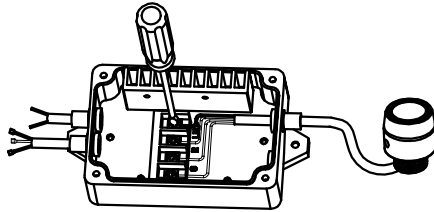


FIG 2

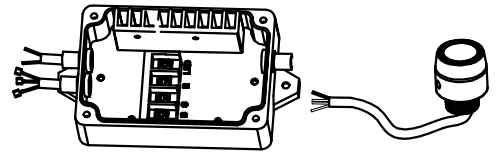


FIG 3

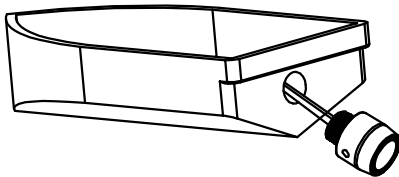


FIG 4

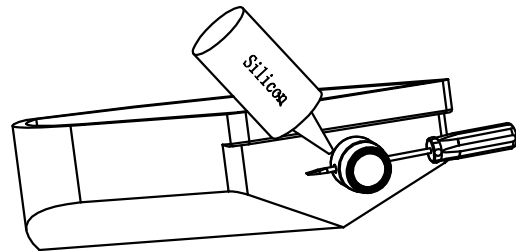


FIG 5

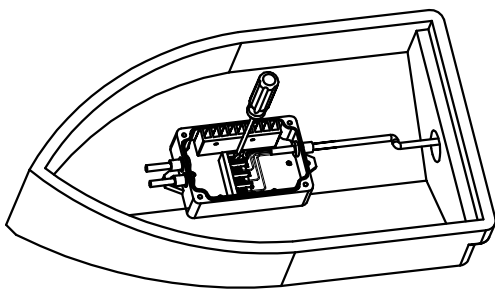


FIG 6

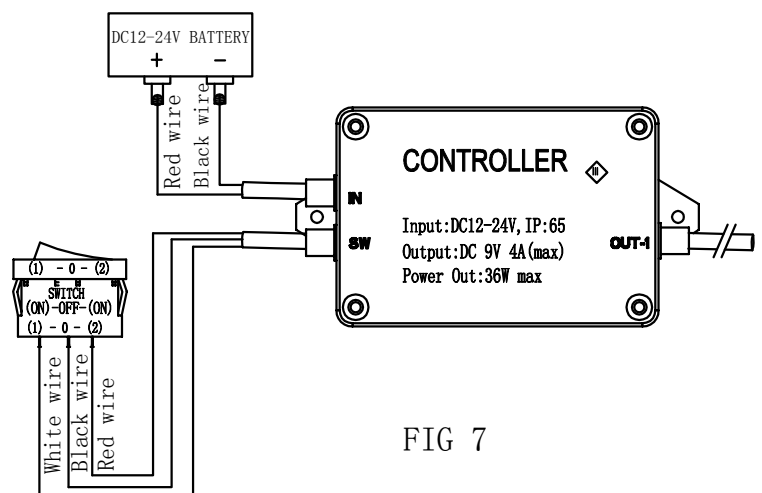


FIG 7

NOTE:Before power on make sure that port are connected correctly .
Wrong connection will damage the products.

FCC Statement

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 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.

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

The device has evaluated to meet general RF exposure requirement. The device can be used in portable exposure without restriction.