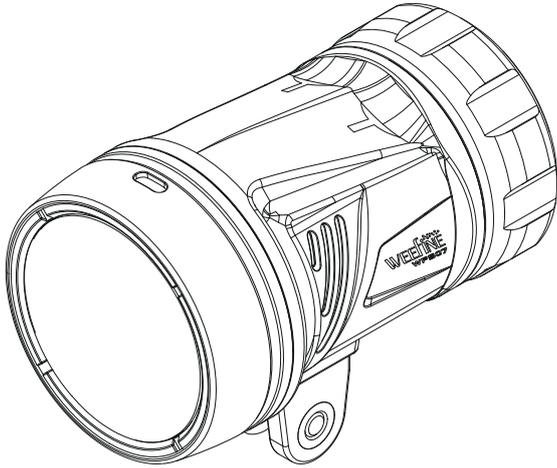


## WFS07 STROBE LIGHT

### User Manual



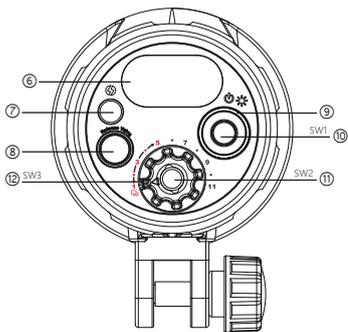
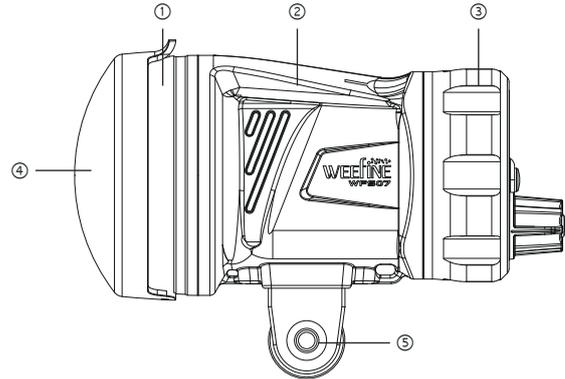
Please read the user manual carefully before using the strobe Light

### Product features

WFS07 strobe light is a multiple function light not only support underwater photo but also support underwater shooting, which utilize Ring-shape strobe tube with large capacity and high rate lithium battery . The maximum guide number is GN22 and Flash beam angle is 140° The number of flashes is more than 600 times. What's more , there is a integrated LED light source in the center of the Ring tube with Max. 3000 lumens , CRI>Ra90. WFS07 can be used either as a focus light for the strobes , or as an independent video light.

The strobes has multiple safety protection functions , including overheating protection , internal air pressure protection, battery safety protection and multiple waterproof protection, which make the user more at ease to use ; WFS07 is designed with a number of patented technologies and adopts the latest aesthetics design of Weefine, which is a unique diving strobe Light.

### Components



- ① Light head
- ② Body
- ③ Tail cap
- ④ Diffuser
- ⑤ YS holder
- ⑥ LED Screen display
- ⑦ Fiber optic cable port
- ⑧ Exhaust Valve
- ⑨ Ring-shape charging indicator
- ⑩ LED dimming button - SW1
- ⑪ SW2 Strobe mode / Testing button -SW2
- ⑫ SW3 Flash level knob-SW3

### Function operation :

- SW1** : Power switch / LED dimming button
- SW2** : Strobe mode / Strobe testing button
- SW3** : Flash level knob

### Power on / off :

Long press SW1 button , Power on & Power off.

### Setting the strobe mode :

Three kinds of strobe mode:

#### S1 Mode :

Single strobe mode. In this mode, WFS07 will flash according to the setting flash level brightness when received the strobe signal ; Continuous flash is supported , the screen display shows "S1".



(Figure 1)

#### Short press button :

Press and release the button within 1 second

#### Long press button :

Press and hold the button for more than 2 seconds

#### S2 mode :

Preset strobe mode. When receiving two consecutive flash signals under this mode, flash will be triggered according to the brightness of the setting flash level when the second strobe signal arrives; Continuous flash is not supported in the preset strobe mode , the screen display shows "S2".



(Figure 2)

#### SYNC mode :

Synchronization flash mode. In this mode, the flash duration is synchronized with strobe signal duration when WFS07 received the strobe signal. Continuous flash is supported under the SYNC mode, the screen display shows "Sy".



(Figure 3)

#### Switch strobe mode :

Long press SW2 button one time to switch the next strobe mode . S1->S2->Sy->S1 (endless loop)



(Figure 4)

#### Flash levels setting:

Total 11 level flash brightness , and the corresponding GN values are as follows.

Level	1	2	3	4	5	6	7	8	9	10	11
GN value	1.0	1.4	2.0	2.8	4.0	5.6	8.0	11	14	16	22

#### Flash level adjustment :

Rotating SW3 knob counter clock-wise to reduce the level of flash brightness. Rotating SW3 knob clock-wise to increase the level of flash brightness. The position pointed by the marking line on the knob (as shown in Figure 6) is the flash brightness level, and the two blue digits on the left side of the screen display the current flash level GN value; as shown in Figure 5:



(Figure 5)



(Figure 6)

#### Remaining flash times display :

There are three white digits on the right of the screen display and show the remaining flash times supported by the battery power under the current flash level . The symbol ④ is displayed on the right of the screen. If the current flash mode is in low level and the flash times is over 1000 times , 999 is displayed.

With the adjustment of flash level , working times of the strobe light and the working duration of current level of LED light, WFS07 will automatically calculate and update the remaining flash times according to the actual battery level.

Note: The flash level and remaining flash times will not be shown under the SYNC flash mode.

### LED level adjustment :

Total 5 levels : 100% ,50% , 25% , 10% , off.



### Adjustable LED level :

In the state of POWER ON , short press SW1 button one time to switch to the next level 100%-50%-25%-10%-OFF-100% (endless loop).

When the LED level is adjusted, the three digits on the right of screen display will show corresponding brightness percentage with symbol "%", after 5 seconds , the three digits will automatically switch to the remaining flash times.

### Shut-off function :

Under any LED level , LED light could be used as Focus Light . When the strobe is triggered, the LED light will automatically shut - off and light up the original brightness again after 1.5 seconds.

### Fiber Optic Cable Connection :

Please use the standard fiber optic cable in the package to connect the strobe port of the camera to the strobe port of WFS07 strobe light.

### Remaining battery level:

The battery level symbol on the screen indicates the battery level.

	Battery level>80%	4 cells
	Battery level>60%	3 cells
	Battery level>40%	2 cells
	Battery level>20%	1 cells
	Battery level<10% , enter into lower battery level protection and automatically turn off after 10 minutes .	Red battery symbol blinking

### Temperature protection :

When the internal temperature is detected to be higher than 50°C, WFS07 strobe light does not work and automatically enter into overheating protection program. If the LED is still working in high-brightness level , its brightness will automatically drop below 10% ; After the internal temperature is cooled to lower than 40°C, all functions of the strobes will resume normal working.

### Battery safety management :

When WFS07 strobe light is detected that the battery level is about to run out, the red battery symbol will blink, and the strobes will stop working. If the LED is working in a high-brightness level, its brightness will automatically drop below 5%, and the screen will display a 10-minute to turn off countdown.

### Internal air pressure management :

When the internal air pressure of the strobes changes due to temperature changes, abnormal battery exhaust and other reasons, the exhaust valve will automatically exhaust the air to keep the internal air pressure of the body at a safety value , at the same time keep the structure components of the body stable , and ensure that the user can open the tail cap safely.

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### Parameter

Full power guide number	22
Strobe Color Temperature	5500K
Strobe Beam Angle	Ring-shape 140 degrees
Full power recycle time	0.9S
Full power Strobe times	600+
Strobe port	Strobe with Fiber optic cable
Strobe level	1、 2、 3、 4、 5、 6、 7、 8、 9、 10、 11 (Total 11 levels)
LED Brightness	3000LM
LED Color Temperature	5000K
CRI of video light	>Ra90
Burning time of video light	50 mins (Used alone as a video light)
Battery	2*18650 Li-ion batteries (3000MAH)
Depth Rated	100M
Safety Exhaust Valve	Standard
Dimension	79(D) x 155(L)mm
Weight	695g (on land) / 165g (underwater)

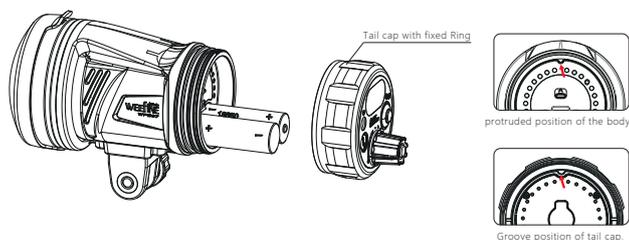
### Packing list



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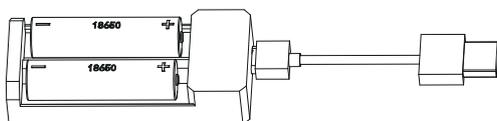
### Battery Installation

1. Turn the tail cap fixed ring counter-clockwise to open it.
  2. Put two 18650 LI-ion batteries into the battery compartment.
- Note :** The direction of battery polarity must be correct.
3. Please pull the battery lock when take out the battery.
  4. Firstly make sure the groove on tail cap align the protruded position of the body ,and then turn the tail cap clockwise to tighten to the head of the strobe light.



### Battery charging

1. Use the USB power cord to connect the charger dock and 5V power adaptor. The charger dock's indicator will turn to green, signifying the power has been connected.
2. Insert the battery into the charger dock, the positive electrode (+) of the battery and that of the charger dock should be on the same direction. When the charger dock's indicator turns to red, signifying the battery is charging . When the charger dock's indicator turns to green, signifying the battery has charged fully ( Charging time : Approx z3 hours ).



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### Standard Warranty

provides a limited warranty to the original purchaser of its products against all defects in original workmanship and material, under normal use and service, for one year from the date of purchase with the following exceptions:

1. Batteries are warranted for 90 days only.
2. Defects attributed to accident, abuse, incorrect maintenance or use and storage.
3. Defects resulting from disassembly or modification by customers or repairers of other companies.
4. Defects caused by damages of the shell or other external components while usage.
5. The machine label numbers are torn, blurred or counterfeit.
6. Defects caused by force majeure (such as: earthquakes, fires, floods, etc.)

### Care and Maintenance

1. Wash the exterior of the light thoroughly with clean fresh water as soon as possible after using it. It is particularly advisable to soak it in fresh water for 60 minutes after use in salt water to remove salt deposits. Then dry the ring light with a clean soft cloth to remove sand, dirt, hair and other objects on O-ring.
2. Regularly apply silicone oil to the O-ring, which can effectively prevent the rubber ring from aging and damage and ensure the sealing effect. Change the O-rings every two years to ensure the waterproof-ness even though they seem to be in good condition.
3. Always remove the battery from the light compartment when traveling or storing and charge to Approx. 60% to aim to prevent to damage the battery due to long-term low power.

### Warnings

1. Do not open the tail cap when the video light is in the water.
2. Do not shine the light directly into your eyes or another person's eyes.
3. Do not touch the battery or charger with wet hands.
4. Only use the manufacturer's battery and charger with this system.
5. if the video light will not be used for a long period of time, the battery should be removed.
6. Don't disassemble or repair the video light ,battery and charger by yourself .Please contact the local distributor in case of failure.

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