

Replacing the Battery Pack Inside the Body

- Unscrew the body and then slide out the old battery pack.



Choosing between 4-Levels, Red and Narrow Beam of output

- Press the push button every time to choose the desired output level : I- output at 10%, II-output at 25%, III-output at 50%, IV-output at 100%.
- For 4-Levels setting, press the push button each time to change the level of output accordingly.
- For Red LED setting, press the push button continuously two times to get red effect and back to normal when you press the push button once again.
- For Narrow Beam setting, press the push button for 2 sec to get narrow beam effect and back to normal when you press the push button once again.
- For OFF setting, press the push button one time after 1 sec of level selection or press the push button five times after 4-Levels setting.



Battery level indicator built-in

- Color of LEDs change from the time being. It will change from blue to green and green to red. When the red led flashes, it reminds people to charge up the battery.



Charging the Battery

- Place the Li ion battery inside the Smart Quick Charger. There is no need to discharge after use.
- Charge time will depend on the remaining capacity in the battery and the surrounding temperature.



Maintenance and Transportation

- After each dive, always rinse with fresh water. If the diving light will not be used for a prolonged period of time (more than a month), remove the battery from the light.
- In rare cases of flooding, discontinue use. Turn the light off immediately and rinse with fresh water. Let the components dry completely, and return it to Bigblue for service.
- Flooding damage cannot be repaired on site.

Clean the light and Lubricate the O-Ring

- For good practice, put the light into fresh water for few hours after every dive.
- Dry it out and put the silicone grease on the O-Ring. Ready for other dive.

Mounting the Goodman Glove



Aluminum Adapter plate



Fix the plate with the supplied screw



Goodman Glove



Put the Velcro through the slot of the plate and through the loop



Tighten by pulling the Velcro

Setup Using Photographic Arms and Clips*

- Twist the knobs on the clips anticlockwise until loosened.
- Insert the ball joint of the Video Light in between the gaps of the clips.
- Once the ball joint is inserted into the clips, secure its position by twisting the knobs on the clips clockwise.



*Photographic Arms and Clips are sold separately

Technical Specifications

Light Source	7 x XML LED + 2 x XPE Red LED
Light Output (Flood beam mode)	310 Lm (level I), 775 Lm (level II) 1550 Lm (level III) , 3100 Lm (level IV)
Light output (Spot beam mode)	1000 Lm
Light output (Red color mode)	100 Lm
Casing Material	Aluminum alloy. Anti-corrosive anodized
Power Source	Li ion Rechargeable battery pack 32650
Angle of Light Beam	120° wide beam and 10° narrow beam
Color Temperature	6500K
Burn Time	1.5hrs (level IV), 3 hrs(level III) 6 hrs(level II) and 15hrs (level I)
Maximum Depth	100m tested
Size:	Dia. 55.5 x L. 140.6mm
Weight in Air	432g (including battery)
Buoyancy in Sea water	-205g (including battery)
Switching System	Push button with battery indicator
Front Glass	Tempered optical glass
Lanyard	Included

Specifications subject to change without prior notice

VTL 3100P

Li ion Rechargeable Battery LED Video / Tech Light

120°
Wide Beam
10°
Narrow Beam





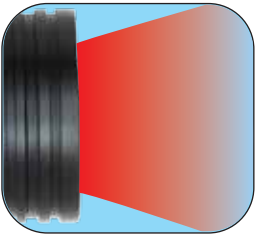
Introduction

The VTL 3100P delivers a stunning 3100 lumens light output 6 x ultra high intensity LED and 100 lumens red light output 2 x high intensity red LED. It is a compact and versatile diving light with wide and even light beam, best suitable for video shooting. Also the light delivers 1000 lumens light output with narrow beam with strong penetrating hot spot, best suitable for technical diving as well. Combined with the self-contained 32650 Li ion rechargeable battery design, it actualizes the super convenience and performance which can meet the needs of discerning video professionals and technical divers.

Congratulations on your purchase of our Bigblue product. The Bigblue Diving Light uses carefully selected materials that have met rigorous industry standards. With innovative manufacturing processes, and strict quality controls, we guarantee the reliability of all Bigblue diving products.

Using the rechargeable Li ion battery

- Intended to be used with the custom-made 32650 Li ion rechargeable battery only.
- Connect with the correct polarity (+ and -) only, incorrect connection can damage the unit.
- Fully charge the batteries before using for the first time.
- Use only the power adapters supplied with the charger. Using incompatible adapters may damage the charger or result in fire or electric shock.
- Charge time will depend on the remaining charge in the battery and the surrounding temperature.
- Do not charge near hot temperature, under direct sunlight, cover the charger with a blanket, or place under heavy pressure. If the temperature is too high, it may cause the battery to leak or rupture.
- When storing or carrying the battery, avoid direct contact with metal objects to avoid short circuit.
- The Li ion battery should not be dropped or be subjected to strong mechanical shock.
- Remove the battery from the light if it is not going to be in use for an extended period of time.
- Do not operate the battery or the charger if it has been damaged or subjected to shock.
- Do not dispose of in fire. Do not heat, deform, solder, disassemble or modify.
- Do not dispose of your rechargeable battery with general household waste. Check with your local collection system for electrical and electronic products.



Built in red color led enhances focusing performance



Removable yellow filter



Goodman glove for hands-free operation

- Li ion rechargeable battery design comes with a smart charger, enabling you to charge in a few hours.
- Built in red LED for viewing shy little creatures and enhancing focusing performance.
- Removable yellow filter to achieve a warmer color tone for video shooting.
- Sturdy glove for hands-free operation underwater.
- The thermal protection system prevents the light from overheating by automatically cutting off its power in case of prolonged use on land, or exposure to temperatures above 70°C. As soon as the light cools off, power comes back on.

Features

- 6 x ultra high intensity LED delivers 3100 lumens, and an 120° perfectly even light spot, making it a must for the best video shoot results.
- 1 x ultra high intensity LED delivers 1000 lumens, and an 10° strong penetrating light spot, making it ideal for tech-dive.
- The LEDs are maintenance-free, they guarantee a burn time of 50,000 hours, reducing the need for frequent bulb replacement.
- The 6500K white light reflects the true vibrant colors of the underwater surrounding while diving.
- The four levels power output lets you choose between 100%, 50%, 25% and 10% of total brightness.
- The push button not only makes it easy to change between the power output levels, but it is also designed to be insulated from all internal parts, eliminating the risk of leakage.

Features



VTL 3100P

Li ion Rechargeable Battery LED Video / Tech Light

INSTRUCTION MANUAL



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