

Replacing the Battery Pack Inside the Body

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



Choosing between 3- Levels of Cool White, 3- Levels of Blue, Red and Narrow beam of output

- Press the push button every time to choose the desired output level : I- output at 25%, II-output at 50%, III-output at 100%.
- For 6-Levels setting of cool white and blue, press the push button each time to change the level of output accordingly.
- For Red LED setting, two very short rapid presses of the button will switch to red light mode. Switch back to bright light mode with a slightly longer press and release.
- 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 seven times after 6-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 USB 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



Goodman Glove



Fix the glove on the light with the supplied screw



Tighten by pulling the velcro

For Right Hand User

- Unscrew the piece and place it upside down.



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 XBD Red LED + 4 x XBD Blue LED
Light Output (Flood beam mode)	1050 Lm (level I), 2100 Lm (level II), 4200 Lm (level III)
Light output (Spot beam mode)	1300 Lm
Light output (Red color mode)	150 Lm
Light output (Blue color mode)	20 Lm (level I), 40 Lm (level II), 80 Lm (level III)
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 III), 3 hrs (level II) and 6 hrs (level I)
Maximum Depth	100m tested
Size	Dia. 55.5 x L. 140.6 mm
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
Yellow Plate	Included

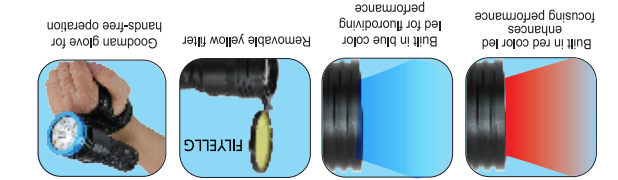
Specifications subject to change without prior notice

VTL4200_{PB}

Li ion Rechargeable Battery LED Video / Tech Light with Blue Light

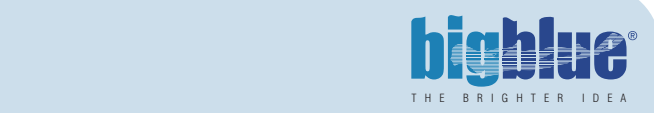
120°
Wide Beam
10°
Narrow Beam





- 6 x ultra high intensity LED delivers 4200 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 1300 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 six levels power output lets you choose between 100%, 50% and 25% of total brightness for cool white and blue.
- 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.
- 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.
- Built in blue color LED for fluorodiving performance. Go with yellow plate for better result.
- 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



VTL4200PB

Li ion Rechargeable Battery LED Video / Tech Light with Blue Light

INSTRUCTION MANUAL

4200 / 1300 Lumens WIDE SPOT

120° Wide Beam
10° Narrow Beam



- Intended to be used with the custom-made BATTERY 32650 Li ion rechargeable battery pack 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.
- Do not short-circuit, overcharge, crush, drop, mutilate, generate with foreign objects, apply reverse polarity, expose to high temperature or disassemble packs and cells.
- Use only lithium-ion cells with a designated protection circuit and approved charger.
- Discontinue using the battery and/or charger if the battery gets excessively warm.
- The electrolyte is highly flammable and battery rupture can cause physical injury.
- Use a foam extinguisher, CO₂, dry chemical, powdered graphite, copper powder or soda (sodium carbonate) to extinguish a lithium-ion fire. Only pour water to prevent the fire from spreading.
- If the fire of a burning lithium-ion battery cannot be extinguished, allow the pack to burn out on its own in a controlled and safe manner.

Using the rechargeable Li ion battery

1. Fully charge the battery before using it first time.
2. Use only the power adapter supplied with the charger.
3. Plug in the charger before you place the battery in the charger.
4. Make sure to connect with the correct polarity. Incorrect connection can damage the unit.
5. The red light on the charger will light up after a short time, indicating charging is taking place. If the red light does not light up, disconnect the battery and re-connect it again. If the red light does not light up after several attempts, the battery does not function.
6. Green light on the charger indicates fully charged battery. The battery should then be disconnected.
7. Charge the battery after each use. It does not have to be discharged before charging. Should charge the battery every month even you don't use it.
8. Do not turn on the light, if the light has turned off due to low battery capacity. Turning on the light with a fully discharged battery can damage the battery.
9. Charge time will depend on the remaining charge in the battery and the surrounding temperature.
10. Remove the battery from the light if it is not going to be used for extended period of time

Li ion battery charge and care

Charging Li ion battery

Using the rechargeable Li ion battery

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.

Introduction

The VTL 4200PB delivers a stunning 4200 lumens light output 6 x ultra high intensity LED and 150 lumens red light output 2 x high intensity red LED and 80 lumens blue light output 4 x high intensity blue LED. It is a compact and versatile diving light with wide and even light beam, best suitable for video shooting. Also the light delivers 1300 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.



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