



MAINTENANCE

Inspect and test your light and bracket apparatus before every ride.
Keep your light clean and free of dirt, be careful when cleaning any mud or dirt from the lens to avoid scratching.

Never use a high pressure spray or hose on your light.

Do not use harsh abrasive or corrosive materials to clean your light.

For extended periods when your light is not in use fully recharge the light once a month, as a long duration with no charge is detrimental to the cells.

WARNING

⚠ Exposure Lights are very powerful lighting systems, please take care when operating. Do not look directly into the light or shine directly at others, including other road users.

Do not charge the light in an enclosed place, or with the lens in contact with potentially combustible material.

Exposure Lights / Ultimate Sports Engineering Ltd. accept no liability for any injuries or other damages arising from the use of their product in any circumstances.

NOTE: Patents apply.

WARRANTY & SERVICE

Please do not send any products back to us without contacting our service team first to discuss your issue and for a valid returns number.

All our lights come with a 2 year warranty. Lifetime warranty on emitters for the original owner.

If you have a servicing or technical question you can contact us using the information below. If you return your light for repair no work will be carried out until you have been contacted with the cost for the repair. If you are outside of the UK it would be quicker in the first instance to contact the local distributor.

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service@use.group

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For more information please visit:
exposurelights.com

MADE IN
GREAT BRITAIN 

EXPUG4.3



USER GUIDE

ZENITH • DIABLO SYNC • DIABLO • AXIS • JOYSTICK • SIRIUS

CHARGING

Fully Charge your light **before** first use.

Locate the charging port by pulling away the silicone Storm Cap.

Fully insert either the Smart Charger or USB top up cable and begin charging from a mains or USB supply respectively.

If you are using the Smart Charger the LED on the charger will go red for the first 95% and then go green for the trickle charge.

On the back of the light there is a single LED which will flash green to indicate that it is charging and then turn solid green when the light is 95% charged, then the remaining 5% is trickle charged.

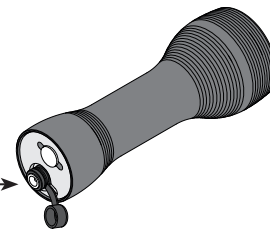
NOTE: *Sirius* will require the **1.5A Smart Charger** (EXPCHARGERSALES) from www.exposurelights.com, to initiate trickle charge.

APPROX MAINS CHARGER TIMES	
ZENITH	5 HRS
DIABLO	4 HRS
AXIS	4 HRS
JOYSTICK	4 HRS
SIRIUS	*7 HRS

***7 hours from 500mA source with supplied USB cable.**

⚠ IMPORTANT:

- After charging is complete, remove the charging cable from the light (if the light is left connected with the charger off, the light can switch on)
- Replace the Storm Cap to prevent ingress of mud and grit
- Do not charge the light with the lens face down or in contact with any potentially combustible surface
- Do not charge the light in an enclosed space



CHARGE PORT
/SMART PORT



LIGHT OPERATION & BATTERY LIFE



Located on the back of the light is the stainless steel Function Button and a single LED. The LED indicates both mode and battery life remaining.

To turn the light on press the function button twice in quick succession, the light will then turn on in the brightest mode.

To switch between high, medium and low modes press the function button once, repeat this process to cycle through the modes.

The LED on the back of the light will **initially** indicate the mode the light is in:

Green – High.

Amber – Medium.

Red – Low.

LED	BATTERY %
GREEN	100 – 85%
GREEN PULSE	85 – 70%
AMBER	70 – 55%
AMBER PULSE	55 – 40%
RED	40 – 25%
RED PULSE	25 – 10%
RED FLASH	10% – Empty

After three seconds the LED on the back of the light will indicate battery life remaining. See Fuel Gauge table (right).

To turn the light off hold the function button down until the light emits two flashes and then release.

NOTE: If you are using an Exposure Support Cell with the light then the LED will pulse green to indicate the light is charging.

LOW VOLTAGE FLASH (ZENITH, DIABLO, AXIS & JOYSTICK)

To warn the user when the light has 10% or less of battery life left the light will flash. It is then advisable, if it is safe to do so, to put the light in a lower setting to prolong battery life. See the OMS section for more detail.

NOTE: The light will continue to give off these warning flashes, regardless of setting, until its battery is charged back above 10%.

FLASH MODE

To activate the Flash Mode first the light needs to be ON. Hold the Function button down and immediately release after the light emits a flash. The Flash mode can be activated from any of the constant brightness settings.

To return to the constant mode press the Function Button once. NB: The light will then return to the brightest setting.

In Program 7 the Flash Mode is replaced with the Morse Code for SOS. For more information about changing programs see the OMS section of this guide.

DAYBRIGHT (SIRIUS ONLY)

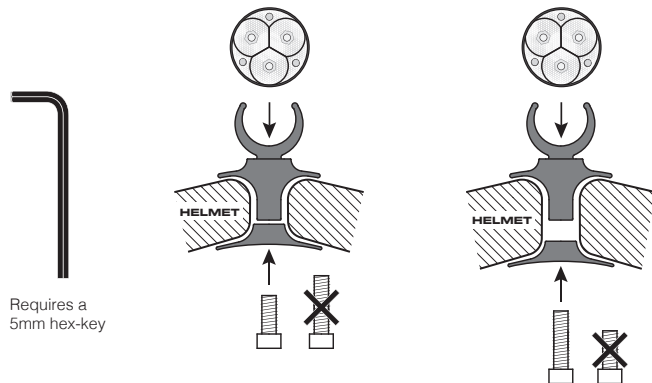


We recommend using your Sirius in DayBright mode during daylight hours for your safety. To activate DayBright your Sirius will need to be in Program 1 (see OMS section) and then activate Flash Mode (see above).



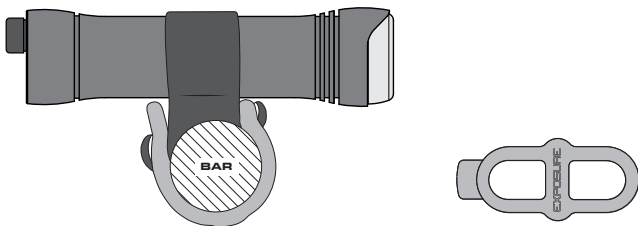
HELMET MOUNTING (NOT SIRIUS)

Try the short bolt first - if this isn't long enough use the longer bolt. **Do not over-tighten.**



NOTE: The angle of the light can be adjusted by rotating and tilting the ball joint.

HANDLEBAR MOUNTING



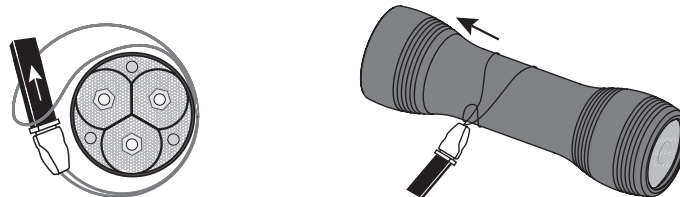
The shorter arm of the **QR Handlebar Mount** bracket faces the front. The tab-end of the silicone band fastens on the rear.

WARNING: Ensure that brake and other cables do not catch on the light or its bracket.

NOTE: This handlebar mount is not suitable for off road use. If you would like a handlebar bracket for off road use you will need the Exposure Handlebar Bracket Set, which is available from all good Exposure Stockists and www.exposurelights.com

LANYARD FITTING (NOT SIRIUS)

For added security attach the lanyard (where supplied) to the light and loop the lanyard through a vent in your helmet or around the handlebars.



WARNING: If looping around a handlebar be sure to do so enough times that the light cannot fall into the front wheel.

OPTIMISED MODE SELECTOR (OMS)



OMS allows you to select a run time tailored to your needs from several programs. Run time and lumen output are directly proportional, if you double the run time, you halve the lumen output. Etched onto the side of the light is a table showing the different modes and run times available within these different programs.

Your light will be in Program 1 from new.

To access the different programs, start with the light OFF.

Hold the Function Button down, the light will emit a set of flashes, keep the Function Button held down and the LED on the back of the light, and the light itself, will start to regularly flash.

For example, if you want to put your light in Program 4 then you release the Function Button after the fourth flash. The light will then remain in Program 4, regardless of if it is turned on or off, until it is reprogrammed.

PGM	ZENITH / AXIS			JOYSTICK			SIRIUS		
	MODE			MODE			MODE		
	H	M	L	H	M	L	H	M	L
1	1.5	3	6	1.5	4	10	1.5	4	10
2	2	6	12	3	10	24	3	10	24
3	3	10	24	4	12	36	4	12	36
4	1.5	3	-	1.5	4	-	1.5	4	-
5	2	6	-	3	10	-	3	10	-
6	3	10	-	4	12	-	4	12	-
7	10	24	SOS	10	24	SOS	10	24	SOS
8	1.5	5	24	-	-	-	-	-	-

NOTE: This information is etched onto the body of the light

PGM - Program, H - High, M - Medium, L - Low

PGM	DIABLO SYNC			DIABLO		
	MODE			MODE		
	H	M	L	H	M	L
1	User Program 1			1	3	6
2	User Program 2			2	6	12
3	0.75	2	4	3	10	24
4	2	6	12	1	3	-
5	3	10	24	2	6	-
6	0.75	-	2	3	10	-
7	2	-	6	10	24	SOS
8	10	24	SOS	1	5	24
9	Pairing Mode					

NOTE: This information is etched onto the body of the light

PGM - Program, H - High, M - Medium, L - Low

TAP ACTIVATED POWER (TAP) – ZENITH, DIABLO & AXIS (NOT DIABLO SYNC)



TAP allows the user to change the brightness mode of the light by tapping the body of the light, rather than using the Function Button.

There are three sensitivities of TAP, for user preference.

To activate TAP, or to change the sensitivity of TAP, you need to use access Program 9 using the Optimised Mode Selector (see OMS section).

When you release the Function Button the LED on the back of the light will be green for 2 seconds. Whilst it is lit tap the back portion of the light to change sensitivity.

1 tap: Most sensitive.

3 taps: Least sensitive.

2 taps: Medium sensitivity.

4 taps: Deactivate TAP.

WARNING: Only activate TAP when the light will be helmet mounted.

SMART PORT TECHNOLOGY+ (SPT+)



The Charge Port also functions as a 'Smart Port'.

SPT+ works as an output and allows the light to power ancillary Exposure accessories, such as the RedEye, whilst the light is on. SPT+ can also be used to turn your light into a power bank to charge your USB devices.

SPT+ will automatically activate when the light is on.

You can also use SPT+ when the light is off, but you will need to activate it. To activate SPT+ hold down the Function Button and immediately release when the light emits rapid flashes.

You can then charge your devices with the Exposure Boost Cables. However, please test your device before intended use as not all devices may be compatible.

To deactivate SPT+ simply turn the light on and off again.

NOTE: Ensure that SPT+ is deactivated before charging.

NOTE: We do not recommend charging devices whilst using your helmet light as the battery can drain considerably faster.

INTELLIGENT THERMAL MANAGEMENT (ITM)



Thermistors in the lights circuitry allow automatic temperature regulation, maintaining efficiency by minimising energy wasted as heat, to maximise brightness and runtime. This leads to a longer lifetime of the LEDs. When ITM is active the rear bi-colour LEDs will turn off until cooled; then the LED's will turn on and the higher output will be restored.