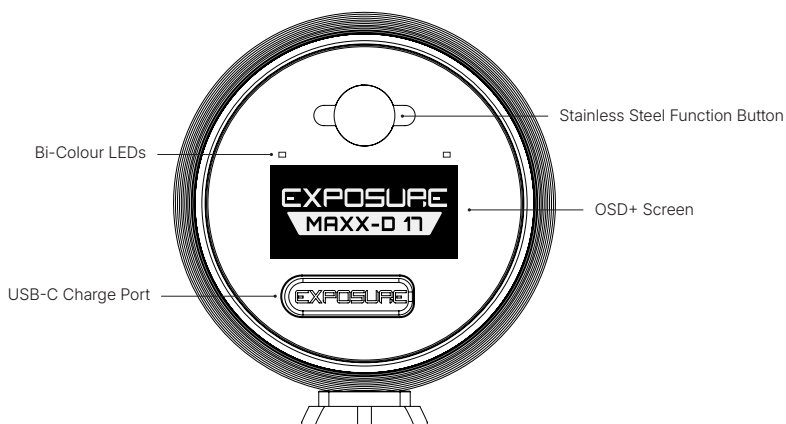


USER GUIDE

SIX PACK 15 · MAXX-D 17 · TORO 16 · RACE 19

EXPOSURE
LIGHTS

YOUR LIGHT

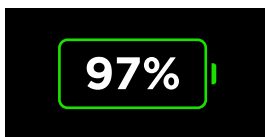


CHARGING

Fully charge your light before first use.

Locate the USB-C Storm Cap and remove from the USB-C Charge Port (lifting from the right). Fully insert a USB-C charging cable.

When the charger is plugged in the light will flash up with its charge percentage on the screen and the Bi-Colour LED will start flashing showing it is charging. The screen will go dark after a 3 second period but the Bi-Colour LEDs will pulse green throughout the charging period.



While the product is charging you can display the exact charge state on the screen by pressing the button once.

When charging is complete the Bi-Colour LEDs will stop flashing and show a solid green light.

Do not charge the light in an enclosed space or with the front of the light facing down.

SINGLE PRESS

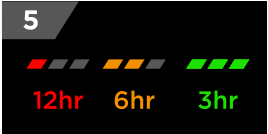
Located on the back of the light is the Stainless-Steel Function Button. A single press on this button will start the bellow sequence of graphics before turning off once again.

This gives you a quick rundown of the program the light is in and charge percentage in the following order:

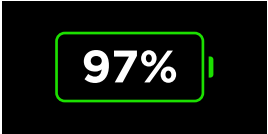
The Brand Name and Model:



The OMS program the product is in:



Then the battery percentage:



DOUBLE PRESS

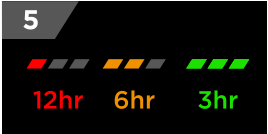
To turn the light on, press the Stainless-Steel Function Button twice in quick succession. The light will turn on in the last used setting.

The below procedure will come up on the screen

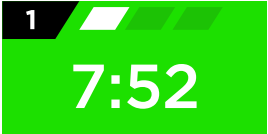
The Brand Name and Model:



The OMS program the product is set to (See "Optimised Mode Selector" section for more detail):



The OLED screen will then show the below screen for each setting:

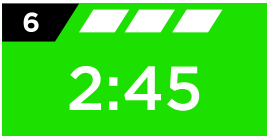


The large numbers shown are the estimated remaining burn time of the chosen setting in hours and minutes.

The number in the top left of the screen shows the program the product is set to.

The parallelograms on the screen shows what setting you are in. 1 white parallelogram signifies you are in the low mode and 3 white parallelograms signifies you are in the high mode. The background colour will initially correspond to this (Green = High, Amber = Medium, Red = Low):

HIGH Mode



MEDIUM Mode



LOW Mode



After 3 seconds the Bi-Colour LEDs and screen background colour will change to indicate the battery status of the light (See "Fuel Gauge" section for more detail)

To cycle through the high, medium and low modes with the light on, single press the function button. Each press will change to the next mode and the parallelograms, Bi-Colour LEDs and screen background colour will change accordingly for 3 seconds, after which the screen background and Bi-Colour LEDs will change back to indicate the battery state.

Please note that only programs 5 and 6 have a medium setting.

To turn the light off hold the function button down until the below screen is shown, and the light emits 2 flashes, release the function button.



FUEL GAUGE

The Fuel Gauge is implemented to give a simple, easy to evaluate, visual feedback of the remaining battery.

While the light is on, the Bi-Colour LEDs will change to indicate the remaining capacity of the battery as follows:

Bi-Colour LED Output	Battery Percentage
Green Solid	85% - 100%
Green Pulse	70% - 85%
Amber Solid	55% - 70%
Amber Pulse	40% - 55%
Red Solid	25% - 40%
Red Pulse	10% - 25%
Red Flash	0% - 10%

The screen background colour will also change from green to amber to red as the battery depletes.

The run time remaining in the selected mode is shown in minutes and hours on the OLED screen for more precise feedback.

FLASH MODE

To activate Flash Mode first the light needs to be ON.

While the light is on, hold the Stainless-Steel Function button down for 2 seconds, releasing whilst the following symbol is displayed on the back of the light:



The screen will then show the remaining runtime in the flash mode in minutes and hours and show the flash symbol in the top left corner.

Flash mode can be activated from any of the constant brightness settings.

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

The battery life from full is over 24 hours in flash mode. The brightness and burn time of the flashing mode does not change with OMS program selection (except for program 7 which has an SOS flash setting).

OPTIMISED MODE SELECTOR (OMS)

Optimised Mode Selector (OMS) allows you to select a burn time tailored to your needs from several programs. Burn time and lumen output are inversely proportional so doubling the burn time halves the lumen output.

Etched onto the casing of the light is a table showing the different modes and burn times available within the different programs.

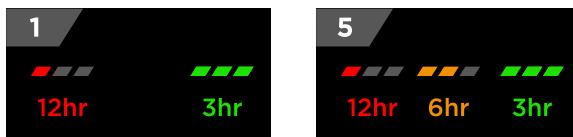
	H	M	L
1	R3		12
2	R6		24
3	R12		36
4	2		6
5	3	6	12
6	4	12	36
7	10	24	SOS

To access the different programs, start with the light turned off.

Press and hold the Function Button until you see the below symbol and then release the Function Button.



The OLED screen will then show the program number in the top left and the runtimes (from full) in the different modes:



To toggle through the OMS programs, while this screen is displayed, press the Function Button and the screen will scroll through the different programs with each press.

Once you are on the desired program wait 2 seconds and the screen will then display 'SET' to indicate the program has been selected.

You are now in this program until this process is repeated.

To quickly view the program the product is set to when the light is off press the Function Button once.

REFLEX 2.0

Reflex 2.0 technology uses thermistors, 3D gyros and 3D accelerometers built into the light to adapt the brightness automatically based upon air flow, gradient and cornering forces. This gives the light the ability to flare up for fast rough descents giving you more light when you need it most and then dim down for slow climbs, prolonging your burn time.

Reflex is in the high mode of the first 3 OMS programs. Reflex takes approximately 20 minutes of riding to calibrate to your style and then will remain in the light's memory for your next ride. If the riding conditions and style change it will recalibrate and adapt.

If the light is left stationary in the Reflex setting then the output will drop to a dim stand light in order to preserve the battery life. It will then brighten up as soon as the light senses movement.

NOTE: Do not use Reflex when riding on the road as the output can dazzle other road users.

INTELLIGENT THERMAL MANAGEMENT (ITM)

Thermistors in the light's circuitry allow automatic temperature regulation, maintaining efficiency by minimising energy wasted as heat and maximising brightness and burn time. This leads to a longer lifetime of the LEDs.

RESERVE

Reserve is a state the light will go into once your on-screen runtime completely runs out. The idea of reserve is to give you enough light to get home.

This Reserve mode will last for a minimum of 30 minutes and the light will run at around 10% power. The Bi-Colour LEDs will turn off and 'RESERVE' will be displayed on the screen. You cannot change the mode once in Reserve.

POWER BANK MODE

The light can be configured to work as a power bank and supply power to external devices vis the USB-C charge port.

To activate the Power Bank Mode, with the light off, press and continue to hold the Function Button down, releasing the button when the following Power Bank Mode symbol is displayed on the screen (after the OMS screen):



This graphic will stay on the screen for 2 seconds and the Bi-Colour LEDs will indicate green to show that it is set to Power Bank Mode.

Once this mode is entered it will stay in Power Bank Mode for 2 minutes. If a device is plugged in during this period the light will output power to charge the device.

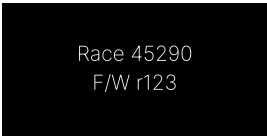
If a product is not plugged in or when the product being charged is unplugged for two minutes Power Bank Mode will be deactivated.

It can be deactivated manually by pressing and holding the button until the Power Bank Mode Symbol is displayed on the screen. The Bi-Colour LEDs will then show red to indicate that Power Bank Mode is deactivated.

Please note that Power Bank Mode can be used with the light on or off.

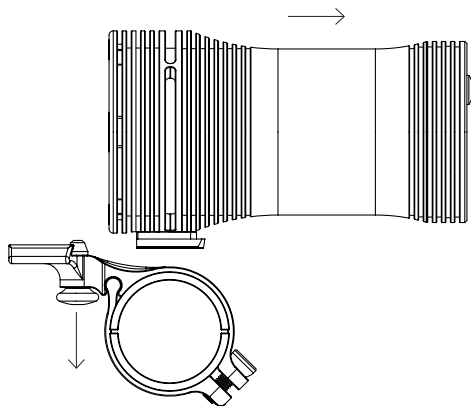
INFORMATION

To access the Information menu, press and hold the Function Button until the OLED screen shows the information symbol. Then release the Function Button. The Information page then shows the name, number and firmware version of the light:



OPERATING THE BRACKET

Located on the bottom of the bracket is a red button, pull this spring button down and slide the light backwards out of the bracket.

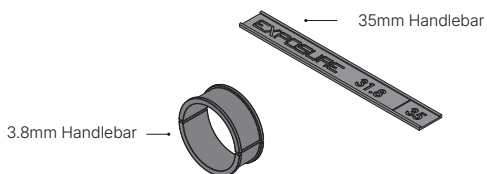


To reattach the bracket to the light, locate the cleat attached to the light slide this into the 'V' section of the bracket compressing the steel pin down. Once the full engagement is made the steel pin will snap into place securing the light and bracket together.

INSTALLING THE BRACKET

For ease of installation remove the light from the bracket. The bracket should be mounted as close to the stem as possible where the clamp is most effective.

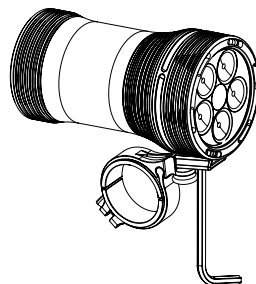
The handlebar bracket is designed for 35mm and 31.8mm handlebar diameters. For 35mm handlebars remove the black rubber shim.



If your bike has a 25.4mm diameter handlebar an appropriate shim can be purchased from exposurelights.com.

To adjust the horizontal angle of the light, loosen the cleat bolt through the hole in the bracket. Use an appropriately sized hex key to adjust the angle of the light then tighten the bolt securely (Maximum 5Nm).

Please check the light is fully secure before ever ride



⚠ WARNING! Risk of choking and strangulation – product contains small parts, cables and straps.

⚠ WARNING! Risk of Eye Damage – Do not stare directly into the beam or shine it directly into others' eyes. Intense light can damage your eyes or the eyes of those around you. Exposure's lamps are Photobiological Risk Category 2 (IEC62741).

⚠ WARNING! Adhere to waterproof rating limits of the product.

⚠ WARNING! Avoid strong impacts or drops. Inspect for damage before use.

⚠ WARNING! Do not try to disassemble or modify the product beyond the maintenance instructions. Any disassembly beyond what is in the maintenance instructions will void the warranty.

⚠ WARNING! LEDs can generate enough radiant heat to damage or melt some materials. Never place any material over the lamp when it is on. Do not leave the lamp lens/face down in any circumstances.

Battery – Rechargeable Lithium-Ion

⚠ WARNING! – Danger: there is a risk of batteries exploding and causing burns:

- Do not disassemble, crush, expose to high temperatures, or tamper with the battery
- Do not dispose of the battery in a fire.
- If a replaceable battery is damaged remove it and dispose of the battery in accordance with current local regulations.
- If a non-replaceable battery is damaged, do not attempt to dismantle. cease use of the product and contact the place of purchase.
- If the battery leaks, avoid any contact with the leaked substance. Seek medical advice if contact occurs.

Charging:

- Always ensure that the lamp is clean and dry before charging.
- Charge the battery fully before first use.
- Only use a CE/UL approved charger (double insulated against dangerous voltages). Do not leave the device unattended when charging.
- Do not charge the lamp with the lens face down.

Battery Life:

Battery life will depend on the temperature and environment the lamp has been used in.

- Most Exposure lamps have rechargeable, non-replaceable batteries, before you retire your product contact our service department to see if it can be repaired.
- For replaceable batteries follow the Digital User Guide on how to replace it, only use recommended spare batteries.
- Once your product comes to the end of its life, dispose of the device/batteries in accordance with current local regulations or contact our service department to recycle them.

MAINTENANCE

Cleaning, drying

Beware! Check and follow the waterproof rating of your product before continuing.

To clean your product, use a soft cloth to wipe it down with lukewarm soapy water (PH neutral, 30 °C maximum), avoid using chemicals, abrasives and pressure washers, remove excess water before leaving to dry away from direct sunlight or radiant heat.

After contact with saltwater, always rinse the device with fresh water and dry it.

Storage, Transport

Carry your product in a case to protect it.

Before long term storage:

- Ensure the device is fully charged (we recommend that when not in use for long periods of time the lights are topped up every 6-8 weeks)
- Ensure it is in a dry location, ideally between 20 and 25°C.

RESPONSIBILITIES

Ultimate Sports Engineering Ltd. is not responsible for the consequences, direct, indirect or accidental, or any other type of damage befalling or resulting from the use of its products.

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