USER MANUAL

OLIGHT

IN THE BOX

Table 1: Optic SPECIFICATIONS (Osight GN)

Mode			
Mode 12	395.3 μA		430.1 W
Mode 11	134.4 μA		1264.9 W
Mode 10	94.9 μA		1791.4 W
Mode 9	32.5 μA		3263.8 W
Mode 8	15.1 μA		11258.1 W
Mode 7	11.1 μA		15315.3 W
Mode 6	6.7 μA		25373.1 W
Mode 5	5.5 μA		30969.1 W
Mode 4	4.3 μA		39534.9 W
Mode 3	3.3 μA		48571.4 W
Mode 2	2.5 μA		65384.6 W
Mode 1	2.4 μA		70833.3 W
OFF	2.0 μA		0 W

SPECIFICATIONS (Osight RD)

Mode			
Mode 12	333 μA		510.5 W
Mode 11	141.2 μA		1204.0 W
Mode 10	94.6 μA		1797.0 W
Mode 9	52.6 μA		3231.9 W
Mode 8	18.5 μA		9189.2 W
Mode 7	14.6 μA		11643.8 W
Mode 6	6.6 μA		25737.6 W
Mode 5	5.0 μA		34000.0 W
Mode 4	4.2 μA		40476.2 W
Mode 3	3.2 μA		53125.0 W
Mode 2	2.5 μA		68000.0 W
Mode 1	2.4 μA		70833.3 W
OFF	2.0 μA		0 W

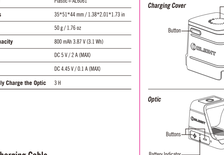
Table 2: Charging Cover

Main Body	Plastic (≈ 6.66L)
Dimensions	35*52*44 mm / 1.38*2.01*1.73 in
Weight	50 g / 1.76 oz
Battery Capacity	800 mAh 3.87 V (3.1 Wh)
Input	DC 5 V / 2 A (MAX)
Output	DC 4.45 V / 0.1 A (MAX)
Time to Fully Charge the Optic	3 H

USB-C Charging Cable

Charge Type	USB-C
Cable Length	0.8 m
Input	5 V / 2 A
Time to Fully Charge the Charging Cover	3 H (Requiring a 5 V / 2 A (10 W) power source. When the power source capacity is insufficient, the charging time will be longer.)

Figure 1: Product Overview



Light sensor technology is used to detect ambient light intensity and automatically change the LED brightness

Figure 2: Charge the Charging Cover

Figure 3: Charge the Optic With the Cover

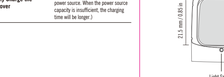


Figure 12: Zero Setting

Optic Operation Instructions Figure 4: Manual On

Figure 5: Manual Off

Figure 6: Motion Sensor Function On/Off

The optic will automatically turn off after 10 minutes of inactivity.

Figure 7: Brightness Adjustment (Manual Mode)

Figure 8: Mode Switching

Figure 9: Energy-Saving Function

The article turns off when the cover is placed over the optic. It will be automatically activated when the cover is taken off. (Only the optic can't be activated when the optic is turned off manually).

Figure 10: Battery Indicators

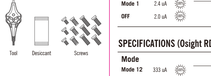


Figure 11: How to Install

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1. Product overview, See Figure 1.
2. Important instructions are as follows:
4. Charging:
Charge first using the charging cover and optic fully.
4.1 Charge the charging cover, see Figure 2.
Charge the charging cover with the USB-C cable.
The battery icon of the cover's battery indicator flashes for 5 seconds and then turns off, indicating that the cover is being charged. The battery icon is constantly on for 5 seconds and then turns off, indicating that the cover is fully charged.
4.2 Charge the optic, see Figure 3.
Place the charging cover over the optic to charge it.
The battery icon flashes for 5 seconds and then turns off, indicating that the optic is being charged; the battery icon is constantly on for 5 seconds and then turns off, indicating that the optic is fully charged.
5. Optic operating instructions;
5.1 Turn on, see Figure 4.
Manual on: Press any button to turn the optic on.
Auto on: When the motion sensor function is enabled, the optic will automatically turn on upon detecting any movement in the range.
Manual off: Press the "+" and "-" buttons simultaneously for over 0.5 seconds to turn the optic off.
Auto off: When the motion sensor function is enabled, the optic will automatically turn off after no motion for 10 minutes.
5.2 Motion sensor function, see Figure 6.
The motion sensor function has been enabled by default.
When the optic is on, double press and hold the "-" button for over 3 seconds to enable or disable this function.
When the function is enabled, the reticle flashes once.
When the function is disabled, the reticle flashes twice.
The optic is manually off or in the Lockout Mode, the function is temporarily disabled; the function is restored if the optic is manually on or exits the Lockout Mode.
5.4 Operation modes, see Figure 7.
Manual Mode: The Manual Mode has been set by default.
In Manual Mode, there are 12 brightness levels. Levels 1 and 2 are night vision levels, while levels 3 to 12 are for daytime use, with level 12 being the brightest.
Press the "+" button to increase brightness and the "-" button to decrease brightness.
Lockout Mode: All button operations except for shutdown and switching to Auto Sensing Mode are disabled.
Auto Sensing Mode: In Auto Sensing Mode, the reticle brightness adjusts automatically based on the ambient light conditions.
5.5 Mode and brightness memory function;
If the optic turns off in Manual Mode, it will remain in Manual Mode upon restart, and the reticle brightness will be the last used brightness.
If the optic turns off in Lockout Mode, it will default to exiting Lockout Mode and switching to Manual Mode upon restart, and the reticle brightness will be the last used brightness.
If the optic turns off in Auto Sensing Mode, it will remain in Auto Sensing Mode upon restart.
6. Charging cover operating instructions;
6.1 Energy-saving function, see Figure 9;
If the reticle turns off to save power when the cover is placed over the optic, it will be automatically activated when the cover is removed.
7. Switch to a recommended mode;
7.1 Battery indicator, see Figure 10;
If the reticle turns off to save power when the cover is placed over the optic, it will be automatically activated when the cover is removed.
7.2 Charge the optic, see Figure 3;
Place the charging cover over the optic to charge it.
The battery icon flashes for 5 seconds and then turns off, indicating that the optic is being charged; the battery icon is constantly on for 5 seconds and then turns off, indicating that the optic is fully charged.
7.3 Optic operating instructions;
7.3.1 Turn on, see Figure 4;
Manual on: Press any button to turn the optic on.
7.3.2 Motion sensor function, see Figure 6;
Auto off: When the motion sensor function is enabled, the optic will automatically turn off after no motion for 10 minutes.
7.3.3 Motion sensor function, see Figure 6;
The motion sensor function has been enabled by default.
When the optic is on, double press and hold the "-" button for over 3 seconds to enable or disable this function.
When the function is enabled, the reticle flashes once.
When the function is disabled, the reticle flashes twice.
The optic is manually off or in the Lockout Mode, the function is temporarily disabled; the function is restored if the optic is manually on or exits the Lockout Mode.
7.3.4 Operation modes, see Figure 7;
Manual Mode: The Manual Mode has been set by default.
In Manual Mode, there are 12 brightness levels. Levels 1 and 2 are night vision levels, while levels 3 to 12 are for daytime use, with level 12 being the brightest.
Press the "+" button to increase brightness and the "-" button to decrease brightness.
Lockout Mode: All button operations except for shutdown and switching to Auto Sensing Mode are disabled.
Auto Sensing Mode: In Auto Sensing Mode, the reticle brightness adjusts automatically based on the ambient light conditions.
7.3.5 Mode and brightness memory function;
When the optic is on, press and hold the "+" button for over 3 seconds to switch modes. The modes cycle through Manual -> Lockout -> Auto Sensing -> Manual.
The reticle flashes once to indicate a switch to Manual Mode (all the brightness of level 3 and remains at this brightness).
The reticle will flash twice to indicate a switch to Lockout Mode (all the current brightness).
The reticle will flash thrice to indicate a switch to Auto Sensing Mode (all the brightness used in Lockout Mode).
8. Lockout;
8.1 Manual lockout, see Figure 8;
Manual lockout: Quickly press the "-" button 5 times, and the reticle will flash twice to indicate the lockout is enabled.
8.2 Unlock manual lockout, see Figure 8;
Quickly press the "-" button 5 times, and the reticle will flash twice to indicate the lockout is disabled.
8.3 Auto lockout, see Figure 8;
Lockout Mode: All button operations are disabled.
Auto Sensing Mode: In Auto Sensing Mode, the reticle brightness adjusts automatically based on the ambient light conditions.
9. Battery;
9.1 Battery life, see Figure 10;
Green: 50%-100%
Yellow: 20%-50%
Red: 0%-20%
Blink Red: < 10%
9.2 Battery indicator, see Figure 10;
9.3 Battery indicator when on optic;
Drop on optic: When the cover is placed on the optic, the battery indicator will flash twice.
9.4 Battery indicator when on cover;
Drop on cover: When the cover is placed on the optic, the battery indicator will flash twice.
9.5 Battery indicator when charging;
Flash once: Manual Mode
Flash twice: Lockout Mode
Flash thrice: Auto Sensing Mode
9.6 Battery indicator when fully charged;
Flash once: Manual Mode
Flash twice: Lockout Mode
Flash thrice: Auto Sensing Mode
9.7 Battery indicator when low power;
9.8 Battery indicator when low power;
9.9 Battery indicator when low power;
9.10 Battery indicator when low power;
9.11 Battery indicator when low power;
9.12 Battery indicator when low power;
9.13 Battery indicator when low power;
9.14 Battery indicator when low power;
9.15 Battery indicator when low power;