



BYRNA LASER



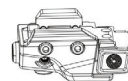
USER MANUAL | Model 9118

SPECIFICATIONS

- The laser beam level is Class 3R, obeying IEC 60825-1 standard requirement Class 3A according to 21 CFR Chapter I Subchapter J, CFR 1040.10 and 1040.11).
- The tests are performed when the battery is fully charged.

MODEL NO.	9118				
Laser Type	Red	Green	Blue	IR	Purple
Wavelength	650nm	520nm	450nm	850nm	405nm
Laser Power	Class 3A, 3mw				
Laser Beam Distance (max)	200m in Daylight, 2000mm in the Dark				
Run Time	Red/IR Laser 160 min., Green, Blue/Purple Laser, 45 min.				
Battery	Built-In Rechargeable Li-Polymer Battery				
Dimensions	1.8 (L), *1.1 (W), *0.9 (H) / Inch				
Net Weight	28.5g				
Charging Time	2 hrs.				
Waterproof	IPX6				

INSIDE THE BOX:



Laser

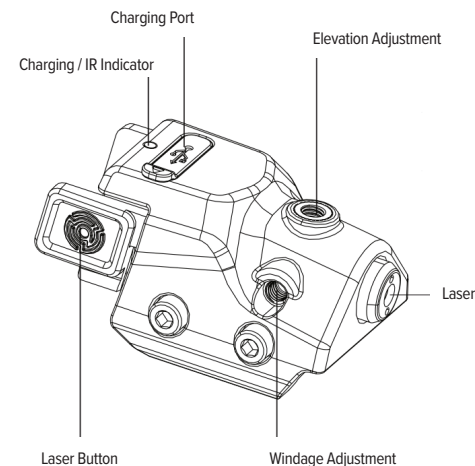


Charging Cable



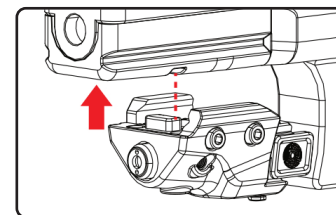
Allen Wrenches

PRODUCT OVERVIEW

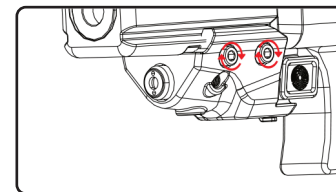


MOUNTING / REMOVAL PROCEDURE

1. Loosen the mounting screws and push the plate outwards, the rail system will be extended, fix the notch into the rail's groove.



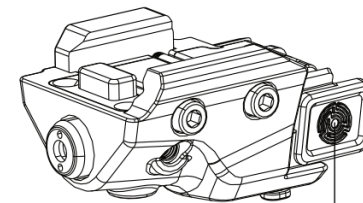
2. Tighten the screws to finish the installation.



OPERATION

The unit has three modes:
Constant On, Momentary On, and Strobe.

- Single press either switch to turn the unit "on" or "off."
- Single press and hold either switch for momentary activation of the unit, the unit will turn off when the switch is released.
- Double press either switch very rapidly to enter strobe mode, and single press either switch to turn it off.

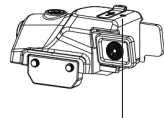


Laser Button

BATTERY CHARGING AND INDICATOR

The indicator has 3 colors: Red/Yellow/Green, which indicate the battery level and working status:

- Battery level: Green = 70~100%, Yellow = 35~70%, and Red = 0~35%.
- Click either switch, the indicator will be on for three seconds to show the battery level.
- For the IR version, when the unit is switched on, the indicator will stay on for three seconds to show the battery level, and will then remain red.



Charging Indicator
(IR working indicator)

FAST CHARGE ADAPTOR MAY NOT WORK!

Use the included USB cable to plug into a 5V power source such as a small Apple charger, or a computer USB port. This product doesn't support fast charge.

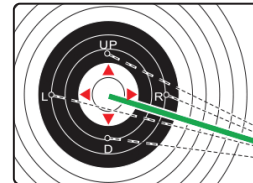


1. Take out the charging cable, connect the USB end to an external USB power source (such as computer/laptop USB ports, phone/tablet chargers, car chargers, etc.), then plug another end into the charging port of the laser.

2. The charging time is about 2 hours. The indicator light will turn green when fully charged.

3. Note: Because some power-banks are equipped with overcharge protection. It's normal that the charging indicator turns off instead of green when fully charged by some power banks.

BEAM CALIBRATION

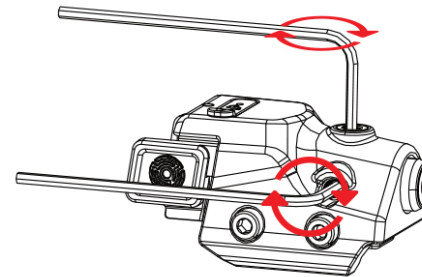


For lasers mounted below or to the side of the bore, there is only one distance where the path will coincide with the laser line; the "zero range." Laser adjustment and velocity determine where this point occurs.

The user must decide how high above or below the laser line to strike, and adjust the laser accordingly. At distances less than the zero range, the strike point will be above it.

Beyond the zero range, the strike point will be below the laser line. If mounted to the side, the strike point will also deviate to the side of the laser line, as well as up and down. In practice, a laser can be adjusted to keep the strike point within about 2" high and 2" low, to about 100 ft.

There are two adjustment screws located on the left side, and bottom, of the laser. Turn the set-screws clockwise or counterclockwise to move the laser dot down and up, or left and right. Move the laser dot in the direction of the strike point. For example, if striking low and right, move the laser dot down and right to coincide with the strike point.



WARNING!

Please **slowly** turn windage and elevation adjustment screws, turning too far may lock or damage the threads. Turn the screws two rotations in one direction maximum.

When making large adjustments there may be an interaction that causes the laser to move diagonally or bind. It may become necessary to rotate the opposing adjustment screw counterclockwise to allow the laser to move to the desired position.

WARNING!: POINTING THE LASER DIRECTLY AT THE EYES OR SKIN CAN CAUSE BLINDNESS AND/OR SEVERE BURNS.

WARRANTY

Within 1 year of purchase, any defective product will be offered a free repair or replacement by Byrna or its distributors unconditionally. This warranty does not cover normal wear and tear, modifications, misuse, disintegration, negligence, accidents, maintenance, or repair by anyone other than an authorized retailer or Byrna. For more support, please contact us via email at: info@byrna.com

WARNING!

- **DO NOT ATTEMPT TO REMOVE THE BATTERY.**
- Do not dismantle, open, or shred secondary cells or batteries.
- Do not expose device and batteries to heat or fire.
- Do not short-circuit a cell or a battery.
- Only recycle the device properly.
- **NEVER** look directly into the laser beam.
- **NEVER** point the laser at aircraft or vehicles.
- Children need adult supervision with the device.
- Avoid direct eye exposure. The laser beam can cause permanent eye injury. Do not point the laser at people, animals, vehicles, or reflective surfaces. Misuse of this product may result in injury or violate federal, state, or local laws.
- Do not expose to temperatures above 60°C (140°F).
- In the event of a leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- **WARNING: LITHIUM BATTERIES-FORBIDDEN FOR TRANSPORT AIRCRAFT.**
- **WARNING: INGESTION HAZARD:** Death or serious injury can occur if ingested.
- **WARNING:** This package contains Li-Polymer batterie(s). This package must be handled with care. A flammable hazard may exist if the package is damaged. Special procedures must be followed if the package is damaged, including inspection and repacking if necessary. Damaged cells or batteries should not be transported except under appropriate conditions
- **WARNING: LITHIUM ION BATTERIES PACKAGED WITH EQUIPMENT (BUILT IN)**
- **WARNING:** This product can expose you to chemicals, which are known to the State of California to cause cancer, and, which are known to cause birth defects or other reproductive harm. For more information visit www.P65Warnings.ca.gov.

