



Z-BOLT®

Product Design & Specifications

The professional choice in premium laser products

Z-Bolt® Sapphire Galaxy (BX-5)

Extreme Duty Blue Laser Pointer

Blue - 450nm (Sapphire Series)

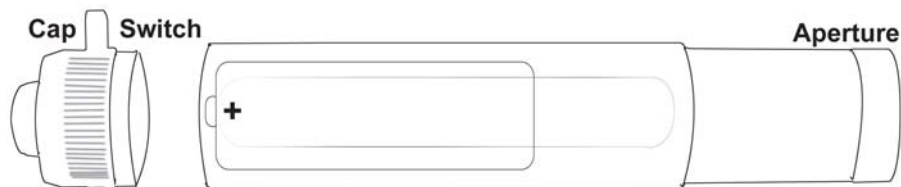


Design & Operation

The Z-Bolt® Sapphire Galaxy (BX-5) is built for extreme duty. The laser diode and battery compartment are protected by double o-ring seals; circuit board is encased (epoxy resin) in a protective collar to prevent damage by vibration, accidental dropping, etc. Water & dust proof; shock & vibration resistant; rugged & reliable. The Sapphire Galaxy is the product of new design technologies and manufacturing efficiencies. Z-Bolt® Sapphire Series laser pointers are fabricated with InGaN semiconductors, which emit blue laser light without frequency-doubling. Blue laser is eye safe - ANSI Class 3R and FDA Class IIIa. The BX-5 is constructed of aircraft grade anodized aluminum, and includes a glass lens for superior laser performance. Ships with rope lanyard and black nylon belt carry pouch for field use, transport, & stowage.

To Operate: Insert 1 pc CR123A battery as shown in diagram. Screw on end cap switch clockwise and secure tightly. Laser power is actuated by pushing button on/off. When storing, traveling, or placing in pouch during field use, twist end cap 1/4 turn counter clockwise - power switch will be locked out (deactivated) to prohibit accidental battery drain.

Batteries



Remove Cap. Insert CR123A or equivalent with (+) Tip toward cap. Replace Cap. Do not attempt to remove aperture; voids warranty.

Box Contents - Features

- Battery Life - Six (6) Hours Constant On Operation
- Diode Type - InGaN Semiconductor
- Nylon Belt Carry Pouch (MOLLE Style)
- Power Source - 1 pc CR123A Lithium
- Water Proof to 3 Meters for 1 Hour
- User Guide & Specification Card
- Constant On/Off Click Switch
- Nylon Rope Lanyard

Laser Specifications

- Length 5.0 in. x Diameter 1 in. (127 mm x 25 mm)
- Wavelength (Color) - 450 nm (Sapphire Blue)
- Diode Type - InGaN Semiconductor
- Diode Operating Life - 3,000 to 5,000 hours
- Output Power - 3.0 ~ 5.0 mW
- Range (Night) - 2 Miles
- FDA Safety Class - IIIa
- ANSI Safety Class - 3R
- Warranty - 1 Year

Z-Bolt.com/Guides