



# Product Design & Specifications

The professional choice in premium laser products

BTG-7

BTG-7B-HE (Engraved - Wood Case)

Red & Green Laser Pointer - Engraved

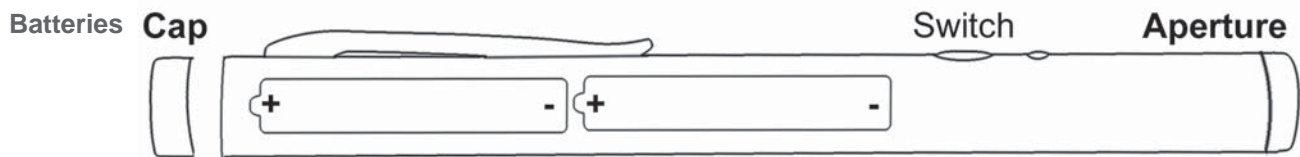
Green - 532nm (Emerald Series)



## Design & Operation

The Z-Bolt® TwoBeam (BTG-7) is dual use, and includes not one (1) but two (2) laser pointer diodes. Choose red or green laser output - includes LED power on indicator. This dual function pointer comes nicely finished in jet black - engraves vibrant gold. Guaranteed Z-Bolt® Certified Power for the brightest possible daylight dot; most visible nighttime beam. Each Z-Bolt® Certified Power green laser pointer is factory tuned and tested on a laser power meter. These Certified Power units are rated at 4.0 to 5.0 mW power output and are 2 to 3 times brighter than standard Class IIIa units. Ships with Laser Power Output Certificate. 5 mile visible beam (Green Laser at Night) 2 pcs AAA batteries; free lanyard & accessory end cap. Includes deluxe felt & satin lined stained hardwood carry & gift case.

The computerized APC diode drive circuit in the green laser module features "Automatic Power Control". The APC circuit is based on a photo diode feedback loop. The photo diode monitors the optical output and provides a control signal for the laser diode, helping to maintain the diode operation at a constant optical output level. The circuit adds to the lifetime of the laser, prevents overheating, and provides overall power output stability & efficiency.



Remove Cap Switch. Insert two AAA batteries (+) Tip toward cap. Replace Cap. Do not attempt to remove aperture; voids warranty.

## Box Contents - Features

- 98% IR Filtering & Glass Focusing Lens (Not Plastic)
- Two Buttons, Two Beams, Same Aperture
- Stained Hardwood Travel & Carry Case
- Jet Black Finish - Engraves Gold
- Special Design APC Control Circuit
- Power Source - 2 pcs AAA Alkaline
- 36" Green Nylon Z-Bolt® Lanyard
- User Guide & Specification Card
- Laser Power Output Certificate
- Accessory End Cap & Ring

## Laser Specifications

- Length 6.20 in. x Diameter 0.51 in. (157 mm x 13 mm)
- Wavelength (Color) - 532 nm (Green) 635nm (Red)
- Output Power - Z-Bolt® Certified 4.0~5.0 mW (Green)
- Diode Operating Life - 3,000 to 5,000 hours
- Diode Circuit Type - Computerized APC
- Beam Diameter at Source - 1.1 mm
- Output Mode - Constant Wave
- Range ( Night ) - 5 Miles
- FDA Safety Class - IIIa
- ANSI Safety Class - 3R
- Warranty - 1 Year

Z-Bolt.com/Guides