



Z-BOLT®

Product Design & Specifications

The professional choice in premium laser products

ASTRO-10

Astronomy Green Laser Pointer

532nm (Emerald Series)

ASTRO-10-Black

ASTRO-10-Silver



Design & Operation

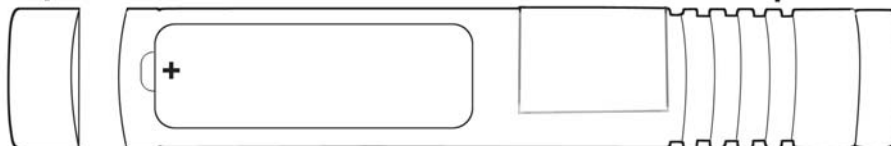
The ASTRO-10 green laser pointer is constructed of high quality anodized aluminum and includes an IR filter and glass lens for superior laser performance. Guaranteed Z-Bolt® Certified Power for the brightest possible daylight dot; most visible nighttime beam. Each Z-Bolt® Certified Power green laser 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. Satin lined carry & gift case; nylon belt carry pouch included. Choice of two (2) tube finishes. Constant on/off click switch; telescope mountable; add Z-Bolt® cable switches for remote activation. 5 mile visible beam (Night) and superior cold weather operation with lithium battery.

The ASTRO-10 also includes our special APC control circuit for power output stability. The computerized APC diode drive circuit 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.

Batteries

Cap Switch

Aperture



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

Box Contents - Features

- 98% IR Filtering & Glass Focusing Lens (Not Plastic)
- Superior Cold Weather Performance - Battery Life
- Battery Life - Six (6) Hours Constant On Operation
- Computerized APC Diode Control Circuit
- Nylon Belt Carry Pouch (MOLLE Style)
- Choice of Silver or Jet Black Finish
- User Guide & Specification Card
- Laser Power Output Certificate
- Constant On/Off Click Switch
- Satin Lined Carry Case

Laser Specifications

- Length 4.65 in. x Diameter 0.75 in. (118 mm x 19 mm)
- Wavelength (Color) - 532 nm (Emerald Green)
- Output Power - Z-Bolt® Certified 4.0~5.0 mW
- 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

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