



# Product Design & Specifications

The professional choice in premium laser products

MBP-5

Military Pride Green Laser Pointers

532nm - Green (Emerald Series)

- MBP-5-ARMY (Army)
- MBP-5-USAF (Air Force)
- MBP-5-USMC (Marines)
- MBP-5-NAVY (Navy)

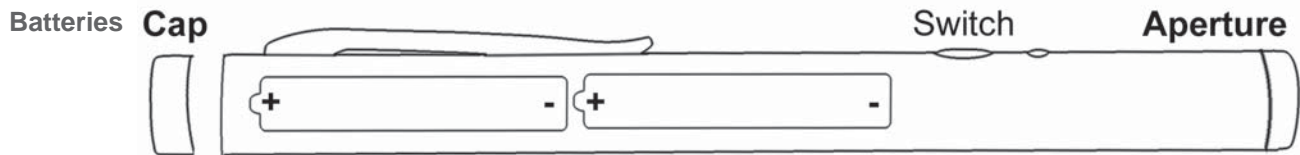


## Design & Operation

Z-Bolt® MBP-5 Military Pride Green Laser Briefing Pointers feature our proprietary design "Double Tap" APC control circuit for added function and power output stability (see below). Operate in two (2) modes - hold down thumb for momentary push button activation; "Double Tap" for constant on use.

USMC, USAF, ARMY, or NAVY Service Branch designs on laser tube and clips. Ships in complimentary satin and black felt lined travel & carry case. Includes green nylon Z-Bolt® lanyard, special accessory end cap with lanyard loop ring. The MBP-5 is constructed of high quality brass and includes IR filter and glass lens for superior laser performance.

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.



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)
- Special Design "Double Tap" APC Control Circuit
- USMC, USAF, ARMY, NAVY Service Branches
- Power Source - 2 pcs AAA Alkaline
- User Guide & Specification Card
- Satin & Felt Lined Carry Case
- Accessory End Cap & Ring
- 36" Z-Bolt® Lanyard

## Laser Specifications

- Length 5.70 in. x Diameter 0.51 in. ( 144 mm x 13 mm )
- Wavelength (Color) - 532 nm (Emerald Green)
- Output Power - Z-Bolt® "plus" 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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