

COMP SERIES

AIMPOINT® COMPM4



AIMPOINT® COMPM4

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|------------------------------------|---|
| Item No. | 11972 |
| Aiming dot size | 2 MOA |
| Battery type | AA size battery, (rechargeable 1.2 V), alkaline/lithium 1.5 V or lithium 3-3.7 V (acceptable voltage 1.2-5 V) |
| Battery life - Day time use | 80 000 h continuous (pos. 12 of 16). Responds to >500 000 hours at NVD setting (pos. 4) |

OVERVIEW

The Aimpoint® CompM4 sight, with high battery compartment, belongs to the CompM4 series of sights which are the finest sights Aimpoint has ever produced. Improvements include advanced energy efficiency that provides up to 8 years of continuous use from a single AA battery!

The first Aimpoint Comp sight came out in 1995 and today there are more than 1 million sights from the Comp series in use worldwide. All Comp sights are soldier-tested and combat-proven, in other words they are extremely robust high quality products.

The Aimpoint® CompM4 series of sights are the toughest sights that Aimpoint has ever produced and they are the standard infantry soldier sight in many NATO countries. These optics are extremely rugged and operate continuously for up to 8 years using a single AA battery. The competition is not even close. The Aimpoint CompM4s is the latest version of the U.S. Army's M68CCO (Close-Combat Optic), continuing a legacy that Aimpoint has maintained since 1997.

The CompM4 has a top-mounted battery compartment while the CompM4s has a low battery compartment.

COMPLETE AND READY TO MOUNT

The standard configuration of the CompM4 series of sights contains the sight (CompM4 or CompM4s), a QRP2 mount and a standard AR15 spacer. These sights also come equipped with a killFlash® anti-reflection device and bikini rubber lens covers.

CUSTOMIZE YOUR SIGHT

CompM4 and CompM4s sights can be customized according to your preferences and needs. Both the standard mount and spacer can be changed to meet the demands of your specific mission and equipment.

Launched 2007.

UNIQUE FEATURES

- High battery compartment
- Compatible with every generation of NVD
- ACET technology allows up to 80 000 hours (over 8 years) of daytime operation on one AA battery
- Internal voltage regulator allows the CompM4 to be used with any AA size battery
- 7 NVD settings and 9 daylight settings
- QRP2 mount has twice the clamping force of the original QRP, and the mounting knob is wider and shorter to improve operation and lower the risk of snagging on other gear
- Mount base is keyed in to the body of the sight to absorb recoil
- Mount base screws directly in to the sight – no separate sight ring required.
- 500 000 hours of use on NVD settings
- 2 MOA dot for close combat and long distance engagement
- Matches perfectly with Aimpoint® 3XMag-1
- Excellent light transmission
- Front lens opening is threaded for addition of killFlash® anti-reflective device
- Submersible to 150 feet (45 meters)
- Vertical spacer included
- CompM4s is type classified as the U.S. Army's M68CCO
- Improved adjustment caps are easier to remove and protected against impact
- Can be used with a carry handle adapter for use on all M16 rifles
- Mechanical switch for speed and reliability

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AIMPOINT® COMPM4

TECHNICAL SPECIFICATIONS

| GENERAL SPECIFICATIONS | POWER SOURCE | ENVIRONMENTAL SPECIFICATIONS |
|--|--|---|
| Item No.: 11972 | Battery type: AA size battery, (rechargeable 1.2 V), alkaline/lithium 1.5 V or lithium 3-3.7 V (acceptable voltage 1.2-5 V) | Temperature range operation: -45°C to +71°C (-49°F to +160°F) |
| OPTICAL SPECIFICATIONS | Battery life - Day time use: 80 000 h continuous (pos. 12 of 16). Responds to >500 000 hours at NVD setting (pos. 4) | Temperature range storage: -51°C to +71°C (-60°F to +160°F) |
| Operating principle: Reflex Collimator sight with LED | Power intensity: 7 NVD and 9 Daylight, of which 1 extra bright | Temperature shock: Operable after a temperature shock between -45°C and +71°C (-49°F and +160°F) |
| Optical magnification: 1x | | Humidity: Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic |
| Aiming dot size: 2 MOA | | Submersible: To a depth of 45 m (150 ft.) |
| Dot intensity: Visible against a background luminance of 0.1 to 55 000 lx | PHYSICAL SPECIFICATIONS | Shock: Withstands shock. Limits: X-axis: 500 g, 0.7 - 1.1 ms (3 shocks), Y-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction, Z-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction). |
| Optical signature: No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD | Length sight only: 120 mm (4.7 in) | Vibration: Withstands Vibration. Limits: Vibration, sinusoidal in a frequency range of 10-150 Hz. Frequency: 10-30 Hz, ±1.587 mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min. Direction: X, Y and Z, Time: 30 min/direction. |
| Dot color: Peak Wavelength: 655 ± 15 nm | Length conf: 135 mm (5.3 in) | Chemical resistance: Withstands occasional contamination by weapons cleaners, lubricants, fuels and insect repellents. |
| NVD compatible: Yes | Width sight only: 72 mm (2.8 in) | |
| Optical coating: Anti-reflex, all surfaces and high transmission. NVD-Compatible. | Height sight only: 60 mm (2.4 in) | |
| Clear aperture: 23 mm (.9 in) | Height conf: 72 mm (2.8 in) | |
| Eye relief: Unlimited | Weight sight only (incl battery): 268 g (9.4 oz) | |
| | Weight conf: 376 g (13.3 oz) incl. Lens Covers, Kill-Flash, Mount, and Spacer | |
| | Housing material: High strength aluminum | |
| | Housing finish and color: Matte black | |
| | Housing anodized: Yes | |
| | Material mount and spacer std conf: High strength aluminum | |
| | Surface treatment: Hard anodized, matte | |
| | Height of optical axis - sight and mount: 30 mm (1.2 in) over top surface of Picatinny/Weaver Rail | |
| | Height of optical axis - sight, mount and low spacer: 39 mm (1.5 in) over top surface of Picatinny/Weaver Rail | |
| | Adjustment: Range ±2 m at 100 meters (±2 vds at 100 vds) in windage and | |