

ACRO SERIES

AIMPOINT® ACRO P-1



AIMPOINT® ACRO P-1

Item No.	200504
Aiming dot size	3.5 MOA
Battery type	3V lithium battery, type CR1225
Battery life - Day time use	1.5 years (15 000h) of continuous use at pos. 6 and more than 8 years at NVD-setting

OVERVIEW

The Aimpoint® Acro P-1 is developed for use on pistols and other weapon platforms requiring a small enclosed red dot system. It is the only sight in its size category fully tested for shock, vibration, temperature span and other environmental stress.

The Acro P-1 is the smallest enclosed system on the market.

Tested with 20,000 rounds on a .40 S&W caliber pistol slide, this small optic has proven to lead in ruggedness and reliability in its category. The Acro P-1 can be used as a backup sight for magnifying scopes, personal defense weapons, and any area where a small red dot system is applicable.

Launched 2018.

A VARIETY OF MOUNTING SOLUTIONS AVAILABLE

The Acro P-1 can be used on a wide range of weapon platforms in combination with different mounting solutions developed especially for this small red dot optic.

The now available solutions are:

- quick detachable mounts for weaver and picaninny rail,
- a wide range of different adapter plates for optic ready pistols,
- and an adapter plate for Micro interface that allows compatibility with all Micro sights mounting solutions.

UNIQUE FEATURES

- Optimized for pistol and applications which require a low profile red dot system
- The only fully enclosed system in its size on the market
- Designed for direct integration onto optic ready pistol slides
- 1.5 years battery operation on position 6 of 10
- Battery installation while optic is still mounted on weapon
- 3.5 MOA
- NVD compatible
- Submersible to a depth of 25 m (82 ft)
- Temperature span -45°C to +71°C (-49°F to +160°F)

Examples of Acro series mounts and adapter plates:

- *Acro QD Mount 22 mm, item no. 200517*
- *Acro QD Mount 30 mm, item no. 200518*
- *Acro QD Mount 39 mm, item no. 200519*
- *Acro Adapter Plate for Micro Interface, item no. 200526*
- *Acro Adapter Plate for Glock MOS, item no. 200520*
- *Acro Adapter Plate for HK SFP9, item no. 200521*
- *Acro Adapter Plate for CZ P-10 C OR, item no. 200522*
- *Acro Adapter Plate for Beretta APX, item no. 200524*
- *Acro Adapter Plate for Sig Sauer P320/M17, item no. 200525*
- *Acro Adapter Plate for Sig Sauer X-Five, item no. 200576*
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TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS
Item No.: 200504

OPTICAL SPECIFICATIONS
Operating principle: Reflex collimator sight with LED
Optical magnification: 1x
Aiming dot size: 3.5 MOA
Dot intensity: Visible against a background luminance of 0.1 to 55 000 lx
Optical signature: No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD
Dot color: Peak Wavelength: 655 ± 15 nm
NVD compatible: Yes
Optical coating: Anti-reflex, all surfaces and multi-layer. NVD-Compatible
Clear aperture: 16 × 16 mm (0.63 × 0.63 in)
Eye relief: Unlimited

POWER SOURCE
Battery type: 3V lithium battery, type CR1225
Battery life - Day time use: 1.5 years (15 000h) of continuous use at pos. 6 and more than 8 years at NVD-setting
Power intensity: 4 NVD and 6 Daylight, of which 1 extra bright

PHYSICAL SPECIFICATIONS
Length sight only: 47 mm (1.9 in)
Width sight only: 30 mm (1.2 in)
Height sight only: 30 mm (1.2 in)
Weight sight only (incl battery): 60 g (2.1 oz)
Housing material: High Strength Aluminum
Housing finish and color: Matte black
Housing anodized: Yes
Surface treatment: Anodized, matte black
Adjustment: Range ±1 m at 100 meters (±1 yds at 100 yds) in windage and elevation, 1 click = 17 mm at 100 meters = .6 in at 100 yds

ENVIRONMENTAL SPECIFICATIONS
Temperature range operation: -45°C to +71°C (-49°F to +160°F)
Temperature range storage: -51°C to +71°C (-60°F to +160°F)
Temperature shock: Operable after a temperature shock between -45°C and +71°C. (-49°F and +160°F)
Humidity: Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic
Submersible: To a depth of 25 m (82 ft.)
Shock: Tested with 20,000 rounds on a .40 S&W caliber pistol slide
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