



Acro C-1™

3.5 MOA - Red Dot Reflex Sight
with Integrated Acro™ Interface

- 3.5 MOA dot size
- 15,000 hours (over 1.5 years) of constant operation
- 2 night vision compatible settings and 8 daylight settings
- Weight 60 g (2.1 oz) sight only
- Submersible to 5 meters (15 feet)
- Height of Optical Axis 14 mm (0.6 in) measured from top surface of mechanical interface
- Optimized for pistol and applications which require a low-profile red dot system

INCLUDES: CR1225 Battery, Aimpoint® Tool

ITEM NO. 200548

PRODUCT

OVERVIEW

The Aimpoint® Acro C-1 is a fully enclosed red dot system that takes up minimal space on any weapon platform.

Acro C-1 has a precise 3.5 MOA dot. It is developed and optimized for use on optic ready pistols in combination with an Acro adapter plate. However, the wide range of available mounting solutions for the Acro series makes it an all-round sight that can be used on several weapon platforms such as shotguns, rifles or utilized as a secondary sight on magnified scopes. The enclosed system makes it reliable and operational in any weather conditions and being tested with 20,000 rounds on a .40 S&W caliber pistol slide, this small optic has proven to lead in ruggedness and reliability.

The Aimpoint Acro C-1 is a lightweight, low-profile optic that provides fast target acquisition and an unlimited field of view for hunters as well as sport shooters.

Launched: 2019

KEY

FEATURES

- Fully enclosed system
- Variety of mounting options sold separately
- Designed for direct integration in combination with adapter plates onto optic ready pistol slides
- Easily zeroed with the Aimpoint tool that comes with the sight. Adjustment clicks you can hear and feel
- Can be mounted on any Aimpoint Micro sight mount via the Acro base plate with Micro interface.
- Piggyback solutions for magnified rifle scopes
- Battery installation while optic is still mounted on weapon
- Anodized high strength aluminum housing, semi-matte black
- NVD compatible

TECHNICAL

SPECIFICATIONS

TECHNOLOGY SPECIFICATIONS

Operating Principle Reflex collimator sight - red dot sight

OPTICAL SPECIFICATIONS

Dot Size 3.5 MOA

Night Vision Device (NVD) Compatible Yes

Eye Relief Unlimited

Dot Color Red

Light Source Wavelength 650 nm red light

Clear Aperature 16 x 16 mm / 0.63 x 0.63 in

Magnification 1X - No Magnification

Transmission Average 60% in the range 420 - 700 nm

Diode LED (Light Emitting Diode) totally eye safe

Dot Intensity Visible against a background luminance of 0.1 to 55 000 lx

Optical Coating Anti-reflex coating all surfaces and multilayer coating objective lens

Parallax Parallax free - No centering required

POWER SOURCE SPECIFICATIONS

Battery Life More than 1.5 year of use on setting 6

Power Switch Push Buttons

Daylight (DL) Settings 8

Battery Type CR1225, 3V, Lithium

Night Vision Device (NVD) Settings 2

PHYSICAL SPECIFICATIONS

Size L x W x H (mm) 47 x 30 x 31 mm

Weight g 60 g

Size L x W x H (mm) Physical 47 x 30 x 31 mm

Weight (g) 60 g

Material Housing and Tube High Strength Aluminum

Color Housing Black

Height of Optical Axis Measured from Top Surface of Mechanical Interface 14 mm / 0.6 in

Size L x W x H (in) 1.9 x 1.2 x 1.2 in

Weight oz 2.1 oz

Size L x W x H (in) Physical 1.9 x 1.2 x 1.2 in

Weight (oz) 2.1 oz

Surface Finish Housing Anodized, Semi-Matte

Lens Covers Not Included

Adjustment 1 Click = 17 mm at 100 m / 0.6 in at 100 yds

ENVIRONMENTAL SPECIFICATIONS

Submersible to 5 m/ 15 ft

Radioactive Material None

Temperature Range Storage - Operable after a temperature shock between: - 51°C to + 71°C / - 60°F to + 160°F

Humidity - Operable during and after Humidity. Limits: Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic

Vibration - Withstands vibration. Limits: 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.

Laser No Laser Emission

Temperature Range Operation - 30°C to + 60°C / - 20°F to + 140°F

Temperature Shock Operable after a temperature shock between - 30°C and + 60°C / - 22°F and + 140°F

Shock - Operable before and after shock. Limits: Tested with 20,000 rounds mounted on a .40 S&W caliber pistol slide

Chemical Resistance Withstands occasional contamination by weapons cleaners, lubricants, fuels and insect repellents.

MOUNTING SPECIFICATIONS

Mounting Solution Integrated Acro™ Interface

Torque - Mount to Sight 3.0 Nm / 2.2 ft·lb

Mounting Platform Acro™ Interface

Torque - Mount to Rail 3.0 Nm / 2.2 ft·lb