GPO

GERMAN · PRECISION · OPTICS

SPECTRA™ PISTOL DOT

Dear customer,

We are pleased that you have chosen our SPECTRA™ PISTOL DOT and would like to thank you for your confidence in our products. It is important to us to provide you with the best product and, if needed, the best service support so that you can enjoy your outdoor passion to the fullest.

Enjoy your PASSION™

SAFETY INSTRUCTIONS



Please read these safety instructions carefully and follow these guidelines when using the product.



Never look direcly into the sun, any bright light sources or laser based light sources through your optical product. This can cause irreparable eye damage. Optics in riflscopes function as a magnifying glass, therefore dramatically increasing the intensity of the light source.



Store the riflescope and accessories included with the PISTOL DOT out of reach of children. Some of our products may contain small parts which could create a choking hazard for small children, or nylon straps which could create a strangulation hazard.



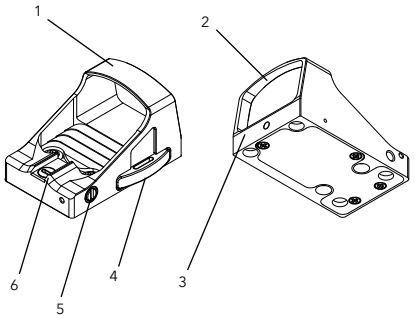
Be cautious when touching metal parts when the product has been stationary and extensively exposed to the sun or the reezing cold, as extremely hot or frozen metal components may cause an injury to the skin. Avoid improper shock, such as dropping this porduct. It is an optical instrument and damage may occur.



After using this product, always use the protective cover provided to avoid accidental light magnifying, which may create a fire.

Avoid improper shock, such as dropping this product. It is an optical instrument and damage may occur.

Repairs should be solely handled by an authorized repair location or GPO GmbH. The improper and unauthorized usage, disassembly, or repair of the products by a non-authorized repair business may result in the termination of this product's warranty. For service or repair, please contact GPO at info@gp-optics.com



1. Housing
2. Lens
3. Brightness sensor
4. Battery drawer
5. Windage adjustment
6. Elevation adjustment

INFORMATION BEFORE USING THIS PRODUCT

To avoid unnecessary complications during mounting, please have this product mounted by an authorized dealer or certified gunsmith, or ensure that your skills in mounting the scope are sufficient to preclude damage during mounting.

Make sure the firearm is unloaded and secure while mounting the product on the firearm.

Ensure that all mounting screws securing the product to the gun are tight before firing the gun and that the optics are properly aligned. Loose fasteners can cause injury when firing the gun.

Make sure the red dot sight is working properly before using it on your weapon. Check all optical characteristics and the mount.

Your authorized dealer or a GPO Technical Service representative will be happy to answer any questions you may have.

Application

SPECTRA™ PISTOL DOT is designed as a small, lightweight, unerring, quick-adjustable and easy-to-use mini red dot.

It is specially developed for pistols and all weapons with Picatinny rail or DeltaPoint / Shield RMS platform and can also be used under difficult light condition in the day or nighttime for fast aiming and shooting within a distance of 100m and even above.

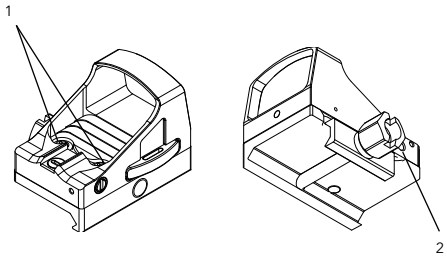
Assembly

SPECTRA™ PISTOL DOT consists of a housing, red coated lens, illumination control and dot position adjustment. The red coated lens is housed in the front of the housing. The illumination control and battery cover are located on the side. The dot adjustment is on the back, and the mount is on the bottom.

INSTALLATION

Bracket for Picatinny rail

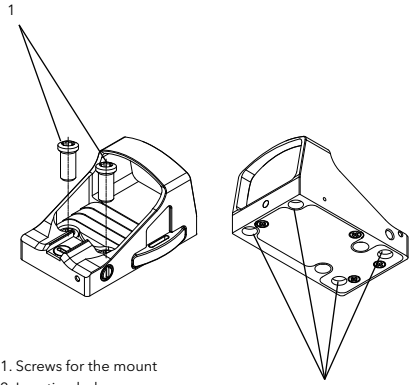
First, install the mount for the Picatinny rail on the bottom of the housing. There are four holes on the bottom of the housing that correspond to the four mounting slots of the mount. Secure the housing and mount with screws. Then use the special wrench to loosen the rod counterclockwise. Create enough space for the locking block. Allow the surface of the mount to fit snugly against the Picatinny rail, making sure the rod is in the gap of the rail. Tighten the rod clockwise with the special wrench. The installation is complete.



1 Screws
2 Block
(Mount for Picatinny rail)

Mounting for DeltaPoint / Shield RMS Platform

Place the sight on the mount for the DeltaPoint / Shield RMS platform, making sure that all four mounting holes on each corner fit into the pin. Next, secure the SPECTRA™ PISTOL DOT to the platform with two screws.



1. Screws for the mount
2. Location holes

Red Dot Setting

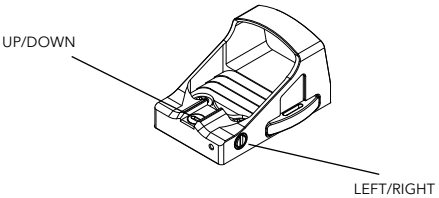
The initial setting for the red dot was adjusted to the 100m setting using the built-in collimator. When using the SPECTRA™ PISTOL DOT for the first time, the red dot must be adjusted to the weapon to ensure that the red dot is aligned with the point of impact.

SETTING FOR SHOOTING PRACTICE

Choose a shooting distance of 10m, fix the gun with a special holder or hold it with your hands. Align the target with the red dot and make a round of 5 shots. Note the point of impact.

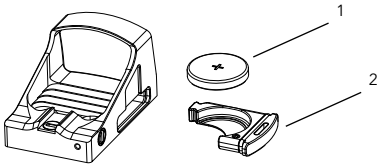
Measure the distance between the point of impact and the target in the vertical and horizontal directions. For example, if the point of impact is 35 mm to the left of the target, you need to turn the R adjustment 1/4 turn clockwise. In this case, the red dot would be in the same position as the point of impact.

Turn the locking screws on the back of the red dot counter-clockwise, adjust the UP setting first to make sure the dot is vertically aligned with the point of impact. Use the special tool or a screwdriver to turn the UP adjustment, and then the R adjustment. Make sure the dot is aligned with the point of impact. Turn the locking screws on the back clockwise to lock the adjustment screws in place. Re-check the point of impact by firing another 2-3 shots.



Battery Installation

The red dot is powered by a single CR1632 battery. The battery is located in a drawer on the side of the housing. Use a special tool or coin to open the compartment by pulling on the outside of the compartment. Insert the battery with the positive pole facing up.



1. Battery CR1632
2. Battery drawer

Illumination Control

The brightness is controlled by the light sensor on the front of the visor. In strong ambient light, the visor automatically increases its brightness. The visor switches off when it is motionless for 1 minute. The visor turns on again when the user moves it.

Care, Cleaning and Maintenance

You can clean the optics of your product with the optical microfiber cloth supplied with your product or use another lens cleaning device designed exclusively for optical cleaning purposes.

Be sure to keep the optical surfaces clean and immediately remove any dirt or oil residue caused by grease (fingerprints), oil, or water stains to ensure consistent optical quality and a clear round red dot without fringes.

To clean the outer lenses of your product, you must first remove any granular dirt particles that could cause scratches during the cleaning process. Note that coarse granular dirt particles must be removed using either a bellows or a clean hairbrush. Failure to do so may result in damage to the optical coating or scratches on the lens.

Once larger debris is removed, lightly dampen the optical surfaces to create a damp mist, then use the dry microfiber optical cleaning cloth provided to clean the lens surfaces.

All other external mechanical parts can be cleaned with a normal soft, clean, slightly damp cloth.

This microfiber cloth must be free of physical granular debris.

Proper Storage

It is recommended that the Red Dot is stored after use in a dry, well-ventilated area with normal to low humidity and at normal room temperatures.

Spare Parts

If you need spare parts or accessories for your SPECTRA™ PISTOL DOT, please contact an authorized dealer or GPO GmbH Inning am Ammersee. In the USA, please contact GPO, USA at info@gpo-usa.com. For all other countries, please contact GPO GmbH at info@gp-optics.com.

SPECTRA™ PISTOL DOT

Magnification	.	1x
Lens coating	.	Anti-reflection, minimizing the visible signature
Lens Diameter	mm	22 x 16
Lens Material	.	Polymer
Light source	.	LED (no radioactive 650 LED)
Red Dot size	MOA	3
Brightness	.	Automatically brightness adjustment
Photosensitivity	.	Yes, Photosensitivity sensor
Brightness level	.	Lowest – Compatible with Night Vision Highest – Visible against the sky in bright daylight
Battery	.	CR 1632
Battery Lifetime	h	up to 40.000
Motion sensor	.	Yes
Automatic shut off	.	Yes, after 1-minute inactivity
Push buttons	.	No
Battery compartment	.	Drawer (side) for exchange while mounted

Height	mm	23
Width	mm	27
Length	mm	40,6
Weight	g	22
Housing material	.	Aluminum
Color	.	Black anodizing
Click adjustment	MOA	¼
Click rotation	.	CCW
Elevation range (100 m)	MOA	60
Windage range (100 m)	MOA	60
Tactile click	.	Yes, w / tactile clicks
Waterproof	.	Yes, IPX67
Interface	.	DeltaPoint-/ Shield-RMS-Plattform