GPO

GERMAN • PRECISION • OPTICS

GPO PASSION™

16-48x65 APO
20-60x85 APO

Dear customer,

we are delighted that you have chosen the product from our company and would like to thank you for the trust you have placed in us. We always endeavor to provide you with all our support so that you can enjoy unforgettable outdoor experiences for a long time to come.

Enjoy your Passion

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 non-authorized repair business may result in the termination of this products warranty.

Safety information



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



Never look directly into the sun, bright light sources or laser based light sources through your spotting scope. This can cause irreparable eye damage. Optics in spotting scopes function as a magnifying glass, therefore dramatically increasing the intensity of the light source.



Store the spotting scope and all accessories included with this product out of the 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 to freezing cold, as extremely hot or extremely frozen metal components may cause an injury to exposed skin.



After using this product, always use the protective covers provided to avoid accidental burning glass effect, which may create a fire.

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

OVERVIEW



EYECUP

The PASSION™ spotting scope has an eyepiece assembly that is equipped with a continuously adjustable magnification setting and an adjustable eyecup.

To set the correct eye relief, turn the eyecup counterclockwise. Turn the eyecup to the position where you can see the entire field of view in the eyepiece.

MAGNIFICATION ADJUSTMENT

The eyepiece also has the function of seamless magnification adjustment.

To adjust the magnification, turn the magnification adjustment in the preferred direction. You can read off the respective magnifications from the engravings on the magnification adjustment.



MOUNTING ON A TRIPOD



If you want to mount your PASSION™ spotting scope on a tripod, please proceed as follows: Attach the quick-release adapter plate of the tripod directly to the underside of the tripod connection of the spotting scope. The spotting scope is equipped with a ¼" and ⅜" connection. To select the ⅜" connection, unscrew the tripod screw insert in the spotting scope. This allows you to mount the spotting scope on a ⅜" connection. If you want to mount the tripod on a ¼" connection, use the insert. If you have screwed the spotting scope onto the quick-release adapter plate of the tripod, you can now mount the quick-release plate onto the tripod head.



CHANGING THE VIEWING ANGLE

To change the viewing angle, loosen the clamping screw. You can now change the viewing angle. Turn the spotting scope to the desired angle and fix the clamping screw again.

FOCUSING

Find the object you want to focus on. We recommend that you set the magnification to maximum. Now use the focus adjustment to focus on the object. If you turn the focus clockwise, you will focus on nearby objects. If you turn the focus counterclockwise, you will focus on objects in the distance.



SUNSHADE

The spotting scope is equipped with a sunshade. To use the sunshade, pull out the sleeve around the lens. The sunshade is infinitely adjustable. Pull the sunshade out as far as it will go and do not use too much force. The sunshade is firmly mounted on the spotting scope.



CARE, CLEANING AND MAINTENANCE

You can clean the optics of your product with the optical micro-fiber cleaning cloth provided with your product, or by using other lens cleaning equipment solely intended for optical cleaning purposes.

Be sure to keep the optical surfaces clean and immediately remove any dirt or oil debris caused by grease (finger prints), oil or water spots to guarantee consistent optical quality.

To clean the exterior lenses of your product, be sure to first remove any granular dirt or debris that may cause scratching during the cleaning process. Be aware that rough granular dirt particles must be removed with either an air bellows or a clean hair brush. Otherwise, this may lead to damage of the optical coating or scratches on your lens. Once large debris is removed, slightly breath onto the optical surfaces to create a damp fog, then use the dry optical cleaning micro-fiber cloth provided to clean the lens surfaces. All other outside mechanical parts, as well as the rubber armor, can be cleaned with a normal soft, clean and slightly damp cloth. Please do not use the optical cleaning micro-fiber cloth to clean the outside parts or the rubber armor. This micro-fiber cloth must remain free of any physical granular debris.

SPARE PARTS SUPPLY

If you need spare parts or accessories for your product, please contact a specialist dealer or German Precision Optics GmbH.

SAFEKEEPING AND STORAGE

After use, store your product in a dry and well-ventilated place. If you use your product in a region with high humidity, please store your product in an airtight container with a moisture-absorbing agent to prevent possible fungal growth.

TECHNICAL SPECS

		PASSION™ 16 - 48x 65 APO	**PASSION™ 20 - 60x 80 APO**
Magnification	.	16 - 48x	20 - 60x
Objective lens diameter	mm	65	85
Focusing system	.	Center focus system	
Real filed of view	°	2,65 - 1,4	2,1 - 1,1
Apparent field of view	°	42 - 66	42 - 66
Field of view at 1000m	m at 1000m	46 - 24,5	36 - 20
Field of view at 1000yds	ft at 1000ft	138 - 73,5	108 - 60
Eye relief	mm	20,5 - 18,5	20,5 - 18,5
Exit pupil	mm	4,1 -1,4	4,3 - 1,4
Minimun focusing distance	m	4	6
Scope length (Angle)	mm	315	375
Width	mm	92	112
Height	mm	158	156
Nitrogen filling	.	yes	yes
Waterproof	.	IPX5	IPX5
Weight incl. ocular	g	1301	1807
Features	.	7 lenses eyepiece larger prism-28mm One ED lens + Lanthanum lens Magnesium housing	
Scopes of delivery		Packaging, cleaning cloth, lens eyepiece cover, stay-on-zip case	

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