

This product may be covered by one or more of the following United States patents:
US6542302, US6816310, US6906862

/ ZEISS TERRA **ED**

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ZEISS. INNOVATIVE SINCE 1846.

Gebrauchshinweise / Garantie
Instructions for use / Guarantee
Mode d'emploi / Garantie
Istruzioni d'impiego / Garanzia
Modo de empleo / Garantía
Bruksanvisning / Garanti
Kayttöohje / Takuu
Pokyny k používání / záruka
Informacje dotyczące użytkowania / Gwarancja
Használati utasítás / Jótállás
Инструкция по применению / Гарантия
使用提示 / 质保
使用上の注意 / 保証



We make it visible.

This applies to all countries except US and Canada!



We make it visible.



We make it visible.

Technische Daten

	8 x 32	10 x 32	8 x 42	10 x 42
Vergrößerung	8	10	8	10
Wirksamer Objektivdurchmesser (mm)	32	32	42	42
Austrittspupillen-Durchmesser (mm)	4.0	3.2	5.3	4.2
Dämmerungszahl	16.0	17.9	18.3	20.5
Sehfeld	(ft/1000 yds)	442	367	375
	(m/1000 m)	135	112	125
Subjektiver Schwingel (°)	60	63	56	60
Nahenstelligrenze (ft / m)	4.9 / 1.5		5.25 / 1.6	
Dioptrienverstellbereich (dpt)	+/- 4			
Austrittspupillenabstand (mm)	16.5		18	14
Pupillendistanz (mm)	56 - 74			
Objektivtyp	ED			
Prismensystem	Schmidt-Pechan			
Vergütung	Hydrophobic Zeiss MC			
Sticksstofffüllung	Ja			
Wasserdicht (mbar)	100			
Funktionstemperatur (°F / C°)	-5° / +140° -15° / +60°			
Länge (in / mm)	4.9 / 125	5.5 / 142		
Breite bei einer Augenweite von 65 mm (in / mm)	4.37 / 111	4.7 / 120		
Gewicht (oz / g)	17.98 / 510	24.5 / 695		

Änderungen in Ausführung und Lieferumfang, die der technischen Weiterentwicklung dienen, sind vorbehalten.

INSTRUCTIONS FOR USE

Congratulations on purchasing your new ZEISS TERRA® ED binoculars. Enjoy the impressive experience of undistorted image reproduction which is distinguished by perfect brilliance and excellent colour accuracy.

ZEISS products are famous for outstanding optical performance, precision engineering and a long service life. Please observe the following instructions for use in order to obtain the best from your product and to ensure that it remains your constant companion for many years to come.

Information for your safety

Environmental influences

- Do not under any circumstances look through the binoculars at the sun or laser light sources! Serious eye injury may otherwise result.
- Never leave the binoculars in the sun for extended periods of time without the protective lens cap. Extreme exposure to direct sunlight through the objective lens and eyepiece can function as a burning glass and damage the interior components.

Danger of swallowing

Never leave the removable outer parts in reach of children (danger of swallowing).

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Description of the components

- 1 Diopter compensation
- 2 Eyecups
- 3 Focusing knob
- 4 Carrying strap eyelets

Contents

ZEISS TERRA ED binoculars

Product	Order number	Scope of supply
8 x 32	52 32 05	Binocular
8 x 42	52 42 05	Eyeiece cap Protective lens cap Strap for fastening protective lens cap
10 x 32	52 32 06	Carrying strap
10 x 42	52 42 06	Bag Lens cleaning cloth User instructions Warranty

Viewing with and without glasses

When viewing without glasses, fully extend both eyecups. To do this, turn the eyecup (Fig. 4) to the left (counter clockwise) and upwards to the top click stop position (Illustration A).

The eyecups can be locked in four positions – at the bottom and top and in two middle positions. These adjustment options allow the distance of the eye from the exit pupil to be adjusted according to the specific need of each user.

When viewing with glasses, turn the eyecup down to the right (clockwise) until it locks in the bottom click stop position (Illustration B).

Adjusting of the interpupillary distance

Adjust the two barrels by pivoting them around the center hinge until you see one circular field of vision when viewing with both eyes.

Focusing

The binoculars have a focusing knob (Fig. 1/3) and a diopter adjustment wheel (Fig. 1/1).

To adjust, close your right eye and focus the image in the left barrel using the center focusing knob (Fig. 1/3). Then close your left eye and, if necessary, adjust the focus in the right barrel using the diopter adjustment wheel (Fig. 1/1).

The diopter adjustment has a "+" and "-" an index point as a reference when setting the diopter adjustment for different users.

Note: Always use the same object to focus both images!
Once adjusted, use only the focusing knob for varying distances. (Fig. 1/3).

Mounting the carrying strap and the protective covers

The carrying strap is supplied with the binoculars. Attach the carrying strap to the eyelets provided on the binoculars, and mount the eyepiece cap on the strap as shown in Figs. 2, 3 and 5.

The strap for the protective lens cap is attached directly (either right or left) to the protective lens cap. To fasten on the device, use either the carrying strap or one of the two carrying strap eyelets.

Note: Simply pass the carrying strap through the eyelets on the eyepiece cap. Before attaching the carrying strap, as shown in Fig. 3, the strap length should be set at the desired length by shortening or lengthening the strap.

Follow the same sequence for the opposite side. Some prefer to thread through the cap on both sides, and some on only one.

Use of the eyepiece cap

The eyepiece cap is kept in the objective apertures. Remove the eyepiece cap with your index fingers before using the binoculars.

Use of the protective lens cap

The protective lens cap is kept on the eyecups. Remove the protective lens cap with your index fingers before using the binoculars.

Mounting on a tripod

Binoculars from the ZEISS TERRA ED series can be mounted on any commercial camera tripod using the ZEISS universal tripod adapter for binoculars.

Care and maintenance

The binocular lenses come standard with a hydrophobic ZEISS MC coating. This protective coating noticeably reduces contamination (such as water, dirt and debris) of the lenses with a special smooth surface beading effect. Contaminants adhere less and can be quickly and easily removed, smear-free. The hydrophobic ZEISS MC coating is also durable and abrasion resistant.

We recommend using the ZEISS lens cleaning cloth (included) to clean the surface of the lenses. Even grease, fingerprints and dirt can be removed with little effort and without smears.

Do not wipe coarse dirt particles (e.g. sand) from the lenses; instead blow off or remove with a fine brush. Other textiles, such as clothing, paper towels or handkerchiefs can scratch the lenses and statically charge them.

We recommend routine cleaning of the lens surfaces. Contamination, especially grease or fingerprints, can damage the lens surfaces after a while. Dry storage and keeping the outer lens surfaces well ventilated, especially in humidity, helps to prevent a possible mold film forming on the optics.

Replacement parts for ZEISS TERRA ED

If you need any replacement parts for your binoculars, e.g. protective lens caps, please contact your local dealer, your country's distributor or our customer service team.

Our customer service team is available from Monday to Friday from 8:00 am until 6:00 pm (CET) should you have any questions.

Tel.: +49 (0) 64 41-4 67 61

Fax: +49 (0) 64 41-4 83 69

service.sportsoptics@zeiss.com

	8 x 32	10 x 32	8 x 42	10 x 42
Technical Data				
Magnification	8	10	8	10
Objective lens diameter (mm)	32	32	42	42
Exit pupil diameter (mm)	4.0	3.2	5.3	4.2
Twilight Factor	16.0	17.9	18.3	20.5
Field of view (ft/1000 yds) (m/1000 m)	442 135	367 112	375 125	330 110
Subjective angle of view (°)	60	63	56	60
Close-up setting limit (ft / m)	4.9 / 1.5		5.25 / 1.6	
Diopter Adjustment Range (dpt)	+/- 4			
Exit pupil distance (mm)	16.5		18	14
Pupil Distance (mm)	56 - 74		57.5 - 76	
Lens type	ED			
Prism system	Schmidt-Pechan			
Coating	Hydrophobic Zeiss MC			
Nitrogen Filled	Yes			
Waterproof (mbar)	100			
Operation Temperature (°F / C°)	-5° / +140° -15° / +60°			
Length (in / mm)	4.9 / 125		5.5 / 142	
Width with an eye spacing of 65 mm (in / mm)	4.37 / 111		4.7 / 120	
Weight (oz / g)	17.98 / 510		24.5 / 695	

Subject to changes in design and scope of supply due to technical improvements.