

EL RANGE 42
EL RANGE 32



GROUND-
BREAKING
PRECISION

GROUND-
BREAKINGLY
LIGHT

1

SMART COMPANION

The rangefinder and customizable configuration allow you to adapt the EL Range perfectly to your needs.

2

TRAIL-BLAZING INTELLIGENCE

The Tracking Assistant helps to narrow down the area where the last shot was taken.

3

EXCEPTIONAL DETAILS

High-contrast images allow quick and accurate spotting of game in every hunting scenario.



SWAROVSKI
OPTIK

SEE THE *UNSEEN*

EL RANGE 32 – PROVEN TECHNOLOGY IN A NEW PACKAGE



Compact & lightweight – these are the defining features of the new 32 models in the EL Range series. All the familiar EL Range advantages are combined in a complete optical and electronic package weighing just 680 grams (24 ounces). The electronics used for measurement and projection of information to the viewing channel are concealed in a single fin (right-hand side) on the EL Range 32. The balanced HD optics concept provides awe-inspiring details in a compact design – high-contrast images with natural colors and razor-sharp contours.

The two buttons (measurement and mode) are positioned on top of the bridge. For even greater flexibility and customization, the EL Range Configurator app allows users to select whether the left or right button is assigned to the measurement function. The other button then becomes the mode button. By default, the right-hand button is set to measurement.

The mechanical concept of the EL Range 32 comprises a complete package of ergonomics and lightness. A single bridge provides space to allow easy operation even for users with larger hands. The magnesium technology that has been tried and tested in the EL Range 42 has once again been selected for the housing.

The EL Range Configurator app automatically detects which EL Range model (32 or 42) is being used.

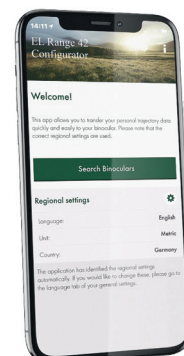
With its larger objective lens aperture and excellent twilight performance, the EL Range 42 is an ideal all-round device for hunters. The EL Range 32 impresses in challenging hunting scenarios such as mountain hunts, thanks to its compact dimensions and light weight. For everyday hunting situations, the EL Range 32 also offers users a small and lightweight optical instrument that can be combined with a thermal imaging device.

EL RANGE 42 AND EL RANGE 32 COMMON FEATURES

BALLISTICS

Three different ballistic curves can be fed into the EL Range via a built-in Bluetooth interface. Unlike all the other settings, which can also be adjusted on the binocular itself, configuring the ballistics has to be done via the EL Range Configurator App.

1. Press and hold the measurement and mode buttons simultaneously for 3 seconds to establish the Bluetooth connection (status LED flashes blue).
2. Now select the EL Range using the serial number and establish the connection (status LED stays blue).
3. Now you can transfer your personal ballistics settings from the app to the EL Range. The data from the last three





measurements is also transferred from the EL Range to the app. The app always shows you the exact time of the last synchronization.

To switch off Bluetooth, press and hold the mode button for 2 seconds.

TIP:

For maximum precision, we recommend measuring the muzzle velocity.

RANGE MEASUREMENT

The range measurement of the EL Range is based on a travel time measurement using a laser. The range can be measured between 10 meters (10 yards) and 2000 meters (2200 yards) for the EL Range 42mm. On the 32mm, the range can be measured between 10 meters (10 yards) and 1500 meters (1640 yards).

ONE-OFF MEASUREMENT

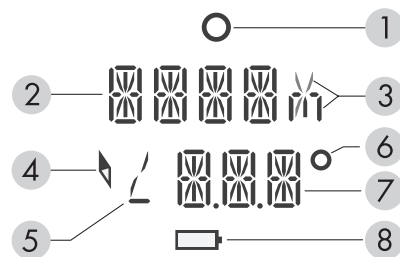
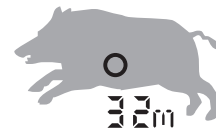
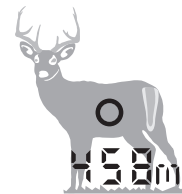
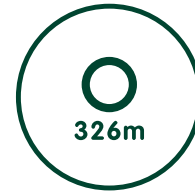
Briefly press the measurement button to display the target mark. After releasing the button, the range measurement is shown in the display.

SCAN MODE

Moving targets are measured continuously in scan mode. The instrument automatically switches to scan mode if you press and hold the measurement button for longer than 3 seconds.

Alongside the range measurement, a tilt sensor takes the measured angle into account. Temperature and air pressure readings are also taken, as these parameters can have a major influence on the projectile's trajectory, particularly at very long distances. However, atmospheric data can only be factored in if your personal ballistics have been transferred to the device. When the second display line is activated, you can display the corrected shooting distance or the correction value to be carried over, along with the number of clicks you need to make - this is done by factoring in range, shot angle, temperature, and air pressure, and is calculated using the ballistics entered via the app. Alternatively, the tilt angle or compass direction can be shown on the second line.

On the EL Range, the target mark and display are in the right optical channel. The brightness of the display can be set to one of five levels using the LIGHT menu option. The binoculars automatically adjust the selected brightness of the display based on ambient light levels.



1. Target mark
2. Distance measurement display (in meters or yards)
3. Display in meters (m) or yards (y)
4. Compass symbol
5. Angle symbol
6. Degree symbol
7. Additional function display
8. Battery symbol

TRACKING ASSISTANT

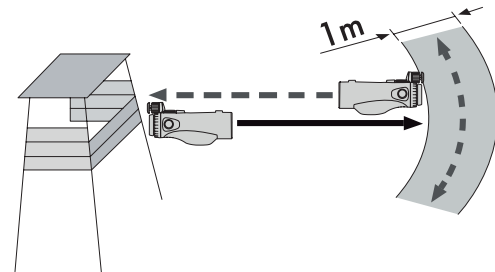


The Tracking Assistant helps the hunter to identify the target area by measuring back to the point where the shot was fired. This can be done in two ways: via the EL Range and via the app.



1 TRACKING ASSISTANT VIA EL RANGE

In the TRACK program, one of the last three measurements is selected and measured back to the point from which it was made. The display shows distance data (m/y) and direction arrows that indicate how far you need to move left and right, front and back, to locate the target area.



Measuring range is usually more accurate than measuring direction, so you see an arc-shaped search field. Leave TRACK mode by pressing and holding the mode button for 2 seconds. You have to actively leave the mode, it doesn't time out.

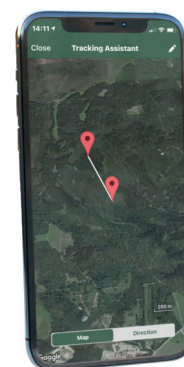
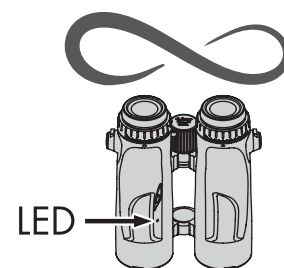
Activate calibration using the measurement button in the comp program (LED light flashes on the bottom of the device). Calibrate the compass by turning the instrument evenly on each axis in a figure eight shape. The LED light turns off once calibration is completed. Metal objects (such as a car or power mast) may affect the direction of the compass and the calibration. If you are taking a measurement near your rifle, we recommend doing it at least 40 cm/16 in away from the barrel. A wristwatch with a magnetic clasp may also significantly affect the measurement.

TIP:
We recommend calibrating the compass regularly to ensure the Tracking Assistant is as accurate as possible - particularly when moving to another hunting ground or in the event of major temperature fluctuations.

2 TRACKING ASSISTANT VIA APP

After establishing the Bluetooth connection, one of the EL Range's last three measurements is selected. The starting point can be selected manually or displayed automatically. If you do it automatically, it is important that you are still in the exact spot where the measurement was taken. Afterward you can let your phone guide you toward the target area (arc-shaped search field).

If you have internet reception, you can display the satellite image. GPS is sufficient for displaying the direction arrows. It is not possible to save offline maps.



SWAROVISION (EL RANGE 42) ULTIMATE OPTICAL PERFORMANCE



The optics concept of the EL Range 42 impresses with a large field of view (140 or 120 meters (419 or 359 feet) / 1,000 meters (1,000 yards)) with maximum edge sharpness. Optimum contrast and high transmission values (90% on both sides) add the finishing touches to the optics package and guarantee top performance even in difficult light conditions. In the interest of weight, the EL Range 32 does not come with SWAROVISION but impresses with HD optical quality.



UNCOMPROMISING IMAGE DEFINITION

Field flattener lenses deliver an almost flat, completely distortion-free image - right up to the edges.



ULTIMATE OPTICAL PERFORMANCE

Pin-sharp contours, high-contrast, and true-to-life images, allow you to make out every detail.



MAXIMUM COLOR FIDELITY

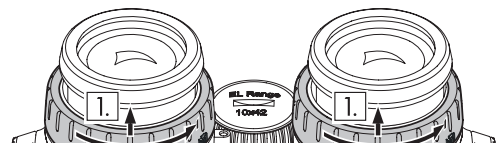
Innovative lens coatings provide excellent color rendering with high light transmission.

DIOPTRER ADJUSTMENT

To ensure optimum image quality, adjust the focus to compensate for any differences between your left and right eye. This is done as follows:

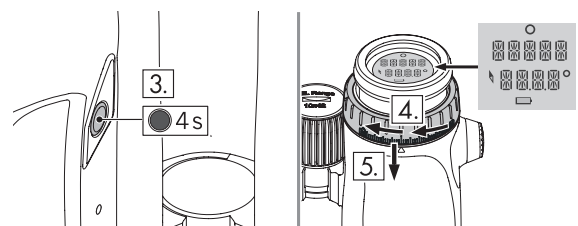
STEPS 1-2

Keep the right lens cover closed, pull both diopter adjusting rings upward and turn them counterclockwise as far as they will go.



STEPS 3-5

Press and hold the mode button (EL Range 32: factory setting left button) for 4 seconds to access the diopter adjustment setting (display lights up continuously for 60 seconds). Press the measurement or mode button again if you want to leave this mode earlier.

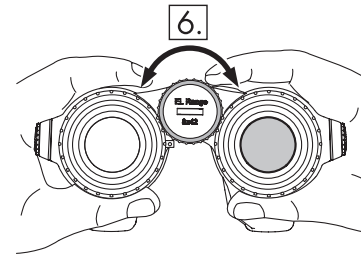


Now look through the right eyepiece with your right eye and turn the diopter adjusting ring slowly clockwise until the display is sharp. Then push the diopter adjusting ring back down and open the objective lens cover.



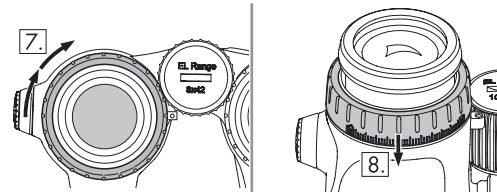
STEP 6

Use the focusing wheel to focus the right channel on a distant object (keep your left eye closed).



STEPS 7-8

Now look at the same distant object with your left eye through the left eyepiece and slowly turn the diopter adjusting ring clockwise until the display is sharp (keep your right eye closed). Then push the left diopter adjusting ring back down. Adjust the twist-in eyecups and eye relief precisely so that the display is more comfortable to view.



LASER MEASUREMENT RANGE

The maximum measuring range of the laser may be influenced by external factors.

	MORE COVERAGE	LESS COVERAGE
Color of target object	Light	Dark
Surface	Shiny	Matt
Angle to target object	Vertical	Acute
Size of object	Large	Small
Sunlight	Weak (cloudy)	Strong (sunny)
Atmospheric conditions	Clear	Hazy
Structure of object	Uniform (house wall)	Not uniform (bush, tree)

BATTERY

The battery (type CR2) is located in the focusing ring of the EL Range. If the battery capacity is low, this is indicated by a flashing target mark when the EL Range TA is switched on. You now have about 100 measurements left. The battery should be replaced immediately. The lid can be opened using the BT tool supplied.



FRR FOREHEAD REST RANGE

The enhanced FRR forehead rest Range is available as an accessory and provides a stable three-point support to ensure maximum stability and comfort when observing for extended periods. The forehead rest can be adjusted so that your gaze is lined up perfectly. It is mounted on the battery cover, whose function it replaces.

The FRR forehead rests for the EL Range 32 and 42 are different lengths. These are therefore two separate accessories (FRR-32 and FRR-42). The height of the adjustment wheel can be used as a differentiating factor.






TIP:

On this model, the magnification can be seen on the battery cover and also on the right side of the strap connector. This is important when the forehead rest is mounted, as it replaces the battery cover.

MODELS

- EL Range 8x42
- EL Range 10x42
- EL Range 8x32
- EL Range 10x32

COLORS

- EL Range 42  
- EL Range 32 

SUPPLIED WITH

- UCS universal comfort strap
- FSB functional sidebag
- Eyepiece cover
- Objective lens cover
- Soap & brush kit
- Microfiber cloth
- Strap loop connector
- Cover for steel rings (when detaching the objective lens cover)
- BT tool

ACCESSORIES

- FRR forehead rest range
- WES winged eyecup set
- BGP bino guard pro
- BSP bino suspender pro
- FSSP floating shoulder strap pro
- UTAs universal tripod adapter
- CSO cleaning set optics
- VPA 2 variable phone adapter and CA-B clamp adapter for binoculars

TECHNICAL DATA

	EL RANGE 8x42 W B	EL RANGE 10x42 W B	EL RANGE 8x32 W B	EL RANGE 10x32 W B
Magnification	8x	10x	8x	10x
Effective objective lens diameter (mm)	42	42	32	32
Exit pupil diameter (mm)	5.3	4.2	4.0	3.2
Exit pupil distance (mm)	19	19	17	16
Field of view (m/1,000 m/ft/1,000 yds)	140/419	120/359	135/405	110/330
Field of view (degrees)	8	6.8	7.7	6.3
Field of view, eyeglass wearers (degrees)	8	6.8	7.7	6.3
Field of view, apparent (degrees)	61	61	60	61
Shortest focusing distance (m/ft)	5/16.4	5/16.4	5/16.4	5/16.4
Diopter adjustment left/right (dpt)	-7 to +5	-7 to +5	-7 to +5	-7 to +5
Diopter correction at ∞ (dpt)	> 4	> 4	> 4	> 4
Interpupillary distance (mm/in)	56 - 74/2.2 - 2.9	56 - 74/2.2 - 2.9	56 - 74/2.2 - 2.9	56 - 74/2.2 - 2.9
Light transmission (%)	90	90	90	90
Twilight factor based on ISO 14132-1	18.3	20.5	16	17.9
Approx. L* x W** x H** (mm/in)	172 x 136 x 79/ 6.8 x 5.3 x 3.1	169 x 136 x 79/ 6.6 x 5.3 x 3.1	146 x 131 x 69/ 5.8 x 5.1 x 2.7	143 x 131 x 69/ 5.6 x 5.1 x 2.7
Weight approx. (g/oz)	930/32.8	925/32.6	685/24.2	680/24.0
Display	LCD	LCD	LCD	LCD
Measurement range (m/yds)	10 - 2000/10 - 2.200	10 - 2000/10 - 2.200	9 - 1500/10 - 1.640	9 - 1500/10 - 1.640
Range-finding accuracy (m/yds)	10 - 1500 ± 1	10 - 1500 ± 1	9 - 1000 ± 1	9 - 1000 ± 1
Measurement duration	0,5 s	0,5 s	0,5 s	0,5 s
Measured angle	± 90°	± 90°	± 90°	± 90°
Laser	Klasse 1 EN/FDA	Klasse 1 EN/FDA	Klasse 1 EN/FDA	Klasse 1 EN/FDA
Battery	CR2	CR2	CR2	CR2
Operating hours	2000x	2000x	2000x	2000x
Tracking Assistant Search @ 200 m	1x30 (m x m)	1x30 (m x m)	1x30 (m x m)	1x30 (m x m)
Temperature at measurement	°C/°F	°C/°F	°C/°F	°C/°F
Air pressure at measurement	hPa/inHg	hPa/inHg	hPa/inHg	hPa/inHg

Optical coatings: SWAROTOP, SWARODUR, P-BELAG · Functional temperature Electronics -10°C to +55°C (+14 to +131°F) / Mechanics -25°C to +55°C (-13 to +131°F). Storage temperature: -30°C to +70°C (-22 to +158°F) · Submersion tightness: 4 m (13ft) (inert gas filling) ·

* with eyecups twisted-in · ** with an interpupillary distance of 64 mm

CANADA PRICING

Stock # Description

72016	EL Range 8x32	\$4,199.00
72017	EL Range 10x32	\$4,299.00
72008	EL Range with Tracking Assistant 8x42	\$4,829.00
72014	EL Range with Tracking Assistant 8x42 Orange	\$4,829.00
72010	EL Range with Tracking Assistant 10x42	\$4,899.00
72015	EL Range with Tracking Assistant 10x42 Orange	\$4,899.00

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All the specifications given are typical values.