Für Beschädigungen am AX VISIO senden Sie das Gerät bitte ohne Akku zurück.
Bitte beachten Sie, dass bei Versand von Lithium-Ionen-Zellen (Akkus) für den Transport internationale Gesetze für Gefahrgut gelten (IATA, ADR usw.).

GARANTIE

Mit diesem SWAROVSKI OPTIK Produkt haben Sie ein hochwertiges Qualitätserzeugnis erworben, für das wir weltweit gültige Garantie- und Kulanzleistungen gewähren. Für nähere Informationen dazu gehen Sie bitte auf: https://swarovs.ki/ax_visio_warranty

TECHNISCHE DATEN

Alle technischen Daten zu Ihrem Produkt finden Sie unter: https://swarovs.ki/ax_visio_technicaldata
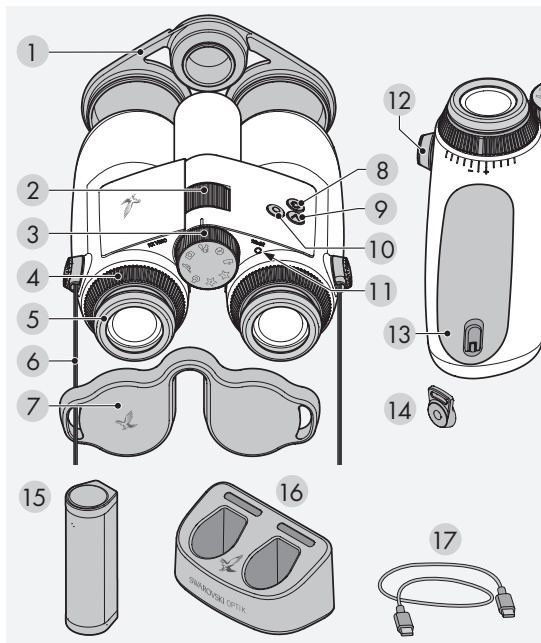

Alle Angaben sind typische Werte.

Änderungen in Ausführung und Lieferung sowie Druckfehler sind vorbehalten.

WE THANK YOU FOR CHOOSING THIS PRODUCT FROM SWAROVSKI OPTIK. IF YOU HAVE ANY QUESTIONS, PLEASE CONSULT YOUR SPECIALIST DEALER OR CONTACT US DIRECTLY AT SWAROVSKIOPTIK.COM.

Get started easily with our AX VISIO video tutorials

1. OVERVIEW

1 Objective lens cover
2 Focusing wheel
3 Mode selection wheel
4 Diopter adjusting ring
5 Twist-in eyecup
6 Carrying strap
7 Eyepiece cover
8 ON/OFF button ⏻

9 Arrow button
10 Release button
11 LED status indicator
12 Strap connector cover
13 Battery compartment
14 Strap connector
15 RB rechargeable battery
16 RBC battery charger
17 USB charger cable

Also supplied with:
lens-cleaning cloth, FSB functional sidebag, soap & brush

2. PREPARING TO USE THE DEVICE
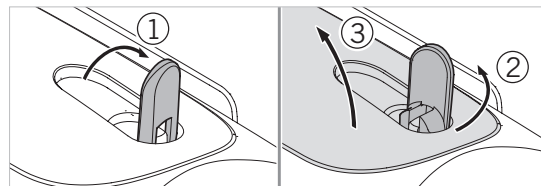
2.1 CHARGING THE BATTERY
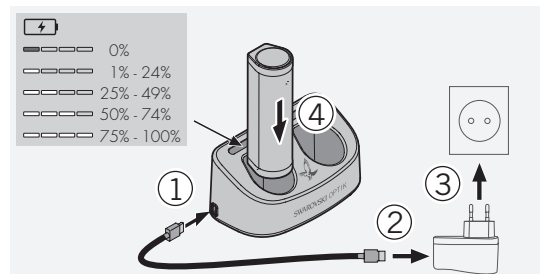
The AX VISIO is not supplied with the RB battery installed. Please charge the battery fully before using the device for the first time (see 4.2).
The block adapter 3 is not supplied.

2.2 INSTALLING AND REMOVING THE BATTERY

To insert the battery in the device, you first need to open the battery compartment. This is located on the bottom of the device. To open the battery compartment, flip the bayonet closure up to a vertical position (1), turn it 90° counterclockwise to the left (2), and open the battery compartment cover (3).

You can now insert the battery (4). Please make sure that the contacts on the battery are correctly aligned with the contacts in the device.
To close the battery compartment, hook the cover of the battery compartment into the opening (5), and close the cover (6). Turn the bayonet closure 90° clockwise and flip the bayonet closure down.
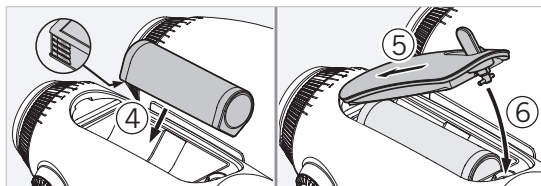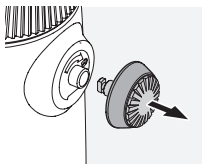

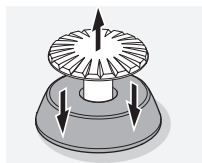## 2.3 FITTING THE CARRYING STRAP AND EYEPIECE COVER

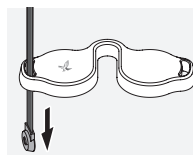The AX VISIO is not supplied with the carrying strap attached.
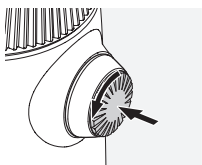
Press on the knob and rotate it counterclockwise (90°).

Pull the knob out.

Remove the pin from the ring.

If you want to fit an eyepiece cover or other accessory, pull the strap through the eyelet of the cover.
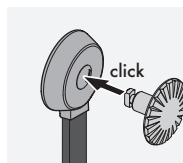
Then press the pin into the strap until it clicks.
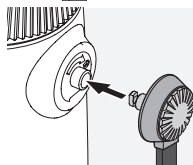
Insert the knob in the designated place on the binoculars.
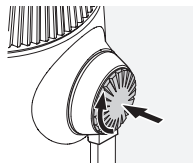
Push the knob in firmly and rotate slightly clockwise.

Release the pressure from the pin and continue to turn it clockwise until it clicks.

Note:
The pin is securely in place once you can no longer turn it without pressure.

Adjust the length of the carrying strap to your individual needs as shown.

Note:
Before you start using the instrument, please adjust the following settings:

2.4 ADJUSTING THE TWIST-IN EYECUP

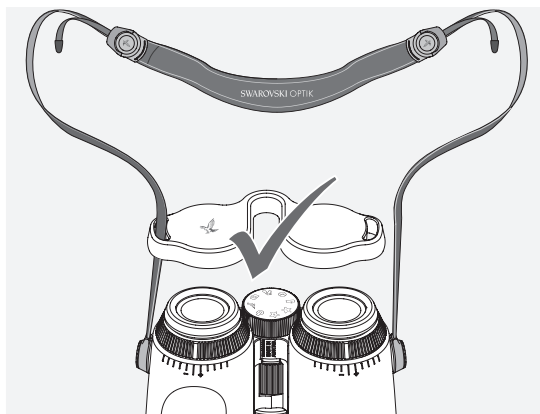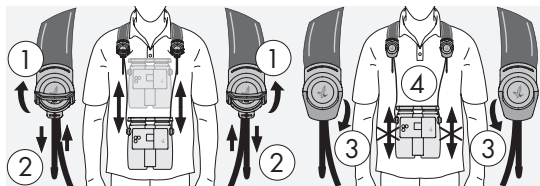There are seven different setting positions to choose from. These allow you to adjust the distance from your eye to the eyepiece lens.
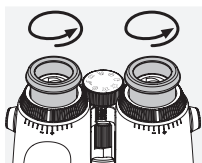
Pos. 1 Starting position without glasses:
Turn the eyecups counterclockwise to the full extent.
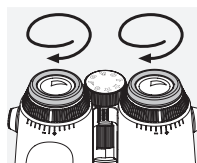
Pos. 2 Starting position with glasses:
Turn the eyecups clockwise as far as they will go.
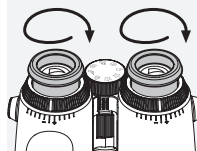
Pos. 3 – 7 Five alternative positions:
Alternative positions or intermediate stages for observing with and without glasses.

2.5 ADJUSTING THE DISTANCE BETWEEN THE EYEPIECES

To see a single round image, adjust the two halves of the binoculars until no irritating shadows can be seen.
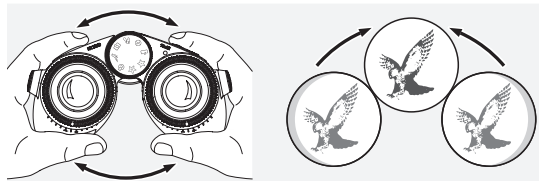
2.6 HOW TO ADJUST IF BOTH EYES HAVE EQUAL VISION

Turn the left and right diopter adjustment rings until the long bar on the diopter scale matches the bar on the diopter adjustment ring. If the vision in one or both eyes is impaired, adjust the binoculars as described in 2.7.
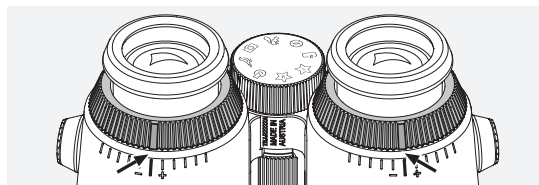
The display needs to be in sharp focus to show the information in the field of view as clearly as possible and achieve ideal photo quality.

2.7 DIOPTER ADJUSTMENT

To ensure optimum image quality, adjust the focus to compensate for any differences between your left and right eye. To do this, switch on the AX VISIO (point 3.2) and turn the mode selection wheel to the compass position (point 3.3).

1. Close the objective lens cover and leave the left cover open.

2. Turn both diopter adjustment rings counterclockwise as far as they will go.

Note:
The twist-in eyecup (point 2.4) needs to have been adjusted. Switching on the device (point 3.2) activates the display.

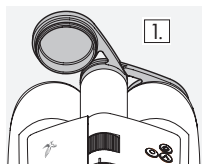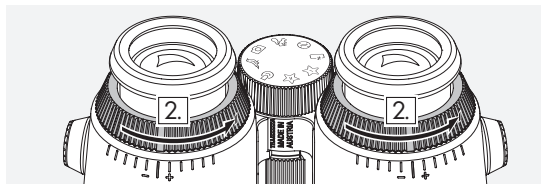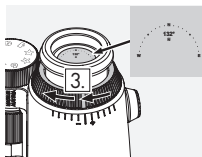**3.** Now look through the right eyepiece with your right eye and turn the diopter adjustment ring clockwise until the display is sharp. Then completely remove the objective lens cover.
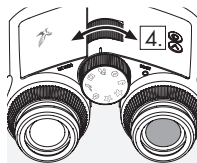
4. Use the focusing wheel to focus the right channel on a distant object (keep the left eye closed).
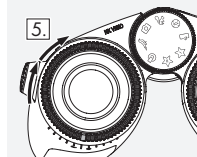
5. Now look at the same object through the left eyepiece with your left eye and slowly turn the diopter adjustment ring clockwise until the display is sharp (keep the right eye closed).

Note:
Adjust the twist-in eyecups and eye relief precisely so that the display is more comfortable to view (point 2.4 and 2.5). You can adjust the brightness of the display to your personal preference under "Settings ➝ Display" in the SWAROVSKI OPTIK Outdoor app.

2.8 ADJUSTING THE FOCUS
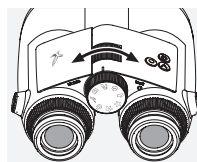
Turning the focusing wheel allows you to focus on any object from the shortest focusing distance (see technical data sheet) to infinity.

3. OPERATION

3.1 EXPLANATION OF THE BUTTONS

The release button is used to operate the main functionality in each application. This button has two press points. Pressing the button halfway focuses the camera in the selected functionality, similar to a photo

camera. Details of the functionality can be found in the description of each app function.
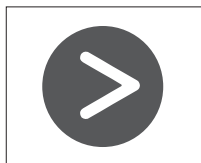
The arrow button allows you to move between different functionalities in each app.

Pressing and holding the ON/OFF button will switch the device on or off. If the device is switched on, pressing briefly on this button will deactivate or reactivate the display.

3.2 SWITCHING THE DEVICE ON

SWITCHING ON: Press and hold the ON/OFF button for at least three seconds until the LED status indicator changes from yellow to green. The AX VISIO is now switched on and is starting up. The LED status indicator flashes for around 30 seconds. After this, the LED status indicator turns permanently green. The AX VISIO is now ready to use and the display is active.

SWITCHING OFF: To switch off the AX VISIO, press and hold the ON/OFF button for at least five seconds until the LED status indicator briefly turns yellow and then switches off.
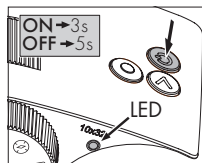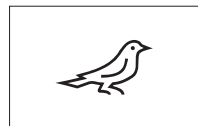
3.3 THE MODE SELECTION WHEEL

The mode selection wheel allows you to switch between the individual functions. The following applications are available with the AX VISIO.

3.4 FUNCTIONS
3.4.1 MERLIN BIRD ID

To launch the MERLIN BIRD ID bird identification support, turn the mode selection wheel to the bird symbol.

A circle divided into four segments will then appear on the display. Two different sizes of circle can be selected for identification support. For effective identification support, it is important to select the correct size of circle. For birds a short distance away, choose the larger circle. If the bird is further away, choose the smaller one. Use the arrow button to select the correct circle size.

Once you have selected the correct size and placed the bird to be identified in the center of the circle, depress the release button to the first perceptible press point and hold. The AX VISIO will then start to analyze the observation situation. Depending on the probability of success of the identification support, each of the segments of the circle will consecutively be displayed in bold (for details of the individual quality criteria, please refer to the table below). The situation will continue to be analyzed for as long as you hold this first perceptible press point, and you can then decide on the best moment for identification support and to take a photo. To complete the identification process, press the release button all the way and then remove your finger from the button. Identification support is then completed and the result is shown in the lower area of the display.

If you find the circle display distracting while observing, you can briefly press the ON/OFF button to deactivate or reactivate the display.

The result of the identification, including a photo, is saved on the AX VISIO, and can later be downloaded to a smartphone. If no identification was possible or if you would like more information about the result, you can use the MERLIN BIRD ID or the SWAROVSKI OPTIK Outdoor app to transfer the photo to a smartphone. You can then use the MERLIN BIRD ID app on the smartphone to identify the photo again.

Quality criteria for identification support
Analysis process

Quality levels	
1 segment	Auto-Focus (AF) complete, no GPS signal
2 segments	AF complete, GPS active, bird detected
3 segments	AF complete, GPS active, bird detected, inexact identification result expected
4 segments	AF complete, GPS active, bird detected, exact identification result expected

Changing the language setting for bird names:

You can change the language for the result of bird identification on the AX VISIO on your smartphone in the MERLIN BIRD ID app. To do this, open the settings menu under SWAROVSKI OPTIK in the app. Depending your preference, you can show one or two languages in the AX VISIO display. If you select two languages, the second language will be displayed in a smaller font size in the second line.

3.4.2 MAMMAL ID

To identify mammals, turn the mode selection wheel to the squirrel symbol. Three different frame sizes are available for the identification process. For effective identification support, it is important to select the correct size of frame. Select the size so that the animal appears as large as possible in the frame. Use the arrow button to select the frame size. After selecting the correct size, depress the release button to the first perceptible press point and hold until the frame turns "bold" – the camera has finished focusing. Now press the release button all the way and then remove your finger from the button. The identification support process will now be carried out and the result will be shown in the lower area of the display.

If you find the frames distracting while observing, you can briefly press the ON/OFF button to deactivate or reactivate the display.

The result of the identification, including a photo, is saved on the AX VISIO, and can later be transferred to a smartphone. If no identification was possible, you can use the SWAROVSKI OPTIK Wildlife ID to check the photo and, if required, repeat the identification process in the app.

Note:
Ideal conditions for identification of an animal:
– It is not covered.
– It is placed in the center of the selected frame and appears as large as possible.

3.4.3 CAMERA (PHOTO/VIDEO)
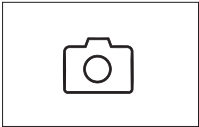
To start the camera function, turn the mode selection wheel to the camera symbol.

The camera function allows you to take photos or record videos. You can use the arrow button to toggle between these two options.

TAKING PHOTOS
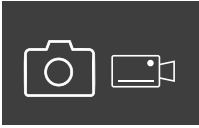
To take a photo, proceed as follows:
1. Observe the object
2. As soon as you have located your chosen object, press the release button halfway (just like with a camera).
3. Hold the release button until the markings in the field of view appear in bold. The camera has now focused your chosen object.

4. To take the photo, press the release button all the way and then let it go. A brief animation appears in the field of view to confirm the capture.

5. The photo is now saved on the AX VISIO and can be downloaded using the SWAROVSKI OPTIK Outdoor app.

Camera shake warning:
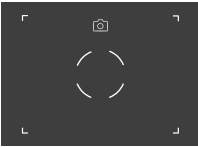"Camera shake" means an unintentional movement of the camera in poor light conditions that occurs when pressing the release button and results in blurred images.
To prevent camera shake, try to keep the device as steady as possible (possibly using a support surface or tripod).

RECORDING VIDEOS

To record a video, use the arrow button to switch to the camera's video mode. A video camera symbol appears in the status bar.

To start recording a video, press the release button all the way and then remove your finger from the button. The video starts recording and the recording time is displayed on a stopwatch. To stop recording, press the release button all the way again and then remove your finger from the button. The video is saved and the stopwatch disappears.
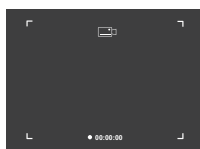
Warning:
If you use the SWAROVSKI OPTIK Outdoor app to start the live view on your smartphone (point. 3.5), the camera function must be active on the AX VISIO!

3.4.4 SHARE DISCOVERIES

To share an observation, turn the mode selection wheel to the appropriate position. Then observe the environment and place the marking on the chosen point. Press the release button all the way. As soon as you let go of the button, the point changes in the field of view. Give the binoculars to a second person. Arrows then guide this person back to the marked location. Pressing the release button again will stop or restart the observation. A shared observation will stop automatically after 60 seconds.

Note:
For ideal conditions to share an observation, make sure that the second person is not far from the observation position when you hand over the AX VISIO.

3.4.5 COMPASS

To start the compass or orientation guide, turn the mode selection wheel to the appropriate symbol. The compass direction and tilt angle will then be displayed. These values update as you change the observation direction.

You can use the arrow button to choose between three different display options:
1. Compass & Tilt
2. Tilt only
3. Compass only

Compass calibration: to increase the precision of the compass, we recommend carrying out calibration from time to time. To do this, switch the AX VISIO on and turn it evenly on each axis for around five to ten seconds.

3.4.6 FAVORITE 1 + 2

It is possible to load additional apps on the AX VISIO using the SWA-ROVSKI OPTIK Outdoor app. The available apps are shown under the Apps function. Select your app and run the installation process.

If no app is installed at the favo-rite position I or II on the mode selection wheel, the following graphic will appear on the dis-play.

3.4.7 OPEN API

Connection with an external third-party app: this functionality depends on the scope of the third-party app. Information and download links for compatible apps can be found in the SWAROVSKI OPTIK Outdoor app under the Apps function.

3.5 CONNECTING TO A SMARTPHONE

When switched on, the AX VISIO is ready to pair with a smartphone at any time. To connect the SWAROVSKI OPTIK Outdoor app for the first time, proceed as follows:
1. Download the SWAROVSKI OPTIK Outdoor app from the Apple App Store or Google Play Store and launch the app.

SWAROVSKI OPTIK Outdoor App

2. Confirm that you are the owner of an AX VISIO. The app will then show a detailed description of how to pair the AX VISIO with your smartphone.

3. Click on the button "Search for AX VISIO" in the app and select your device with the correct serial number (point 5.1).
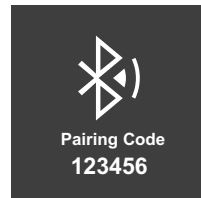
4. Then type the pairing code dis-played in the AX VISIO into your smartphone. Your smartphone is then paired with the AX VISIO.


Pairing Code
123456

5. A help tutorial is launched in the app offering handy hints on using the app and the AX VISIO.

## 3.6 STATUS AND ERROR INDICATORS IN THE DEVICE
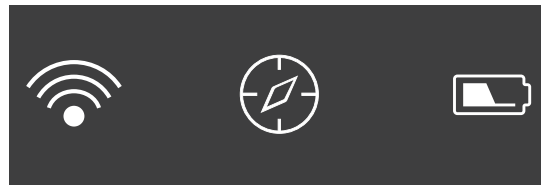
The status bar shows information about the current status of the AX VISIO. On the left, you can see whether there is currently an active Bluetooth or Wi-Fi connection with a smartphone. In the middle, the app currently selected on the mode selection wheel is shown. On the right, you can see the current battery status. The status bar disappears automatically five seconds after starting up the AX VISIO, changing the app on the mode selection wheel, or reactivating the display.

Battery status indicators

 Less than 10%

 10% – 24%

 25% – 49%

 50% – 74%

 75% – 100%
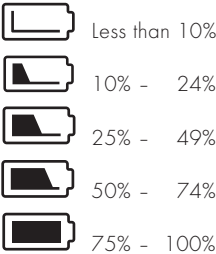
Error indicator – Restart

In the event of an unforeseen error that requires the device to be restarted, the graphic shown here will appear on the display. To restart the device, press and hold the ON/OFF button for five seconds. The device will then automatically restart.
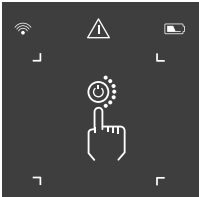
Factory reset

To perform a factory reset on the AX VISIO, press and hold the release button and arrow button simultaneously for at least 10 seconds. A prompt will then appear on the display asking if you are sure you want to reset the device. Press the release button to confirm the reset. To stop the process, press the arrow button.
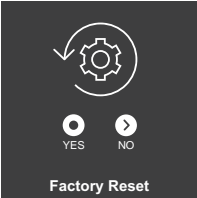
Note:

Before carrying out a factory reset, please save your photos and videos on your smartphone. The reset will delete all data from the device.

LED status indicators

LED indicator	What it means
Flashing green	The AX VISIO has been switched on and is starting up
Permanently green	The AX VISIO is ready to use
Permanently yellow	The AX VISIO is in standby mode
Alternating green/yellow	Storage space on the AX VISIO is full – open the SWAROVSKI OPTIK Outdoor app to transfer files
Flashing blue	Operating system update is in progress
Flashing red	Battery status low (<10%) – please charge the battery

LED error indicators

LED indicator	What it means
Permanently red	Critical operating system error – please restart the device.
Alternating red/yellow	Operating temperature too high (>50°C/122°F) or device overheating (battery, system)
Alternating red/blue	Operating temperature too low (<-10°C/14°F)