

## 4. USING THE BATTERY CHARGER

### 4.1 BATTERY STATUS INDICATORS

The 4 LED indicators on the charger light up for 30 seconds depending on the level of charging.

- 1<sup>st</sup> LED red = 0%
- 1<sup>st</sup> LED white = 1% - 24%
- 2<sup>nd</sup> LED white = 25% - 49%
- 3<sup>rd</sup> LED white = 50% - 74%
- 4<sup>th</sup> LED white = 75% - 100%

#### Note:

You can check the battery charge level by inserting the battery in the charger when the charger is not connected to an electric socket.

### 4.2 CHARGING THE BATTERY FOR THE FIRST TIME

For safety and transportation reasons, the battery is not supplied fully charged. Please charge the battery fully using the RBC battery charger supplied before using the device for the first time (point 2.1).

1. Connect the plug of the USB charging cable to the USB port on the charger.
2. Connect the other end of the USB charging cable to a suitable USB block adapter.
3. Insert the battery in the charger.

### 4.3 CHARGING TIME

- 90 % battery level after 3.5 hours
- 100 % battery level after 5 hours

#### Note:

The power supply used (not provided) should have an output of at least 2.1 A to allow two batteries to be charged simultaneously. In the case of lower output, charge each battery individually.

### 4.4 BATTERY CHARGER ERROR INDICATORS

1<sup>st</sup> LED flashing red for the second inserted battery → Output current of the USB charging power supply is too low to charge two batteries simultaneously.

1<sup>st</sup> and 2<sup>nd</sup> LEDs flashing red → Battery temperature too low (< 0°C/32°F).

3<sup>rd</sup> and 4<sup>th</sup> LEDs flashing red → Battery temperature too high (> 45°C/113°F)

All 4 LEDs flashing red → Battery is faulty. Stop using the battery immediately.

All 8 LEDs are illuminated red → Charger is faulty. Stop using the charger immediately.

1<sup>st</sup> LED flashing red → Battery is discharged.

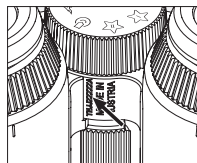
### 4.5 GENERAL INFORMATION FOR USE OF THE RBC BATTERY CHARGER IN THE UNITED STATES

This product is validated according to UL62368-1. This product should be fitted with a ITE-listed "Class 2" or LPS block adapter with a USB output of 5 V DC min. 2100 mA.

This product is designed only for charging the SWAROVSKI OPTIK RB rechargeable battery, RB AFL+ rechargeable battery, and RB tM 35 rechargeable battery.

## 5. GENERAL INFORMATION

### 5.1 SERIAL NUMBER



You can find the serial number of your product on the bottom of the device between the mode selection wheel and the focusing wheel. To see the serial number clearly, open the device out fully.

## 5.2 SWAROVSKI OPTIK OUTDOOR APP FUNCTIONALITIES

- The SWAROVSKI OPTIK Outdoor app for smartphone allows you to explore the full potential of your AX VISIO.
- The app is free and is compatible with most Apple and Android systems.
- Manage or share your observations (images & videos) in the internal media gallery.
- Live view with up to four additional smartphones.
- Management of compatible device and smartphone apps (App Garden).
- Uploading of system updates to the AX VISIO.
- Management of device settings.

## 5.3 TROUBLESHOOTING

Problem	Cause	Solution
The image doesn't fill the entire field of view (vignetting).	The eyecup setting is not correctly adjusted for viewing with or without glasses.	If you wear glasses, twist in the eyecup as far as it will go. If you do not wear glasses, unscrew the eyecup fully (see section 2.4 Adjusting the twist-in eyecup).
Circle does not turn bold after pressing the release button (halfway).	Camera autofocus is not responding.	Remove your finger from the release button and start the process again. If the circle has still not turned "bold," choose a different mode on the mode selection wheel and then switch back again.
Display is too light or too dark.	Display brightness is incorrectly set.	Open the Display item in the settings of the SWAROVSKI OPTIK Outdoor app and select your preferred level of brightness for the display from five settings (dark to light).
Images are blurred or not sharp.	Poor light conditions or camera shake.	Keep the device as steady as possible when observing/identifying/taking photos.
No response from the AX VISIO when any button is pressed.	App has crashed or is not working.	Restart the AX VISIO.

## 5.4 ADDITIONAL INFORMATION

Do you need help with setting up, operating, or looking after our products? Check out our FAQs online. Visit us at [MYSERVICE.SWAROVSKIOPTIK.COM](http://MYSERVICE.SWAROVSKIOPTIK.COM).

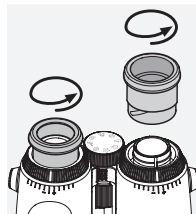
## 6. CARE AND MAINTENANCE

### 6.1 LENS-CLEANING CLOTH

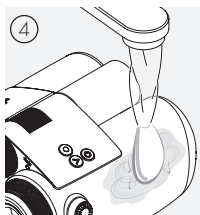
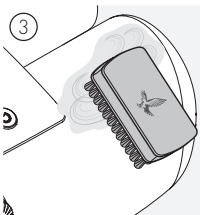
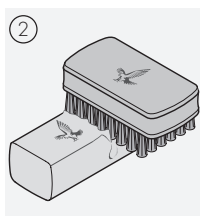
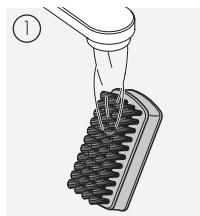
With the included microfiber lens-cleaning cloth you can clean even the most sensitive glass surfaces. It is ideal for objective lenses, eyepieces, and eyeglasses. Please keep the cloth clean, as dirt can damage the lens surface. If the cloth is dirty, you can wash it in lukewarm soapy water and let it air dry. Please use it only for cleaning glass surfaces.

### 6.2 CLEANING

**Cleaning the optics.** To ensure the long-lasting optical brilliance of your binoculars, you should keep the glass surfaces free from dirt, oil, and grease. First brush off any larger particles of dirt using an optical lens brush. Then breathe gently on the lens and polish it with the cleaning cloth to remove any remaining dirt. If it is very dirty (e.g. with sand), the twist-in eyecups can be completely unscrewed, making it very easy to clean.



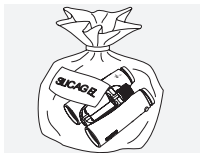
**Cleaning the protective housing.** Use the soap & brush kit (supplied). Close the covers on the eyepiece and objective lenses. Remove the battery and close the battery compartment before cleaning. Moisten the brush and apply the soap using circular movements to gently clean the housing. Then rinse the device with clean water and dry it with care. If the optics become wet, dab them dry with a clean cloth to prevent scratching. Rinse the brush thoroughly and leave the soap & brush kit to dry.



**Note:**

If you clean your binoculars outdoors, please ensure the soapy water does not contaminate the natural water cycle.

**6.3 STORAGE**



Keep your product in its bag in a well-ventilated place. If the product is wet, it must be dried first. In tropical areas or areas with high humidity, it is best to store it in an airtight container with a moisture-absorbing agent (e.g. silica gel).

**7. COMPLIANCE**

**7.1 AX VISIO COMPLIANCE**

For more information on compliance, see: [https://swarovski.com/ax\\_visio\\_compliance](https://swarovski.com/ax_visio_compliance)

**WEEE/ElektroG**



This symbol indicates that this product must not be disposed of with household waste in accordance with the WEEE (Waste Electrical and Electronic Equipment) Directive and national laws.

For information on collection points for waste electrical and electronic equipment, contact your local authority or an authorized waste electrical and electronic equipment collection point.

Correct disposal of this product protects the environment and prevents any potential damage to the environment and human health that may result from improper handling of the product.

**7.2 RB RECHARGEABLE BATTERY COMPLIANCE**

For more information on compliance, see: [https://swarovski.com/ax\\_visio\\_rb\\_compliance](https://swarovski.com/ax_visio_rb_compliance)

**WEEE/ElektroG battery**



This symbol indicates that the battery must not be disposed of with household waste in accordance with the WEEE (Waste Electrical and Electronic Equipment) Directive and national or local laws.

The battery must be disposed of at a designated collection point.

**Declaration on legal requirements in Canada**

This device complies with the RSS standard(s) as issued by Innovation, Science, and Economic Development Canada, or its license-exempt standards. Its operation is subject to the following two conditions: (1) this device may not cause

interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## 8. SAFETY RECOMMENDATIONS

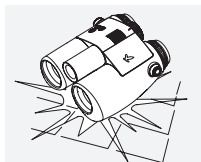
### GENERAL INFORMATION



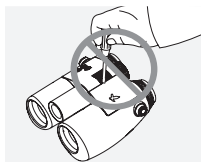
Never look directly at the sun through the device as this could seriously damage your eyes.



Never look through the device while walking as you may overlook obstacles.



Protect your device against knocks.



Repairs and servicing must only be carried out by SWAROVSKI OPTIK Absam (Austria) or SWAROVSKI OPTIK North America, otherwise your warranty will be void.

- Only SWAROVSKI OPTIK batteries should be used in the product. Use of any other battery may result in damage to the device.
- The AX VISIO is waterproof and dustproof and received the rating IP67 in a test under controlled laboratory conditions according to the IEC standard 60529.
- For safety reasons (battery), the AX VISIO switches off automatically in temperatures below  $-10^{\circ}\text{C}$  ( $+14^{\circ}\text{F}$ ) or above  $+50^{\circ}\text{C}$  ( $+122^{\circ}\text{F}$ ).

### WARNINGS FOR THE RB RECHARGEABLE BATTERY

#### WARNING!

Risk of fire and burns. Never open, damage, or heat the battery to above  $80^{\circ}\text{C}$  ( $176^{\circ}\text{F}$ ).

Observe the safety information. Only the charger supplied by SWAROVSKI OPTIK should be used.



Possible risks:

- Risk of fire and explosion
- Risk of emission of toxic or corrosive substances
- Risk of burns

This product has a replaceable and rechargeable lithium-ion battery. When using the product, please note the following:

- Do not continue to use the battery if the outer casing is damaged or if you suspect the battery is damaged. In this case, contact our customer service immediately as there is a risk of explosion and/or accident. Clear warnings of a defective battery include, for example, deformations (bulges), melting of areas on the plastic casing (signs of singeing), discoloration, odor, high heat generation.
- Do not use the battery incorrectly as this can lead to damage to the battery and an associated risk of fire and explosions.
  - Do not attempt to open the battery or take it apart.
  - Do not short-circuit the battery. Never store the battery in a hazardous location in a cardboard box or a drawer where the battery contacts could short-circuit each other

or where they could be short-circuited by other conductive materials.

- Avoid mechanical stresses (pressure, deformations, impacts).
- Keep the battery dry and clean. If the battery becomes dirty, dry and clean the contacts using a clean, dry cloth.
- Do not use any electrically conductive materials for cleaning.
- If the battery leaks, make sure that the fluid does not come into contact with your skin or eyes, and do not inhale the fumes emitted. If this is the case, seek medical assistance.
- Do not expose products with batteries to excessive heat (e.g. direct sunlight, fire, or proximity to heat sources such as radiators or appliances that produce heat).

## INFORMATION ON CHARGING THE LI-ION BATTERY

- Only charge the battery using the RBC battery charger (supplied with the AX VISIO) and a suitable power supply that complies with local regulations or has FCC/CE/IC approval.
- Using damaged cables or chargers or charging in humid environments may cause electric shocks, fire, injury, or damage to the equipment or other property.
- The optimum charging temperature is between 15°C and 25°C (59°F and 77°F) ambient temperature. The permitted charging temperature is between 0°C and 37°C (32°F and 99°F). Do not go below or exceed this temperature range during charging.
- Do not leave the battery unattended while it is charging.
- Do not leave the battery in the charger for longer than necessary.
- Make sure that the battery is not covered during charging.
- Pay particular attention to any unusual increase in temperature. The battery should not be hot to the touch during charging.

## GENERAL INFORMATION AND STORAGE

- The battery life depends on the ambient temperature.
- Under no circumstances should batteries be stored for longer periods (days) in a discharged state as this can lead to irreparable damage. Charge the battery to 60 - 80% before storage. If the battery is stored at room temperature, it must be recharged after 6 months.
- A battery has a limited life, and its performance decreases with duration of use. We advise a usage period of no longer than 5 years.

## FAULTY BATTERIES

In the event of a faulty battery or deformed battery housing, under no circumstances should you return the device including the battery. For safety reasons, faulty batteries must be disposed of at local hazardous goods collection points. In this case, remove the faulty battery from the device. If it is not possible to remove the battery, please contact our Customer Service team.

In the event of any damage to the AX VISIO, please return the device without the battery.

Please note that international legislation on hazardous goods (IATA, ADR, etc.) applies to any shipment of lithium-ion cells (batteries).

## WARRANTY

This product from SWAROVSKI OPTIK is a high-quality instrument that comes with worldwide warranty and goodwill services. For more information, please visit: [https://swarovski.com/ax\\_visio\\_warranty](https://swarovski.com/ax_visio_warranty)



## TECHNICAL DATA

You can find all technical data for your product at:  
[https://swarovs.ki/ax\\_visio\\_technicaldata](https://swarovs.ki/ax_visio_technicaldata)



MERCI D'AVOIR CHOISI  
CE PRODUIT DE LA  
MAISON SWAROVSKI  
OPTIK. POUR TOUTE  
QUESTION ADRESSEZ-VOUS  
A VOTRE DETAILLANT  
OU CONTACTEZ-NOUS  
DIRECTEMENT SUR  
SWAROVSKIOPTIK.COM.

All the specifications given are typical values.

We reserve the right to make changes regarding design and delivery.  
We accept no liability for printing errors.

Einfach loslegen mit unseren Video Tutorials zum AX VISIO



### CE Maintenance

1. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
2. EUT Operating temperature range: -10° C to 55° C .
3. The device complies with RF specifications when the device used at 0mm from your body.
4. Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

This Frequency the following Member States or the geographical area within a Member State where restrictions on putting into service or requirements for authorisation of use exist.

(BE: Belgium, BG: Bulgaria, CZ: Czech Republic, DK: Denmark, DE: Germany, EE: Estonia, IE: Ireland, EL: Greece, ES: Spain, FR: France, HR: Croatia, IT: Italy, CY: Cyprus, LV: Latvia, LT: Lithuania, LU: Luxembourg, HU: Hungary, MT: Malta, NL: Netherlands, AT: Austria, PL: Poland, PT: Portugal, RO: Romania, SI: Slovenia, SK: Slovakia, FI: Finland, SE: Sweden, UK: United Kingdom)



### Declaration of Conformity

Swarovski-Optik AG & Co KG hereby declares that this AX VISIO 10x32 WB is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), This product is allowed to be used in all EU member states.



Hereby, Swarovski-Optik AG & Co KG. declare that the radio equipment type Pallet Tracker is compliance with the requirements of Radio Equipment Regulations 2017,SI 2017:1206 (as amended by SI 2019:696).



**FCC Warning**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Specific Absorption Rate (SAR) information:**

This AX VISIO 10x32 WB meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

**FCC RF Exposure Information and Statement**

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: AX VISIO 10x32 WB (FCC ID: 2A9DRSF-1L4LB) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the body is 0.121W/kg. This device was tested for typical body-worn operations with the back of the handset kept 5mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 5mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

**Body-worn Operation**

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 5mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.



### **IC Warning**

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

### **RF Exposure Information and Statement**

The SAR limit of USA is 1.6 W/kg averaged over one gram of tissue. Device types: AX VISIO 10x32 WB (IC: 31602-SF1L4LB) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the body is 0.121W/kg. This device was tested for typical body-worn operations with the back of the handset kept 5mm from the body. To maintain compliance with IC RF exposure requirements, use accessories that maintain a 5mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with IC RF exposure requirements, and should be avoided.

### **Body-worn Operation**

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 5mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

### **RF exposition Information et Déclaration**

La limite SAR des Etats-Unis est de 1,6 W / kg en moyenne par gramme de tissu. Types d'appareil: AX VISIO 10x32 WB (IC: 31602-SF1L4LB) a également été testé pour cette limite SAR. Lors de la certification du produit, la valeur SAR la plus élevée rapportée selon cette norme est de 0121 W / kg lorsqu'elle est correctement portée sur le corps. L'appareil a été testé lors d'un fonctionnement typique du corps, où l'arrière du téléphone est maintenu à une distance de 5 mm du corps.

Pour rester conforme aux exigences d'exposition aux RF IC, utilisez un accessoire qui maintient une distance de 5 mm entre le corps de l'utilisateur et l'arrière du téléphone. Lorsque vous utilisez des clips de ceinture, des étuis et des accessoires similaires, aucune pièce métallique ne doit être incluse dans leur assemblage. L'utilisation d'accessoires qui ne satisfont pas à ces exigences peut ne pas répondre aux exigences d'exposition aux RF IC et doit être évitée.

#### Porté au corps Opération

Ce dispositif a été testé pour les opérations typiques portés sur le corps. Pour se conformer aux exigences d'exposition aux radiofréquences, une distance de séparation minimale de 5mm doit être maintenue entre le corps de l'utilisateur et le combiné, y compris l'antenne. Tiers pinces de ceinture, étuis et autres accessoires similaires utilisés par ce dispositif ne doit pas contenir de composants métalliques. accessoires qui ne répondent pas à ces exigences peut ne pas se conformer aux exigences d'exposition RF et doit être évité Body-porté. Utilisez uniquement l'antenne fournie ou une approbation.

#### RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

#### **JP Warning**

5.2 GHz 帯域は屋内での使用のみに制限されています（5.2 GHz 高電力基地局または中継局と通信する場合を除く）

5.2 GHz band is restricted to indoor use only (Except when communicating with 5.2GHz high power base stations or relay stations)