



ALPEN[®]
OPTICS

— **APEX XP RIFLESCOPE**
Instruction Manual



Models:

#6010 - 1-6x24 Duplex Rifle scope

#6012 - 2.5-16x42 A4 Rifle scope

#6015 - 5-30x56 MilDot Rifle scope

— DISCOVER THE DIFFERENCE

Warranty & Service

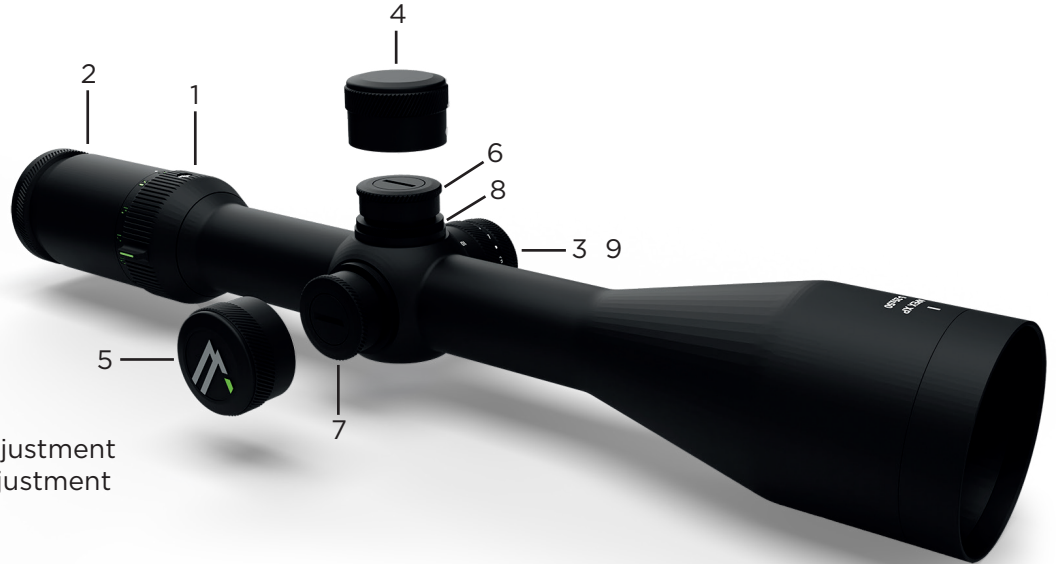
The ALPEN Lifetime Warranty, begins if registered within 60 days of purchase. For full warranty terms and conditions, as well as product registration, please visit:

www.alpenoptics.com/warranty

or scan the QR code.



— PARTS OVERVIEW



1. Zoom adjustment
2. Diopter adjustment
3. Parallax adjustment
4. Protective cap height adjustment
5. Protective cap lateral adjustment
6. Height adjustment
7. Lateral adjustment
8. Zerostop
9. Battery compartment

— GENERAL SAFETY INFORMATIONS

RISK of physical injury!

Never look through this device directly at or near the sun. There is DANGER OF BLINDNESS! Children should only use this device under supervision. Keep packaging materials (plastic bags, rubber bands, etc.) away from children! There is a DANGER OF CHOKING!

RISK of material damage!

Never take the device apart. Please consult your dealer if there are any defects. The dealer will contact our service center and send the device in for repair if needed.

Fire/Burning RISK!

Do not expose this device - especially the lenses - to direct sunlight! Focusing of sunlight could cause fires.

RISK OF BURNS!

Batteries do not belong in children's hands! Make sure you insert the batteries correctly. Leaking or damaged batteries will cause chemical burns if you put your skin in Contact. Use suitable protective gloves if necessary. Do not expose the device to high temperatures. Use only the recommended batteries. Do not short-circuit the device or batteries or dispose of in fire! Excessive heat and improper handling can cause short circuits, fires and even explosions!

Mount and adjust the scope

The scope should be mounted by a qualified gunsmith to ensure that the rifle and target optics are perfectly matched. When mounting, the optimal interpupillary distance should be observed above all. This means that the full field of view is available and injuries to the eye caused by recoil during firing can be avoided.

Change magnification



The magnification can be adjusted at the Zoom adjustment (1) on the eyepiece tube. All magnification between the lowest and highest setting can be selected continuously. The different magnification levels can be read from the numbers and markings.

FluoDigits Technology

The APEX XP riflescope is equipped with ALPEN Optics FluoDigit Technology. To make full use of it, we recommend exposing the device to daylight for about 3 hours and charging the fluorescent paint with it. If it is desired that the magnification numbers are NOT illuminated at night, it is sufficient to transport the device covered and thus not to charge the paint.

Info: The special color is set so that you can choose yourself from max. 1.5m can read off the numbers. This way you remain undetected and the numbers do not illuminate anything.



Focus reticle and illuminated point

To focus the reticle and illuminated dot, it is best to select the highest magnification level beforehand. Then the illuminated point is switched on and the diopter adjustment (2) is turned until the reticle and illuminated point appear sharp in the image. The illuminated point should also have a circular shape. Once set, the reticle and illuminated point remain sharp over the entire magnification range.

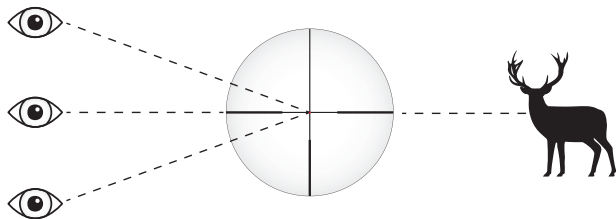
Make parallax adjustment

Note: Some ALPEN models are equipped with parallax compensation. Please check in the technical data on alpenoptics.de if the used optics is provided with this function.

The parallax adjustment (3) corrects the parallax error for accurate aiming and focuses the image for the corresponding aiming distance. To do this, rotate the parallax adjustment (3) until the target object appears sharp in the image.

Set reticle

To adjust the reticle setting to the particular hunting conditions or type of ammunition, use the height adjustment (6) and the lateral adjustment (7). No movement of the reticle is perceptible during reticle



adjustment. The reticle is therefore always located in the center of the image. The reticle adjustment of the riflescope is performed as follows:

1. Protective cap (4) above the height adjustment or (5) above the lateral adjustment.

2. Make shot correction:
 - a. If the gun is firing too low, adjust the elevation, turn the height adjustment (6) counterclockwise.
 - b. If the gun is firing too high, adjust the elevation, turn the height adjustment (6) clockwise.
 - c. If the gun is firing too far to the left, turn the lateral adjustment (7) counterclockwise.
 - d. If the gun is firing too far to the right, turn the lateral adjustment (7) clockwise.
3. Screw the protective cap (4 or 5) back on.

Set Zerostop

Sometimes, for example, temporary readjustments have to be made due to changing wind conditions. With a correctly set up Zerostop, the zero position can then be readjusted without eye control. The Zerostop prevents rotation beyond the zero position.

The Zerostop is set as follows:

1. Unscrew the screw above the height adjustment tower (6) by means of a coin.

2. Remove the height adjustment tower (6) from the scope and set it to the zero position.
3. Replace the height adjustment tower (6) with the screw attach to the scope.
4. Screw up the Zerostop ring (8) until it comes into contact with the height adjustment tower (6).
5. Fix the Zerostop ring (8) with the circumferential screw. If necessary, readjust a little so that the Zerostop grips exactly in the right place.



Difference reticle setting with MOA and with MRAD

The MOA and MRAD tower systems refer to two different measurement systems: metric and imperial. Thus, the imperial system uses MOA and inches, and the metric system uses MRAD and centimeters. Therefore, at some point the question arises which tower system is the better one. First and foremost, it's a matter of habit and personal preference.

MOA

MOA stands for Minute Of Angle and corresponds to 1/60 of a degree. The system is suitable for those familiar with the imperial system, since it is calculated in inches. 1 MOA equals 1.047" to 100yd (2.9 cm to 100 m).

MRAD

MRAD stands for milliradian and is 1/1000 of a radian (angular measure). 0.1 MRAD/MIL is equivalent to 1 cm at 100 m and is suitable for those using the metric system. One advantage of the metric system is that it is very easy to calculate. The shooting distance (unit meter) can be quickly converted into the unit of turret adjustment (centimeter). One click of an MRAD click adjustment thus corresponds to 3 cm (0.03 m) at a firing distance of 300 m.

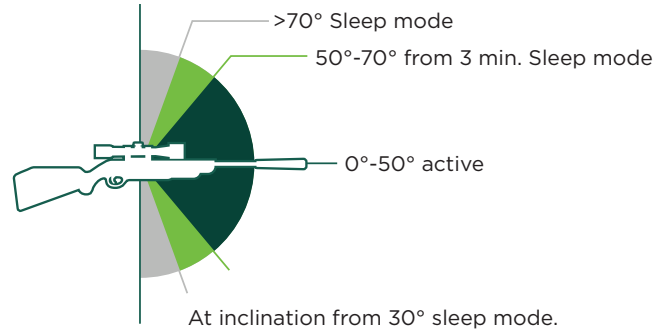
ALPEN Optics uses MRAD 0.1 click adjustments for all target optics.



Set SmartDot light point

The illuminated dot is switched on by selecting a brightness level from 1 to 10 on the illuminated dot adjustment. To switch the illuminated point off again manually, the point is set before or after the selected brightness level on the illuminated point adjustment.

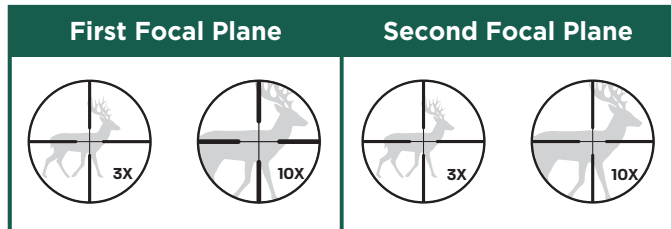
SmartDot Technology automatically turns off the illuminated point when the gun is tilted 70° up or down, or 30° to the side. The scope is then in sleep mode. When the weapon is brought back to the ready position, the illuminated dot switches back on automatically within a few milliseconds. After about 3 hours in sleep mode, the device shuts down completely to save energy.



Reticle for ALPEN riflescopes

The scope is equipped with the reticle selected at the time of purchase. On most ALPEN models, the reticle is located in the second focal plane. So it does not enlarge with it when the magnification is changed. For these scopes, the coverage depends on the magnification.

Long-range target optics such as the ALPEN 5-30x56 are equipped with a reticle in the first focal plane. Here, the reticle enlarges as the magnification is increased and the coverage remains constant.



Care and maintenance

Clean the lenses (eyepieces and/or objectives) only with a soft and lint-free cloth (e. g. Microfiber). Do not press the cloth too hard to avoid scratching the lenses. To remove more stubborn dirt, moisten the cleaning cloth with an eyeglass-cleaning solution and wipe the lenses gently. Protect the device from dust and moisture! After use, particularly in high humidity, let the device acclimatise at room temperature for a short period of time, so that the residual moisture can dissipate.

Battery replacement

Simply unscrew the cover of the battery compartment (9) and insert a CR2032 battery into the battery compartment. Make sure you insert the batteries correctly.

Note:

Do not screw the battery compartment shut with great force. Hold the illumination unit while opening the battery compartment. A CR2032 battery is used with all scopes.

— GENERAL SAFETY INSTRUCTIONS

Notes on the safe use of the riflescope

- When working on the firearm riflescope, the firearm must always be unloaded. This must be conscientiously checked beforehand.
- The proper function of the riflescope must be controlled before it is used.
- Before the riflescope is used, the image must be tested. Who looks through it, should see a clear, interference-free image.
- To avoid injury, always ensure sufficient eye relief when using the scope.
- Control shots are used to determine the first Hit point position determines whether the reticle setting is correct.
- The riflescope contains sensitive optics. In the case of raw treatment, it could possibly lead to a Misalignment may occur.

DISPOSAL



Keep packaging materials, like plastic bags and rubber bands, away from children as they pose a risk of suffocation. Dispose of packaging materials as legally required. Consult the local authority on the matter if necessary and recycle materials when possible.



- The WEEE symbol if present indicates that this item contains electrical or electronic components which must be collected and disposed of separately.
- Never dispose of electrical or electronic waste in general municipal waste. Collect and dispose of such waste separately.
- Make use of the return and collection systems available to you, or your local recycling program. Contact your local authority or place of purchase to find out what schemes are available.
- Electrical and electronic equipment contains hazardous substances which, when disposed of

incorrectly, may leak into the ground. This can contribute to soil and water pollution which is hazardous to human health, and endanger wildlife.

- It is essential that consumers look to re-use or recycle electrical or electronic waste to avoid it going to landfill sites or incineration without treatment.



BUTTON/COIN BATTERY WARNING:

This product contains a Button or Coin Cell Battery. A swallowed Button or Coin Cell Battery can cause internal chemical burns in as little as two hours and lead to death. Dispose of used batteries immediately. Keep new and used batteries away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

- A swallowed Button or Coin Cell Battery can cause internal chemical burns in as little as two hours and lead to death Due to chemical burns and potential perforation of the esophagus.

- Dispose of used batteries immediately, flat/drained

batteries can still be dangerous

- Keep new and used batteries away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- If you suspect your child has swallowed or inserted a button battery immediately call the Poisons control hotline and seek immediate medical attention.
- Examine devices and make sure the battery compartment is correctly secured, e.g. that the screw or another mechanical fastener is tightened. Do not use if compartment is not secure.
- Tell others about the risk associated with button batteries and how to keep their children safe.

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OPTICS

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