

Press release

Guntramsdorf, June 2015



KAHLES Helia 3

Traditional values with brilliant optics



HELIA 3-9x42



HELIA 3-10x50



HELIA 4-12x44*

The long-standing success story of the KAHLES KX/KXi continues to develop and with **Helia 3** and a complete product update, is becoming the absolute leading-edge product in the one-inch class.

The KAHLES Helia 3 range combines traditional values, innovations and proven technology in a purist design. The three different magnification types and lens sizes (3-9x42 / 3-10x50 / 4-12x44) and their significantly lower weight offer the best possible choice for all hunting situations.

The one-inch rifle scopes are manufactured from high-quality aluminium that is anodised for scratch-resistance, and are characterised by their slimline design, particularly light weight and compact dimensions. The proven triple-zoom technology and the high level of light transmission that it creates, combined with the latest optics, provide brilliant and accurately detailed images, from daylight till late into dusk.

The latest, leading-edge technology has also been fitted throughout the mechanically operated elements. For example, the elevation and windage "click setting" has been brought to the maximum level and now works with highest precision and repeat accuracy on all Helia 3 models. Particular importance was also placed on a highly developed sealing system. All models are therefore now completely sealed even without dust protection screw-on caps, both from the outside inwards and from the inside outwards. An escape of the nitrogen filling (N₂) is completely prevented by the sophisticated design of the turrets, extremely tight manufacturing tolerances and special seals. As a result of these features, the penetration of dust particles and moisture or the misting of the internal lenses in the rifle scope is permanently prevented, and that applies even down to a water depth of four metres (pressure resistance of 0.4 bar).

Josef Kampfer

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The 4-12-times magnification range of the Helia 3 has been completely redeveloped, as a result of which almost the same magnification as in the KAHLES 30-mm rifle scope is also provided in the 1-inch (25.4 mm) main tube. Because of the significantly lower weight of 485 g (Helia 5 689 g/Helia CBX/CSX 580 g), the Helia 3 4-12x44 is, both internally as well as when compared with others in its class on the premium market, extremely lightweight and, with its optical quality, the "dominant stag" in its territory.

Due to the integration of the KAHLES automaticlight function with infinitely variable, digital reticle illumination control and intelligent memory function, the Helia 3 models with reticle illumination also possess the latest technology. The innovative KAHLES automaticlight function detects whether or not if the rifle scope is in a shooting position and automatically controls the switching on or off of the reticle illumination. The infinitely variable digital lighting control makes it possible to individually adjust the reticle illumination for every lighting situation from very low intensity to extremely bright.

Another benefit of the Helia 3 generation, as previously in the KX/KXi generation, also resides in the fact that old one-inch rifle scopes can be replaced particularly easily and at a reasonable price with the innovative Helia 3 product range. Benefit: The existing mounting systems continue to be used in the majority of cases.

Helia 3 product highlights:

- .: Brilliant optics with triple-zoom technology
- .: Purist-style slimline design with one-inch centre sight tube diameter (25.4 mm)
- .: Aluminium main tube anodised in matt black with scratch-resistant surface
- .: Reticle in the second focal plane for discreet reproduction and maximum precision
- .: Innovative day-time/night-time reticle illumination with automaticlight and infinitely variable digital control (dimming) for all lighting conditions (model-dependent)
- .: Lowest weight in its class combined with compact dimensions
- .: Replacement made easy – existing one-inch mountings can be reused

The Helia 3 generation is characterised by its low weight, maximum light transmission and innovative technology. All three factors in combination create timeless leading-edge products in the one-inch class!

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High resolution images can be found here:

www.kahles.at/eng/company/press/press-pictures

Recommended retail price:

Helia 3 3-9x42 € 1.190,-

Helia 3 3-10x50 € 1.280,-

Helia 3 4-12x44 € 1.280,-*

Helia 3 3-10x50i € 1.560,-

Helia 3 4-12x44i € 1.560,-*

The new KAHLES Helia 3 generation will be available at specialist retailers from August 2015 onwards. *Sales launch January 2016.

Technical data:

Model/Type	Magnification	Lens Ø mm	Field of view m/100m	Eye relief mm	Diopter-compens.	Corr./click mm/100m	Elevation mm/100m H/S	Tube Ø mm	Length mm	Weight g	Reticle 2nd FocalP	Illumination
3-9x42	3 - 9	42	12,1 - 4,3	90	+2/-3,5	10	1,5 / 1,5	25,4	313	450	4A, 4D	nein
3-10x50	3 - 10	50	11,2 - 4,0	90	+2/-3,5	10	1,3 / 1,3	25,4	325	491	G4B	nein
3-10x50i	3 - 10	50	11,2 - 4,0	90	+2/-3,5	10	1,3 / 1,3	25,4	325	508	4-Dot, G4B	ja
4-12x44	4 - 12	44	9,2 - 3,3	90	+2/-3,5	10	1,1 / 1,1	25,4	351	468	G4B	nein
4-12x44i	4 - 12	44	9,2 - 3,3	90	+2/-3,5	10	1,1 / 1,1	25,4	351	485	4-Dot, G4B	ja

KAHLES. Never miss THE MOMENT!

KAHLES – the rifle scope pioneer since 1898

As the world's oldest rifle scope manufacturer, KAHLES has set many milestones in the course of its company history. However, its strong market position is based not only on pioneering work in the past, but also on lasting and innovative development and production in Austria. Every KAHLES product is developed and manufactured exclusively in the production plant in Guntramsdorf based on the highest quality standards, and undergoes rigorous checks before beginning its journey to customers around the globe. More than 50 employees work at the plant near Vienna, creating cutting-edge precision optical products with extremely tight tolerances.

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