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**SPECIAL EDITION**  
**IN TEST: THE KHS DARK COMMANDER TITAN PRO**

**Im Fokus:**

Spezialeinsatzkommandos (SEK)  
beim 1st Special Forces Workshop

**SCHWEIZ:**

SIG 55X-Serie, Prototypen, STGW90

**IM DETAIL:**

Sachstand Infanterist der Zukunft und E.S.

**EXKLUSIV:**

82nd Airborne Snipers im Irak

**TEST:**

KHS Dark Commander Titan Pro

**KIT & GEAR:**

Gerber Tools, Hardshell-Jackets, Pohl Force H3 Alpha Two



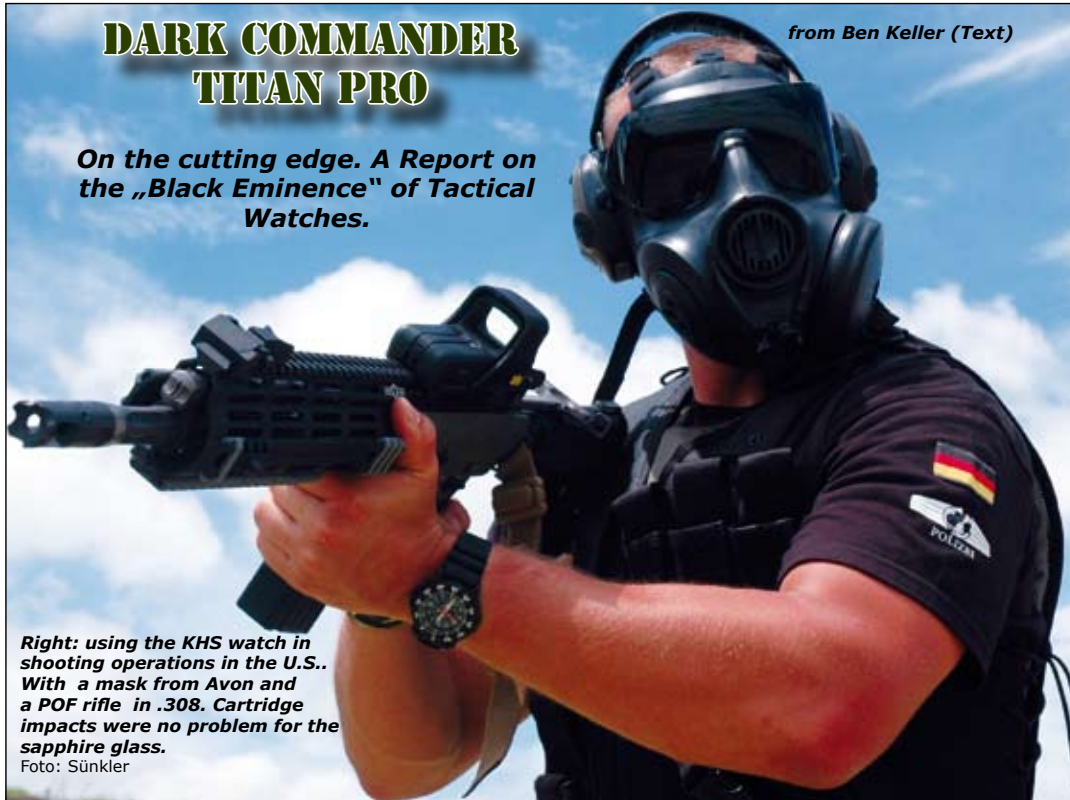
# KHS

## TACTICAL WATCHES

### DARK COMMANDER TITAN PRO

*On the cutting edge. A Report on the „Black Eminence“ of Tactical Watches.*

from Ben Keller (Text)



Right: using the KHS watch in shooting operations in the U.S.. With a mask from Avon and a POF rifle in .308. Cartridge impacts were no problem for the sapphire glass.  
Foto: Sünkler

In a further test of the tactical military watch, we would like to introduce the well-known producer of each KHS TACTICAL WATCH. Furthermore, the brand KHS TACTICAL WATCHES. The KHS service point company Schmiemann (www.schmiemann.de) is known for Germany, the company schmiemann.de is known on four KHS change straps (NATO „schmiemann.de - Watches and the watch scene as the exclusive provider of high quality leather strap with G-Pad, silinder Ruhr, provided K-ISOM ex- and well-known Swiss military cone strap), a strap changing clusively with the top model of watches and tactical watches tool and a promotional T-shirt KHS TACTICAL WATCHES, the of the brands Traser, H3 Tac-KHS DARK COMMANDER TITAN PRO for test purposes. military watches. The package Weber. The watches were tested by experienced police offic-

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ers of an riot control unit, from time) cannot be set as would er. The *trigalights* of the KHS paratroopers snipers, from be possible, for example, in German Federal Navy combat the *SNOON Streetfighter GMT*. PRO are affixed to the index divers, survival instructors from In addition, the titanium bezel point of the bezel, the face and the Special Operations Training has a black PVD coating which the hands so that it is possible Centre and by the Belgian Army gives the clock a special tactical to read the time and dive even Special Forces. advantage as there are then no in total darkness, with no addi-

#### Materials and Properties of the Watch

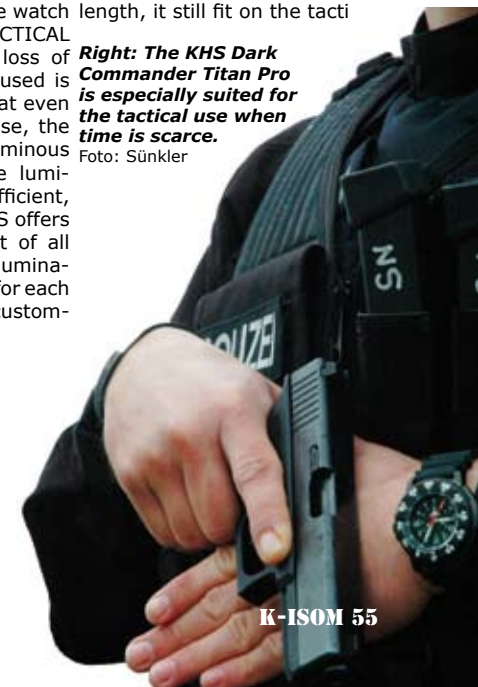
The housing and watch case- back of the 67 gram light watch is made of an especially robust titanium, making the Swiss quartz movement particularly well-protected. The glass of the KHS DARK COMMANDER TITAN PRO is made of sapphire proven *H3-illumination* system of the Swiss company MB MICROTEC. This refers to the so-called *trigalights* which are small sealed glass tubes which are coated on the inside with phosphor and activated to illuminate by tritium gas (H3). Even after shooting (several cartridges hit the glass), there were no complaints. Conclusion: The glass delivers what it promises! The crown and case-back of the watch are screwed to the 12.3 year half-life of the watch is optimally protected and the stated water resistance of up to 20 bar is guaranteed. Unfortunately, the watch could not be tested during a diving operation by the police but it was tested internally by combat divers of the German Federal Navy in Eckernförde. There were no signs of water penetration from diving, swimming or prolonged stays in water. It has an analogue time display with *trigalights* with an H3-illumination minute and hour indicators as well as a sweeping seconds hand. The left-turning bezel is made of titanium, just like the crown and watch caseback and is furnished with clear and easy to read white numbers, minutes and an index point with an *H3-trigalight* pointer (tritium). Thus, an approximate determination of the immersion time in a diving operation is possible but a second time zone (ZULU

#### The Straps

The NATO fabric strap is completely black and, at 35 cm long, much longer than any other manufacturer of NATO straps in the market. Once the bracelet was cut to the desired length, it still fit on the tacti

**Right: The KHS Dark Commander Titan Pro is especially suited for the tactical use when time is scarce.**

Foto: Sünkler



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**Above: Undersea divers also tested the watch on their diving boards and in their wetsuit.** Foto: JH

cal gloves. Conclusion: The NATO strap along with the diver strap are especially recommended. The leather strap with the buckle is very sturdy and seems to be made for civilian life with a tactical watch. It is very comfortable to wear and has a completely black look. However, if you are travelling in hot climates and sweat a lot, it becomes discoloured from below by sweat after a while, but this is natural. The good skin compatibility is an advantage of this strap. The leather strap is also still available in a design with a G-Pad (base or ground pad) which sits between the clock and the skin. This prevents the housing from coming into contact with the skin and this can be especially important for allergy sufferers. The silicone strap with plastic buckle, also completely in black, is also very well made. Even if you sweat or it gets wet, it does not slip on the skin and does not feel uncomfortable. After some time, however, some dirt gathers in the grooves of the underside of the bracelet, but this is no problem

with regular care. The diver strap, is plastic and very well-made, comfortable to wear and, as indicated by its name, especially suitable for maritime applications. Even if you begin to sweat when the temperature exceeds 40 ° C and there is 90% humidity in summer on the shooting range in the U.S., it does not feel uncomfortable on the skin. However, it could take slightly longer to be able to pull it over the gloves (for diving). After only four months of wear, some natural dirt gathered on the bottom in the grooves of the strap. With a little care, this is again not a major problem. Conclusion: The best available strap from KHS for military and tactical use! Highly recommended. Finally, special mention goes to the fact that KHS TACTICAL WATCHES do not use any silver metallic reflective clasps like most manufacturers of tactical watches do. Rather, all of the straps use non-reflective black coated strap clasps. This reinforces the tactical advantage of the already-mentioned black housing immensely because no reflective or brightly shining components can interfere with a night mission. Changing straps is easy with the changing tool. First, the spring bars are pressed out from between the watch

**Left: Not only for police and military, but also for the tactical security services in crisis areas.** Foto: Sünkler



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**Left: Testing the watch in an amphibious environment in the North Sea**  
Foto: Sünkler

land can hardly be broken and it fulfils its purpose very reliably and without compromise!

## Combat divers and Snipers

A combat diver said of the same model: „The representation of the digits and a 24-hour dial are well-suited to day and field service, just like the minute subdivision of the rotating assembly. However, under water, even during the day, the individual numerals can be recognized as something nebulous with the diving mask but this is true in many watches under these conditions. A big plus is the durability of the luminosity, without the need for illumination beforehand. For underwater use, it was a bit complicated to move the rotating assembly with the plump glove but this too is not unusual. In comparison to other watches, the watch described scores points in the duration of luminosity. The research was based on three dives, two in daylight and one night dive.„ A paratrooper sniper instructor who wore the same model over three months in field training reports: "The conversion from an elastic to fabric strap was simply explained in the instructions and could also be carried out with dirty fingers in the field in about ten minutes. Since the fabric strap was cut very generously, it was summarily cut in full field conditions to the desired length. All other modifications of the straps were quickly

and the strap using the fork spring bar tool. Then the spring bars are inserted into the new strap and the strap is pressed in to the watch using the spring bar tool. This procedure initially requires some practice but a complete change can be accomplished in a minute after a few tries. The tool kit, which can also be purchased from KHS TACTICAL WATCHES, is a good alternative to going to the watchmaker if you own several straps for the watch and want to change them frequently according to their application.

## Tests and Conclusions under Extreme Conditions

To simulate arctic cold, the KHS DARK COMMANDER TITANIUM PRO with diver strap was placed in a freezer at -18 ° C for 24 hours and then its functions were tested. After the watch was frozen, the bezel could still be turned with a little more resistance but this is logical. The glass initially had to be cleared of the thin layer of ice to read the time. Here it was found that the clock in the frozen state reliably indicates the correct time and the mechanics inside work even in these cold conditions. The diver strap could be flexibly bent without problems. No penetration of moisture into the interior of the watch could

be found. Conclusion: Even in the icy cold, KHS DARK COMMANDER TITANIUM PRO functions reliably and without compromise, „cool as ice"! To simulate marine conditions the KHS DARK COMMANDER TITANIUM PRO was put in a container with salt water for seven days and then its functions were tested. In the entire process, there was no evidence that the aggressive water had gotten into the watch. The salt water did not even leave a trace on the sapphire crystal. This was also the case with the diver strap. Conclusion: The KHS DARK COMMANDER TITANIUM PRO even functions in salt water without problems. This is also to be expected from a watch of this quality level. Conclusion: The KHS DARK COMMANDER TITANIUM PRO is, above all, a high quality and very light watch for tactical use. The price of € 579.00 for the version with diver strap is not just pocket money. However, this is money well invested since the KHS DARK COMMANDER TITANIUM PRO which is produced in Switzer-

**The watch is particularly suitable for tactical land operations or special tasks in an amphibious environment. The black coating adapts to the clothing and equipment of the military users. Note also an FN P90 in 5.7 mm x 28.** Foto: Sünkler



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**Above: Shipment for extensive field testing. Various tactical and practical change tools and straps round out the package.** Foto: Sünkler



**Left & below: The sniper paratroopers during training. The KHS watch was worn open intentionally for the photo shoot.** Foto: Palme



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done by the hand and completed in two to three minutes. The manual is short and provides simple and detailed explanations. After having read through the manual for a few minutes, you can easily adjust the watch. Overall, very user friendly. The comfort of wear of the watch is good. The materials used are of high quality and very well made. Even after three months of use in combat service, neither the housing nor the watch glass had any visible scratch marks. The watch was knocked and scratched several times against a number of obstacles. The only signs of everyday wear and tear which could be seen were on the straps: scratches in the metal closures, some buckling wrinkles, discolouration of the light sole leathers and other normal and natural wear and tear marks. The tritium tubes (GTLS) are very clean in the hands and the digits (five-minute steps) and have a very good luminance. You can read the time day or night without any additional light sources. The tuning of the second hand is also perfect. The second hand moves very cleanly to the next minute display and no skipping was observed. The user manual states an accuracy of  $\pm 0.66$  seconds

per day. This corresponds to a maximum deviation of 40 seconds in two months which is normally adhered to. The watch is a high-quality made watch". A member of the Belgian Special Forces says in conclusion: "Overall a good diving watch, with a stable and lightweight construction. The watch is easy to read on land and under water. Due to the strong luminance of tritium, however, the night vision goggles are easily irritated since they operate on the basis of residual light amplifiers. The situation could be remedied by choosing a strap that has an integrated tactical protection cap". Indeed, KHS TACTICAL WATCHES are currently working exactly on this accessory and a solution to this problem in the series will very soon be made available.

**Below: The KHS watch turned out to be a light and tactical companion whose sapphire glass ensures that it need not fear any operation.** Foto: Sünkler



# KHS TACTICAL WATCHES

## DARK COMMANDER TITAN PRO



FIELD



BLUE



OPERATION TIMER

### SPECIFICATIONS:

Titanium case with crown protector, screwed case bottom/crown made of titanium, water resistance up to 20 ATM after DIN8310 / ISO2281, scratch-resistant sapphire glass with anti-reflective cut, quartz movement "SWISS MADE" with date indication, hour-, minute- and red coloured second hand for tactical "to the second"-operations with H3-tritium light source, left turning titanium bezel with 60-minute resolution and H3-pointer, H3-Trigalight from 1-12 o'clock, available with nato-, diver-, silicone-, leather-, leather- (G-Pad) and titanium-band.

### PRICE LIST:

KHS.DCTP.N	Dark Commander Titan Pro Field with Nato-Band	579,00 Euro
KHS.DCTP.D	Dark Commander Titan Pro Field with Diver-Band	579,00 Euro
KHS.DCTP.S	Dark Commander Titan Pro Field with Silicone-Band	579,00 Euro
KHS.DCTP.L	Dark Commander Titan Pro Field with Leather-Band	579,00 Euro
KHS.DCTP.R	Dark Commander Titan Pro Field with Leather-Band	589,00 Euro
KHS.DCTP.T	Dark Commander Titan Pro Field with Titanium-Band	639,00 Euro
KHS.DCTPB.N	Dark Commander Titan Pro Blue with Nato-Band	599,00 Euro
KHS.DCTPB.D	Dark Commander Titan Pro Blue with Diver-Band	599,00 Euro
KHS.DCTPB.S	Dark Commander Titan Pro Blue with Silicone-Band	599,00 Euro
KHS.DCTPB.L	Dark Commander Titan Pro Blue with Leather-Band	599,00 Euro
KHS.DCTPB.R	Dark Commander Titan Pro Blue with Leather-Band	609,00 Euro
KHS.DCTPB.T	Dark Commander Titan Pro Blue with Titanium-Band	659,00 Euro
KHS.DCTPOT.N	Dark Commander Titan Pro Operation Timer with Nato-Band	599,00 Euro
KHS.DCTPOT.D	Dark Commander Titan Pro Operation Timer with Diver-Band	599,00 Euro
KHS.DCTPOT.S	Dark Commander Titan Pro Operation Timer with Silicone-Band	599,00 Euro
KHS.DCTPOT.L	Dark Commander Titan Pro Operation Timer with Leather-Band	599,00 Euro
KHS.DCTPOT.R	Dark Commander Titan Pro Operation Timer with Leather-Band	609,00 Euro
KHS.DCTPOT.T	Dark Commander Titan Pro Operation Timer with Titanium-Band	659,00 Euro

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ILLUMINATION  
SYSTEM**



**SWISS MADE**

THE MODEL SERIES "KHS DARK COMMANDER TITAN PRO" MATCHES ALL OF THE U.S.-ARMY-SPECIFICATIONS MIL-W-46374F FOR SPECIAL FORCES.

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