



traser[®]
 swiss  watches

international warranty instructions

mination #idisconnect #adventure
 n #self-powered #unlimited #illum
 original #light #innovation #self-
 #illumination #idisconnect #adve

Warranty

Your traser® watch is warranted by mb-microtec Ltd. for a period of twenty-four (24) months from the date of purchase under the terms and conditions of this warranty. The international traser® warranty covers material and manufacturing defects existing at the time of delivery of the purchased traser® watch ("defects"). The warranty only comes into effect if the warranty certificate is dated (purchase date), fully and correctly completed and stamped by an official traser® dealer ("valid warranty certificate").

During the warranty period and by presenting the valid warranty certificate, you will have the right to have defects repaired free of charge. In the event that repairs are improper to restore the normal conditions of use of your traser® watch, mb-microtec Ltd. guarantees its replacement by a traser® watch of identical or similar characteristics. The warranty for the replacement watch ends twenty-four (24) months after the date of purchase of the replaced watch.

This manufacturer's warranty does not cover:

- The life of the battery.
- Normal wear and tear and aging (e.g. scratched crystal; alteration of the colour and/or material of non-metallic straps and chains, such as leather, textile, rubber; peeling of the plating).
- Any damage on any part of the watch resulting from abnormal / abusive use, lack of care, negligence, accidents (knocks, dents, crushing, broken crystal, etc.), incorrect use of the watch and non-observance of the use directions provided by mb-microtec Ltd.
- Indirect or consequential damages of any kind resulting from e.g. the use, the non-functioning, the defects or the inaccuracy of the traser® watch.
- The traser® watch handled by non-authorised persons (e.g. for battery replacement, services or repairs) or which has been altered in its original condition beyond mb-microtec Ltd.'s or an official traser dealer's control.

Any further claim against mb-microtec Ltd. e.g. for damages additional to the above described warranty is expressly excluded, except mandatory statutory rights the purchaser may have against the manufacturer.

The above manufacturer's warranty:

- Is independent of any warranty that may be provided by the seller, for which he carries sole responsibility.
- Does not affect the purchaser's rights against the seller nor any other mandatory statutory rights the purchaser may have against the seller.

The mb-microtec Ltd.'s customer service ensures the perfect maintenance of your traser® watch. If your watch needs attention, rely on an official traser® dealer or an authorised traser® service center listed on the website (www.traser.com/store-locator). They can guarantee service according to mb-microtec Ltd.'s standards.

Replacing the battery

We recommend that you contact an approved traser® service center or an authorised traser® retailer, as they are equipped with the tools and apparatus required to carry out the work and the necessary checks in a professional manner. A worn-out battery should be replaced immediately in order to reduce the risk of leakage and consequent damage to the movement.


trigalight® self-powered illumination


trigalight® consists of hermetically sealed systems, which function entirely without the need for external light or energy sources. Moreover, you can read the time reliably and without having to push a button or any other kind of handling. The trigalight® illumination technology has a lifespan of at least 12 years. However, the intensity of the trigalight® will fade over the years due to radioactive decay. Additionally, minor differences in the brightness of the individual trigalight® components may occur as a result of the production process. A standard traser® watch contains a maximum activity of 1 gigabecquerel (GBq) of tritium gas. The exceptions are marked with T100, indicating the activity concentration of 3.7 GBq. Tritium is a radioactive element found in trace amounts in nature and which can also be man-made. The gaseous tritium is sealed in a small hollow body of mineral glass. The tritium atom decays into helium by emitting a beta particle (electron). Your watch is not giving off any harmful radiation

since the electrons are unable to pass through either the mineral glass or the watch's case.

The trigalight® components are installed in accordance with internationally applicable requirements and will not break nor release tritium gas under the expected mechanical and thermal loads. All watches containing trigalight® need to comply with internationally applicable test requirements and guidelines ISO 9978 and ANSI/HPS N43.4-2005. traser® watches comply with all of these standards and have been approved by the Swiss Federal Office of Public Health under the number «A-211764-59».

Collection and treatment of end of life watches*

 You can return your watch to us for free and correct disposal.

 This symbol indicates that this product should not be disposed with household waste. It has to be returned to a local authorised collection system. By following this procedure you will contribute to the protection of the environment and human health. The recycling of the materials will help to conserve natural resources.

*valid in CH

traser® swiss H3 watches a brand of mb-microtec Ltd.
CH-3172 Niederwangen

traser® is a registered trademark



Warranty USA (only)

Your traser® watch is warranted by mb-microtec Ltd. FOR A PERIOD OF TWENTY-FOUR (24) MONTHS FROM THE DATE OF PURCHASE under the terms and conditions of this warranty. The international traser® warranty covers material and manufacturing defects existing at the time of delivery of the purchased traser® watch ("defects"). The warranty only comes into effect if the warranty certificate is dated (purchase date), fully and correctly completed and stamped by an official traser® dealer ("valid warranty certificate").

During the warranty period and by presenting the valid warranty certificate, you will have the right to have defects repaired free of charge. In the event that repairs are improper to restore the normal conditions of use of your traser® watch, mb-microtec Ltd. guarantees its replacement by a traser® watch of identical or similar characteristics. The warranty for the replacement watch ends twenty-four (24) months after the date of purchase of the replaced watch.

This manufacturer's warranty does not cover:

- The life of the battery.
- Normal wear and tear and aging (e.g. scratched crystal; alteration of the color and/or material of non-metallic straps and chains, such as leather, textile, rubber; peeling of the plating).
- Any damage on any part of the watch resulting from abnormal / abusive use, lack of care, negligence, accidents (knocks, dents, crushing, broken crystal, etc.), incorrect use of the watch and non-observance of the use directions provided by mb-microtec Ltd.
- Indirect or consequential damages of any kind resulting from e.g. the use, the non-functioning, the defects or the inaccuracy of the traser® watch.
- The traser® watch handled by non-authorized persons (e.g. for battery replacement, services or repairs) or which has been altered in its original condition beyond mb-microtec Ltd.'s or an official traser dealer's control.

ALL APPLICABLE IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE GIVEN TO YOU BY LAW ARE HEREBY LIMITED IN

DURATION TO THE DURATION OF THIS WARRANTY. UNDER NO CIRCUMSTANCES WILL mb-microtec Ltd. BE LIABLE FOR ANY INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND.

Some states do not allow limitations on how long implied warranties last, or exclusions or limitations of incidental or consequential damages, so exclusions or limitations mentioned may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

The mb-microtec Ltd.'s customer service ensures the perfect maintenance of your traser® watch. If your watch needs attention, rely on an official traser® dealer or an authorized traser® service center listed on the website (www.traser.com/store-locator). They can guarantee service according to mb-microtec Ltd.'s standards.

Replacing the battery

We recommend that you contact an approved traser® service center or an authorized traser® retailer, as they are equipped with the tools and apparatus required to carry out the work and the necessary checks in a professional manner. A worn-out battery should be replaced immediately in order to reduce the risk of leakage and consequent damage to the movement.


trigalight® self-powered illumination


trigalight® consists of hermetically sealed systems, which function entirely without the need for external light or energy sources. Moreover, you can read the time reliably and without having to push a button or any other kind of handling. The trigalight® illumination technology has a lifespan of at least 12 years. However, the intensity of the trigalight® will fade over the years due to radioactive decay. Additionally, minor differences in the brightness of the individual trigalight® components may occur as a result of the production process. A standard traser® watch contains a maximum activity of 1 gigabecquerel (GBq) of tritium gas. The exceptions are marked with T100, indicating the activity concentration of 3.7 GBq. Tritium is a radioactive element found in trace

amounts in nature and which can also be man-made. The gaseous tritium is sealed in a small hollow body of mineral glass. The tritium atom decays into helium by emitting a beta particle (electron). Your watch is not giving off any harmful radiation since the electrons are unable to pass through either the mineral glass or the watch's case.

The trigalight® components are installed in accordance with internationally applicable requirements and will not break nor release tritium gas under the expected mechanical and thermal loads. All watches containing trigalight® need to comply with internationally applicable test requirements and guidelines ISO 9978 and ANSI/HPS N43.4-2005. traser® watches comply with all of these standards and have been approved by the Swiss Federal Office of Public Health under the number «A-211764-59»).

Collection and treatment of end of life watches*

 You can return your watch to us for free and correct disposal.

 This symbol indicates that this product should not be disposed with household waste. It has to be returned to a local authorized collection system. By following this procedure you will contribute to the protection of the environment and human health. The recycling of the materials will help to conserve natural resources.

*valid in CH

traser® swiss H3 watches a brand of mb-microtec Ltd.
CH-3172 Niederwangen

traser® is a registered trademark



Precautions and Preventive Measurements

Temperature

Do not expose your watch to sudden temperature changes (e.g. exposure to sunlight followed by immersion in cold water) or extreme temperatures [over 60°C (140°F) or below 0°C (32°F)].

Magnetic fields

Do not expose your watch to intense magnetic fields such as loudspeakers, mobile phones, computers or refrigerators and other electromagnetic appliances.

Shocks

Avoid impacts, drops, and repeated friction that could abrade the metal and affect the watch mechanism. In the event of a violent shock please have your watch checked by an authorised traser® service center.

Harmful products

Avoid direct contact with solvents, detergents, perfumes, cosmetic products or other chemical products, since they may damage the bracelet, the case or the gaskets.

Care and checks

Clean the case and bracelet regularly using a soft cloth to prevent any corrosion caused by perspiration. All water resistant watches can be cleaned with a toothbrush and soapy water, and then dried with a soft cloth. After being worn in the sea, the watch must be rinsed with warm fresh water and then dried completely.




Water resistance

Water resistance of watches is rated based on laboratory pressure tests comparable to a swimmer or diver sitting still at that pressure level. However, many water-based activities involve a lot of movement and other environmental changes. These exceptions to how the watch was rated may challenge or defeat the water protection features of a water resistant watch.

The water resistance of a watch cannot permanently be guaranteed. It may be affected by ageing of gaskets or by accidental shock to the crown. We recommend that you have the water resistance of your watch checked once a year by an authorised traser® service center.

Never activate the time-setting crown and/or the pushers while the watch is under water and make sure that the crown has been pushed/screwed down tightly after every operation.

Do not under any circumstances open the watch yourself; arrange to get it inspected by an authorised traser® service center only. All traser® watches are water-resistant at least to 3 atm/bar (30m/100ft).

	Metric Scale*	Imperial Scale**
	3bar/30m	40psi/100ft
watches can withstand minor moisture from splashing, but should not be worn for swimming, diving, bathing, or showering.		
	10bar/100m	140psi/330ft
can be used for snorkeling, swimming, and other water sports, but not high board diving or subaqua diving.		
	20bar/200m	280psi/660ft
Suitable for high impact water sports and subaqua diving not requiring helium.		

*bar/meters (m)

**pound per square inch (psi)/feet (ft)

traser® finishings

Galvanic coatings

These coatings are applied by electrolysis. By varying the timing and current intensity, it is possible to vary the thickness and nature of the different layers (e.g. gold, silver, copper, etc.).

PVD (physical vapour deposition) coating

This process is performed under vacuum. Microscopic particles are deposited on the products by ion bombing. Very thin layers (1 to 3 µm) of impurity-free components can be made, which possess a high level of hardness (nitride, carbides, etc.). PVD has the advantage of being a thin but hard layer, corrosion-resistant, with strong adhesion and providing a numerous choice of colours. Thanks to the inert nature of PVD, the risks of intolerance entailed by its use are minimised.

Titanium

Titanium is a metallic element found in the Earth's crust. Hardened titanium is 30% tougher but around 40% lighter than steel, and is 100% recyclable. Thanks to the biocompatible nature of titanium, the risks of intolerance entailed by its use are minimised. When exposed to the atmosphere, titanium forms an oxide film that makes titanium resistant to salt water and human perspiration corrosion.

Sapphire glass

Sapphire is manufactured from aluminium oxide (Al₂O₃). Transparent and colourless, it can only be scratched or cut with a diamond. Due to its extreme hardness, sapphire is virtually immune to deterioration or distortion, scratch-proof and resistant to wear and chemical attack. Highly polished, sapphire is perfectly transparent.

Mineral glass (K1)

Mineral glass is hardened by a tempering process and is coated in a hard material, which makes it less likely to be scratched.

Bronze

Alloy typically made out of 88% copper and 12% tin. Bronze only oxidises superficially. Once an oxide layer is formed, the underlying metal is protected from further corrosion. The outer layer of oxidation can be cleaned to restore its original state. Cleaning instructions can be downloaded on our website ([link](#)).

Leather

Leather is a durable and flexible material created by tanning animal rawhides. Leather provides a high resistance against tearing, flexing and puncturing. We do not recommend immersing a leather strap in water to avoid erosion and fast-aging of the material.

Silicone

Silicone is a polymer, which exhibits many useful characteristics such as thermal stability between -148°F to 482°F (-100°C to 250°C), a low chemical reactivity, resistance to ultra-violet light and prevents microbiological growth.



Precautions and Preventive Measurements

Rubber

Natural material exhibiting high resilience, elasticity and is extremely waterproof.

Stainless steel 316L

For the manufacture of all accessible components of its steel watches, traser® has selected a very high quality stainless steel from the 316L family. The advantages of this steel are its high corrosion resistance and excellent durability.

Services

Like any precision instrument, a watch must be serviced regularly for optimum operation. As a general rule, we recommend that you have your watch checked every 3 to 4 years by your official traser® retailer or service center. However, please note that depending on the climate and the conditions of use of the watch, a shorter interval may be required. To benefit from the highest standards of service and to ensure your guarantee remains in force, please always contact an official traser® retailer or service center.