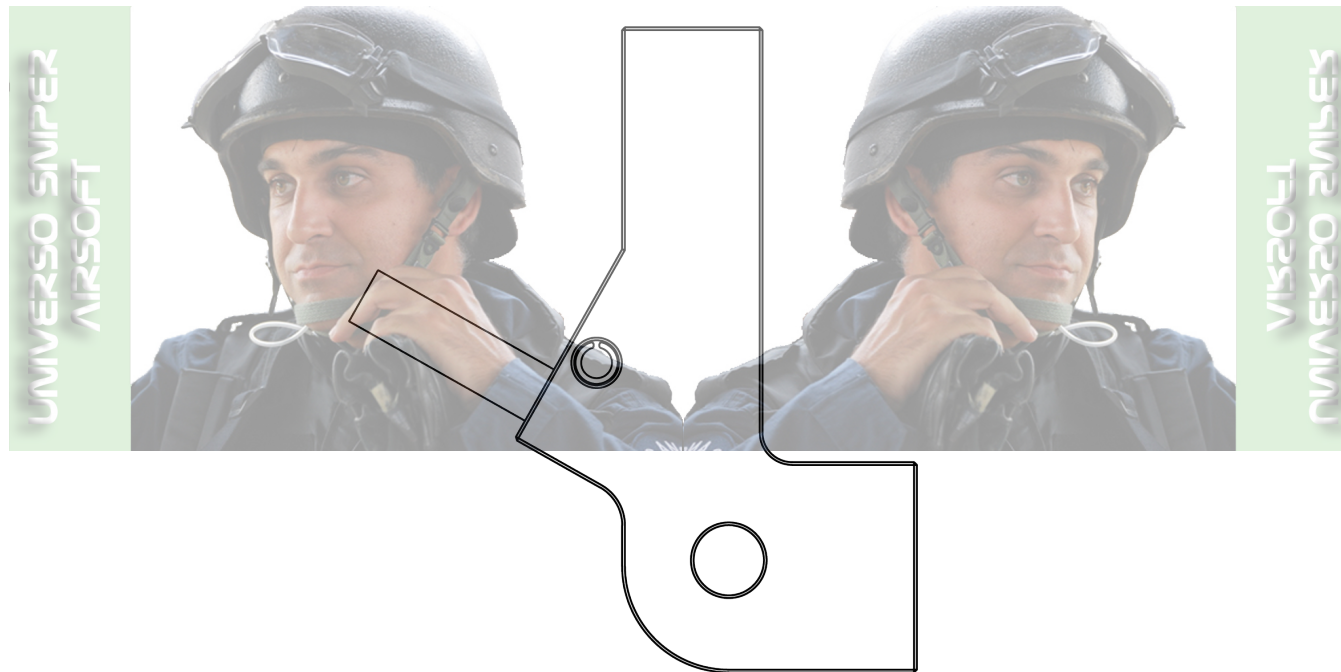


GATE TACTICKER



General Information

Congratulations on your brand new **TACTICKER** from **GATE ENTERPRISE**.

TACTICKER is an advanced resistance mechanism that replicates the **feel** and **functionality** of **real firearm triggers**. It offers adjustable **resistance force**, providing users with a **realistic** and **immersive** shooting experience. Crafted with CNC technology, **TACTICKER** offers the flexibility to set different operational characteristics – from combat, two-stage configuration, through slight resistance and short pull as in shooting sports, up to a very sensitive Speedsoft trigger – in the case of adjustable movement triggers, where it's possible to eliminate the standard trigger spring.

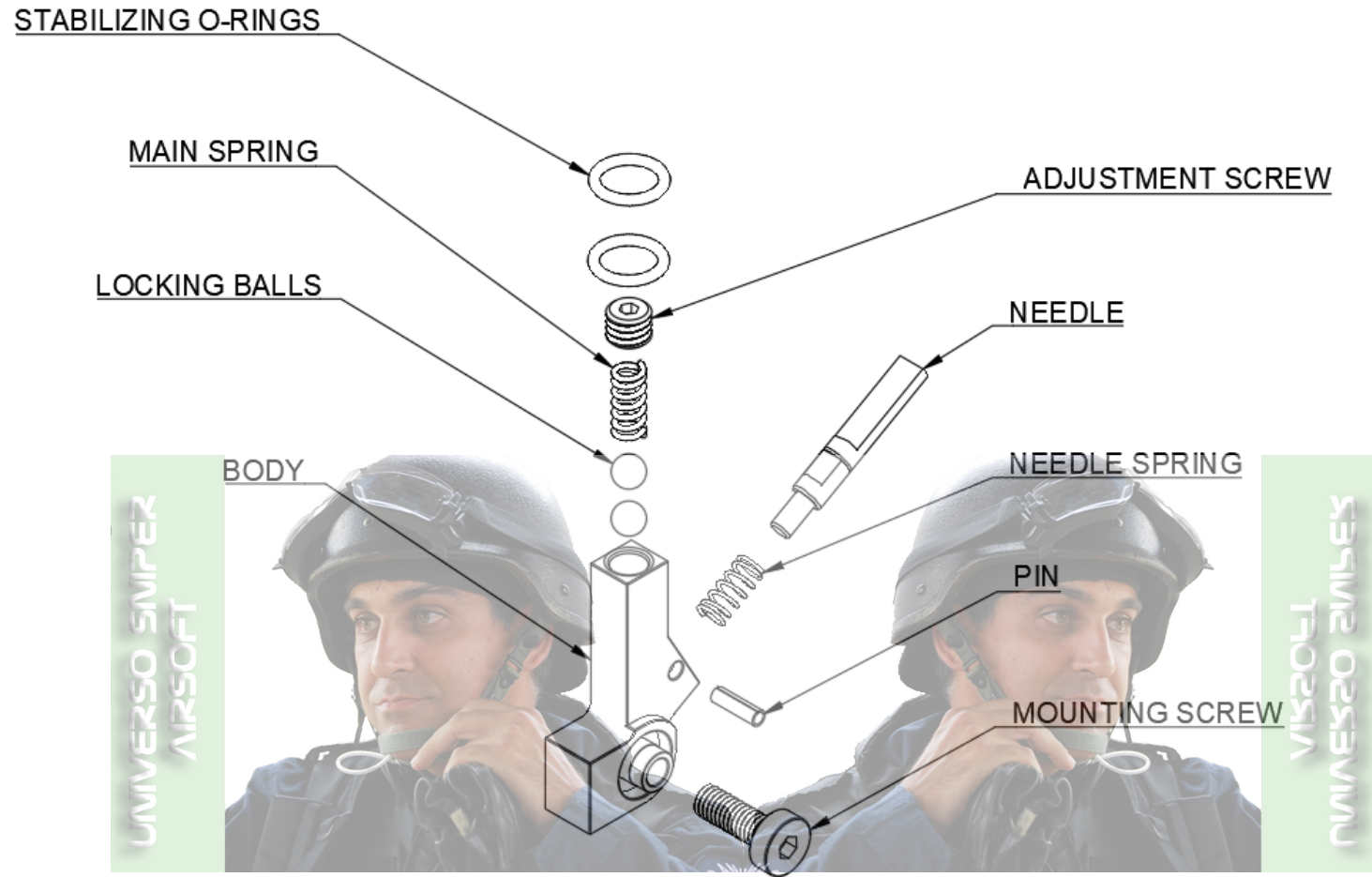
The information contained in this document is subject to change without notice.

Read carefully before use. Keep for future reference.

Failing to read this information may void the guarantee!

When using the product, always follow basic safety rules to reduce the risk of injury from fire or electrical shock.

Device Structure



Safety Summary

Please read this to ensure safe and correct use. Retain for future reference. The information contained in this document is subject to update without notice. When using a product listed here be sure to obtain the latest specifications.

For your safety, we recommend this product to be installed by a skilled person.

Warning

Situations that may cause injury to yourself or others.

Caution

Situations that may cause damage to your device or other equipment.

Note

Notes, usage tips or additional information.

Warning

This device is not a toy and may not be operated by people (including children) with limited physical or mental abilities, as well as by people with no earlier experience in operation of electronic equipment. They may use the device only under the supervision of people responsible for their safety.

**Warning**

Before starting the installation process, make sure that your ASG replica magazine is empty and there are no BBs inside.

Warning

When installing the device, every person within the replica's range must wear personal protective equipment.

Warning

This equipment is not suitable for use in locations where children are likely to be present.

Warning

Persons under 18 years of age ought not stay unattended near the device during the installation or servicing of a device installed in an ASG replica.

Warning

Persons under 18 years of age ought not stay unattended near the device installed in an ASG replica ready for use.

Warning

Persons under 18 years of age are not allowed to install or commission the device in an ASG replica.

Warning

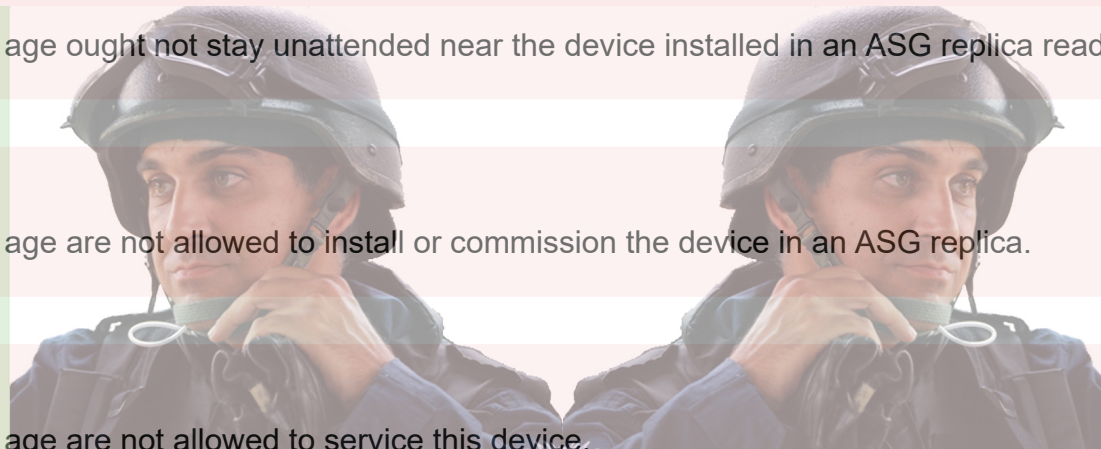
Persons under 18 years of age are not allowed to service this device.

Warning

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the device, its parts or accessories.

Warning

Excessive trigger sensitivity may cause unintentional discharge (firing).



Warning

When an airsoft replica is not in use, its battery must be disconnected and the hop-up chamber must be empty.

Warning

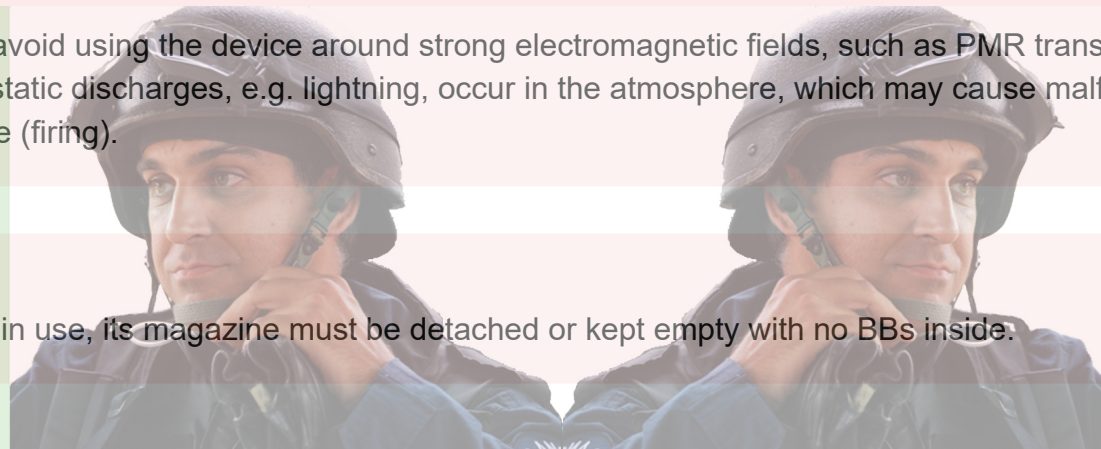
While handling an HPA replica with a connected battery, anyone within the range of the replica must wear personal protective equipment.

Warning

When not in SAFE mode, avoid using the device around strong electromagnetic fields, such as PMR transmitters exceeding European standards or when electrostatic discharges, e.g. lightning, occur in the atmosphere, which may cause malfunction of the device and unintentional discharge (firing).

Warning

When an airsoft gun is not in use, its magazine must be detached or kept empty with no BBs inside.



TACTICKER Installation in the Gearbox

Introductory Information

Note

In case you have any difficulties while installing or using this product:

- contact us via <https://help.gatee.eu>
- send us an e-mail: support@gatee.eu

- join [GATE Airsoft Community Discord Server](#)

Installation of the TACTICKER in the gearbox, using the example of a replica with TITAN II Bluetooth® installed

Note

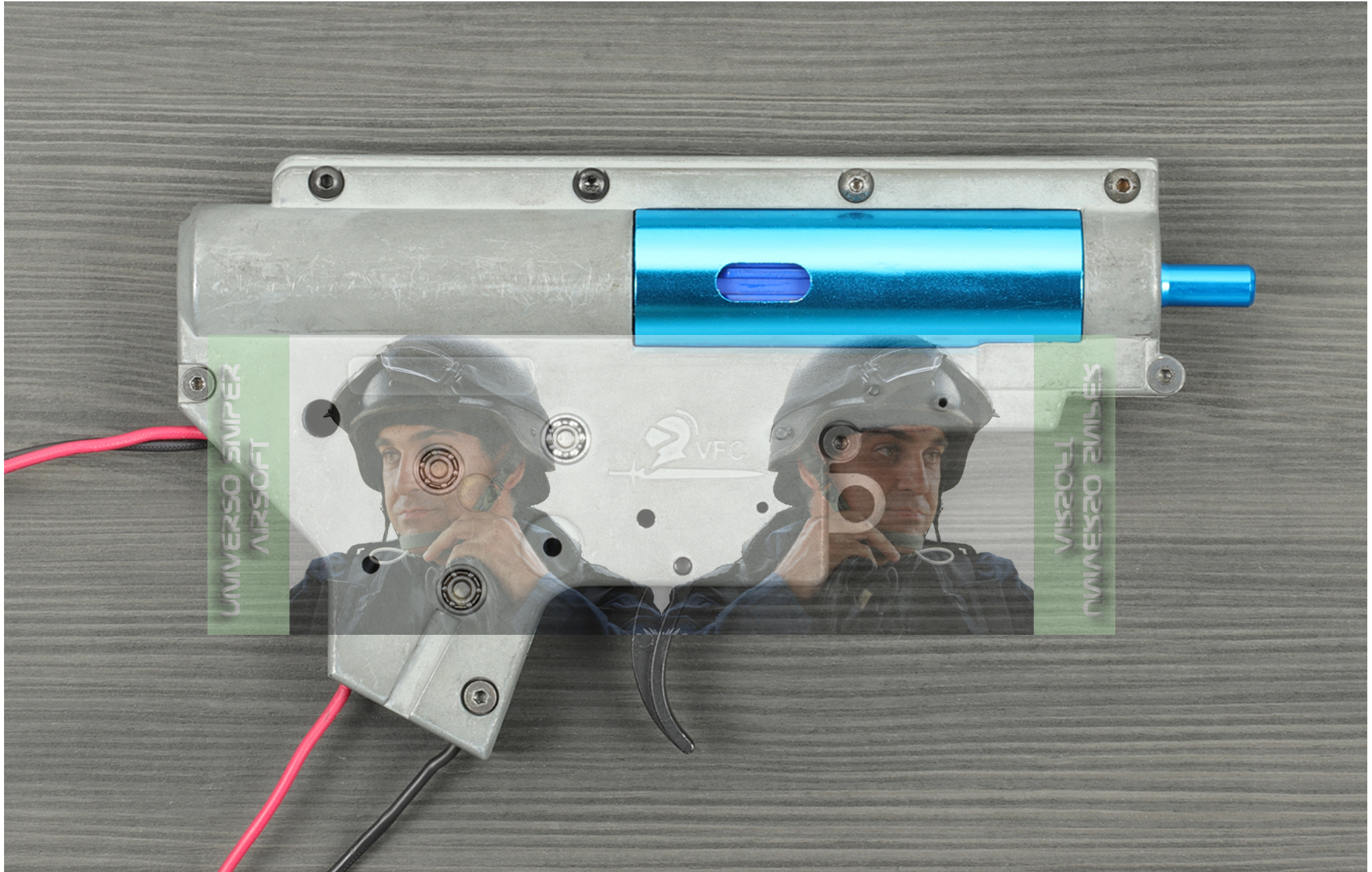
The installation and configuration of TACTICKER with ASTER II Bluetooth® and ASTER V2 is similar.

1. Have ready the replica where you will install TACTICKER.



2. Remove the gearbox shell from the replica.





3. Remove the upper part of the gearbox and pull out the piston and cylinder assembly.

Caution

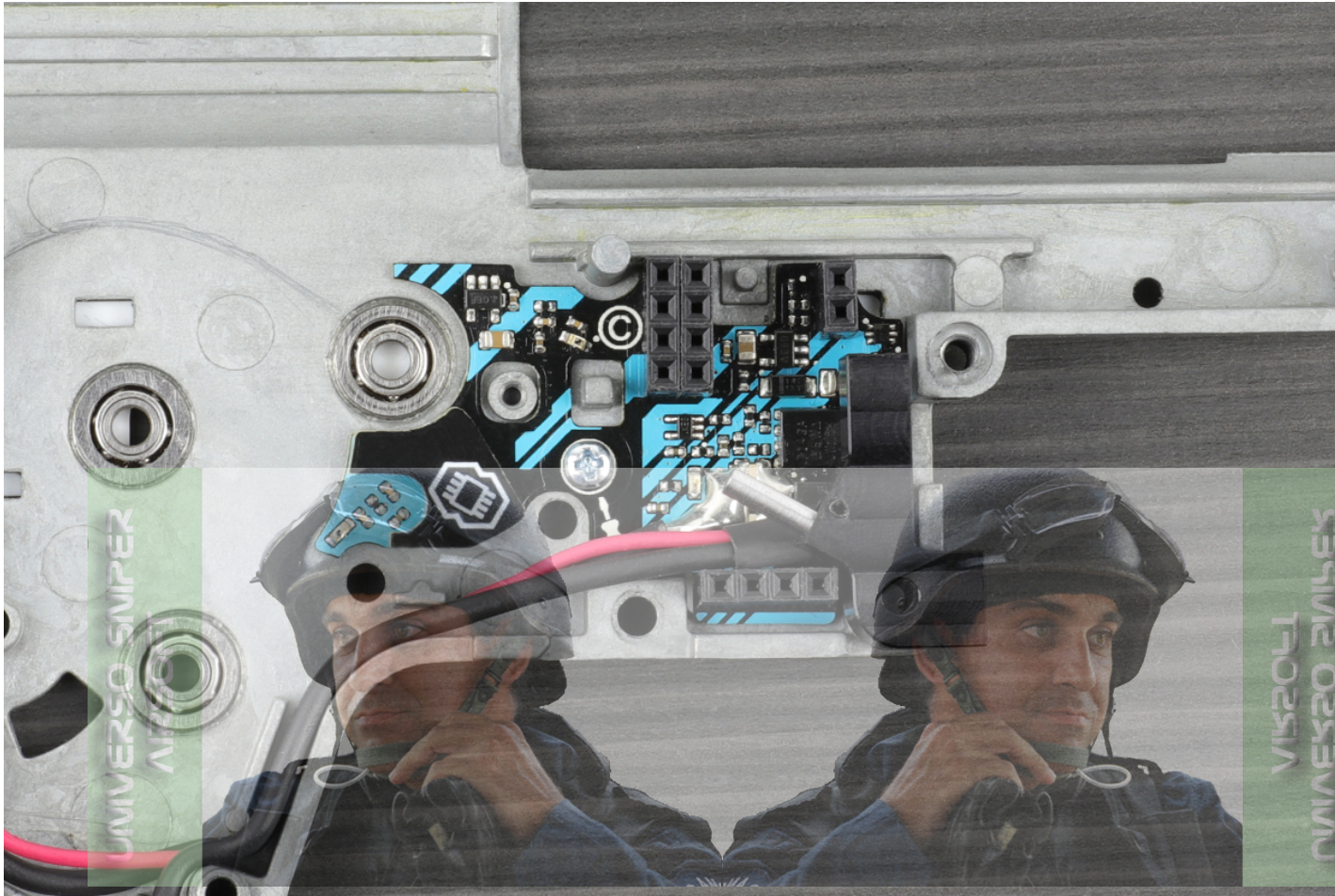
If you have a mechanical trigger lock, it will need to be removed.

4. For TITAN, remove the top PCB**5. Before installing TACTICKER, make sure that the selector plate is correctly installed. Once the TACTICKER is fitted, selector plate**

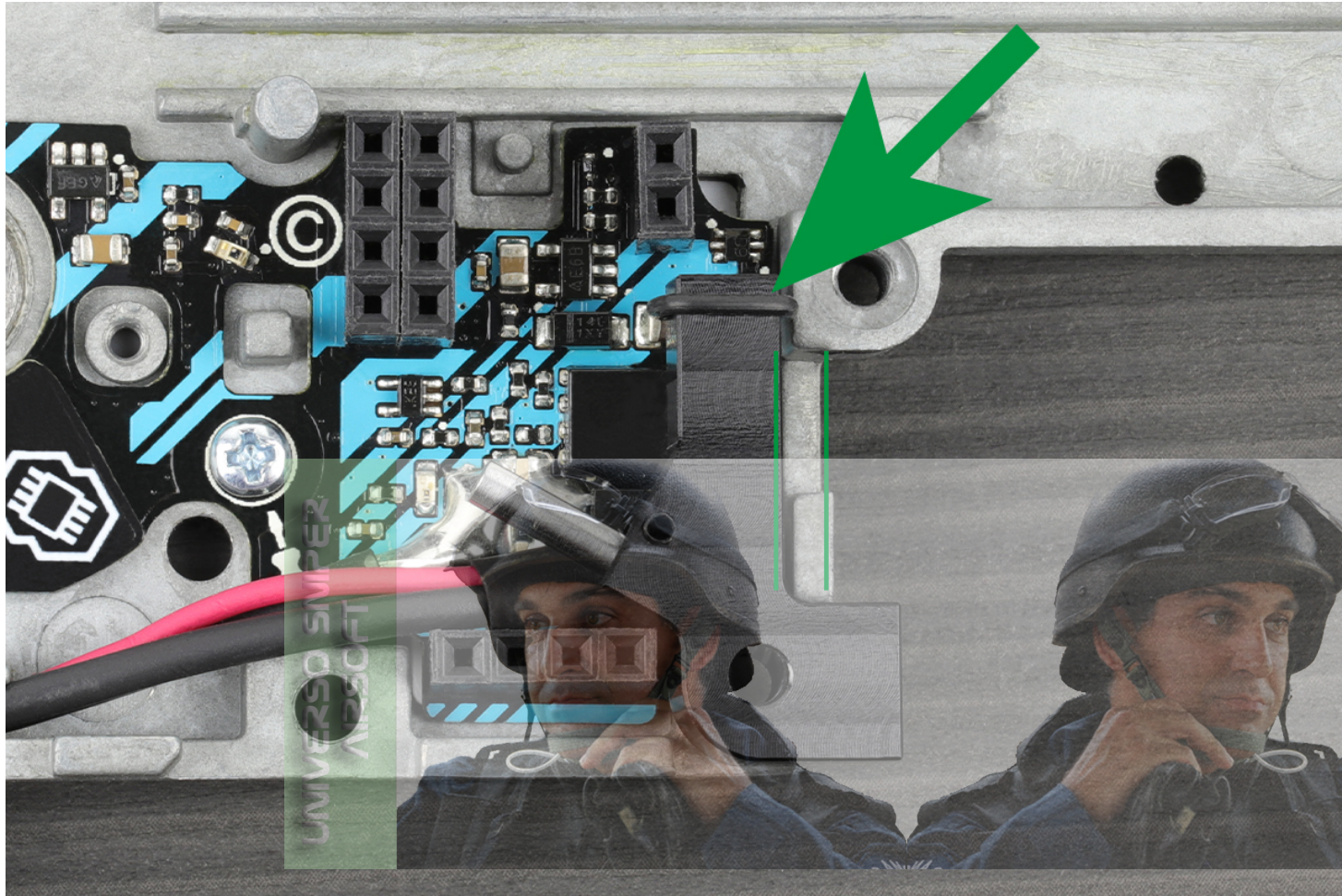
installation may be difficult or impossible.



6. Put the TACTICKER where the trigger lock was mounted.



7. If necessary, use the O-rings from the set to eliminate any play between the gearbox wall and the body. The thickness of the O-ring should be chosen so that the front wall of the TACTICKER is parallel to the gearbox wall



8. Keeping the TACTICKER in place, screw in the screw from the other side of the gearbox with moderate torque – using too much force can damage the thread. We recommend securing the screw with thread glue.



9. Install the trigger with the spring (and the top PCB in the case of TITAN).



Caution

For TITAN, check that the processor on the top board does not touch the TACTICKER body. The safe distance between these components should be about 0.3 mm. If the elements are in contact with each other, disassemble the TACTICKER and lightly grind the element on which the trigger lock was mounted, so that it settles lower after reassembly - the upper plane of the TACTICKER should be at most x mm above the lower TITAN PCB.



10. Close the gearbox and tighten it with screws.

TACTICKER adjustment

Caution

The adjustment of the TACTICKER is very sensitive; therefore, we recommend making no more than a quarter turn of the adjustment screw at a time to find the optimal setting. Over-tightening the screw (more than 2 turns) may cause the mechanism to lock. In such a case, the adjustment screw should be loosened until the mechanism becomes responsive again.

Caution

Please remember to secure the TACTICKER adjustment screw with thread-locking adhesive after completing the adjustment.

1. To adjust the trigger break force, use the screw located at the top of the body—tightening it increases the break force, while loosening it decreases it.
For better trigger feel, it's recommended to perform this adjustment with the gearbox shell closed, manipulating the screw through the cylinder window. During this process, it's necessary to remove the HPA cylinder/engine assembly and use a long and narrow hex key (size 2.0mm 5/64").



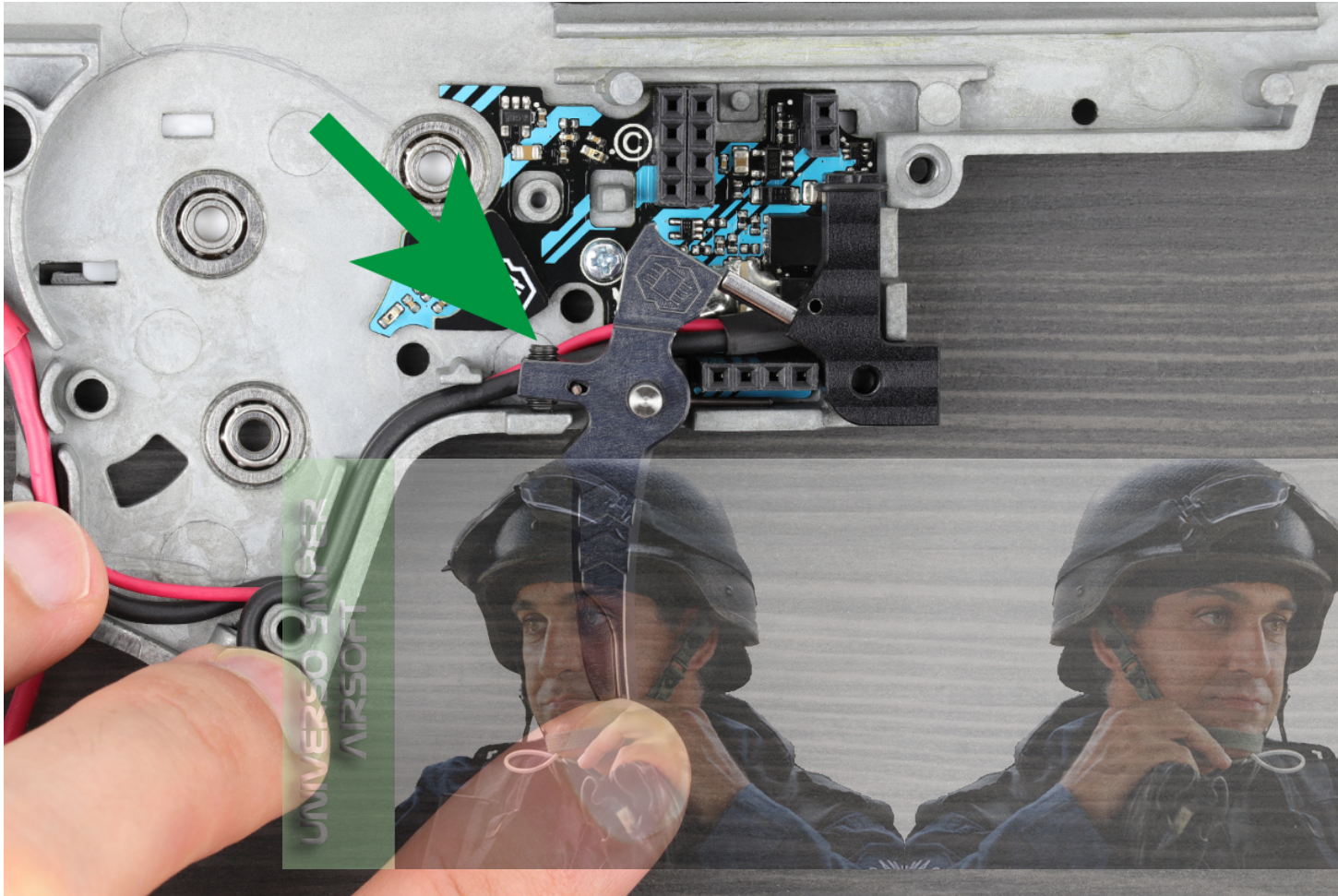


2. Depending on the type of trigger you have, you may achieve different trigger characteristics. When installed in a gearbox with a non-adjustable trigger or an adjustable trigger set in a neutral position, the TACTICKER will simulate a two-stage trigger.

First stage - the initial resistance, which depends on the stiffness of the trigger spring.

Second stage - the break point after which the shot is fired, and whose resistance is adjusted by the screw in the TACTICKER.

3. For adjustable triggers, it is possible to set up a single-stage trigger and remove the trigger spring to achieve a lighter pull. To do this, adjust the trigger pretravel so that the trigger touches the TACTICKER firing pin in its initial position.

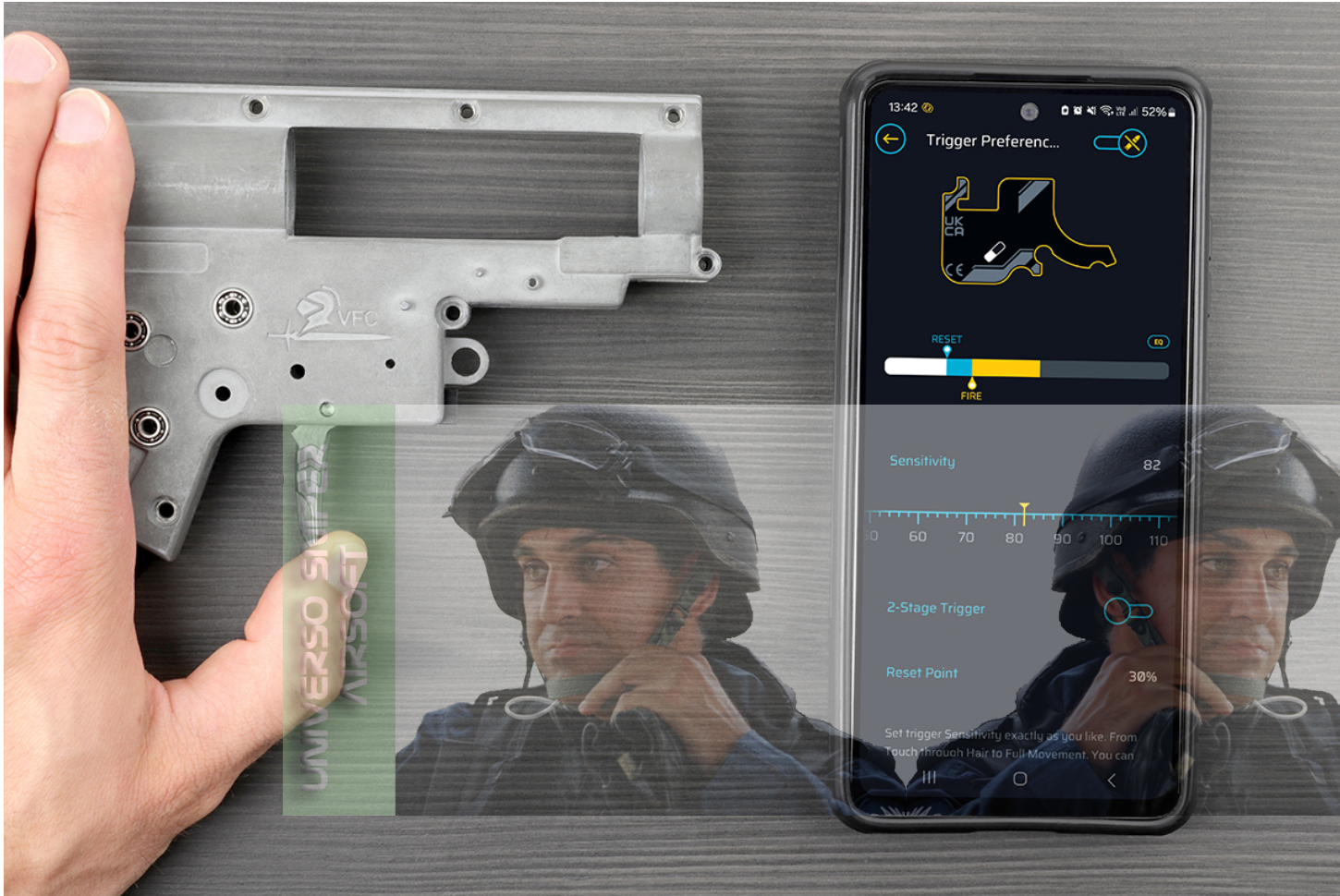


4. After setting the desired trigger characteristics and resistance, you can reassemble the entire gearbox and install it in the replica. Remember to secure the TACTICKER adjustment screw with thread-locking adhesive before doing so.

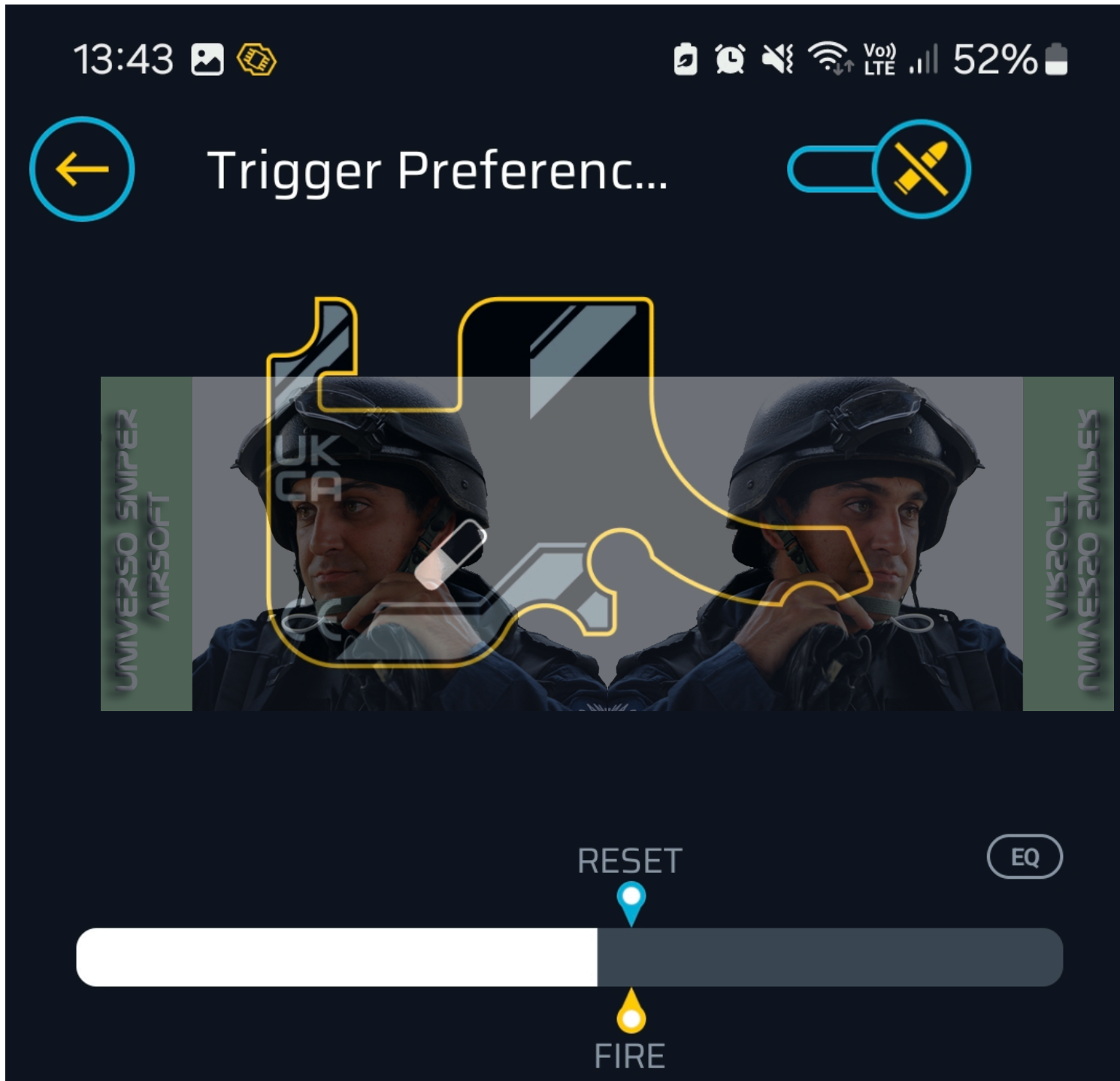
Adjustment in GCS

1. After installing the TACTICKER and gearbox, recalibrate the trigger in the GCS. During calibration, perform a full trigger pull (for a two-stage trigger, complete both the first and second stages of the trigger pull).

2. After completing the calibration, pull the trigger until you feel the resistance of the TACTICKER needle.



3. While keeping the trigger pulled in this position, set the shot moment and reset just before the trigger status indicator.



Sensitivity 150

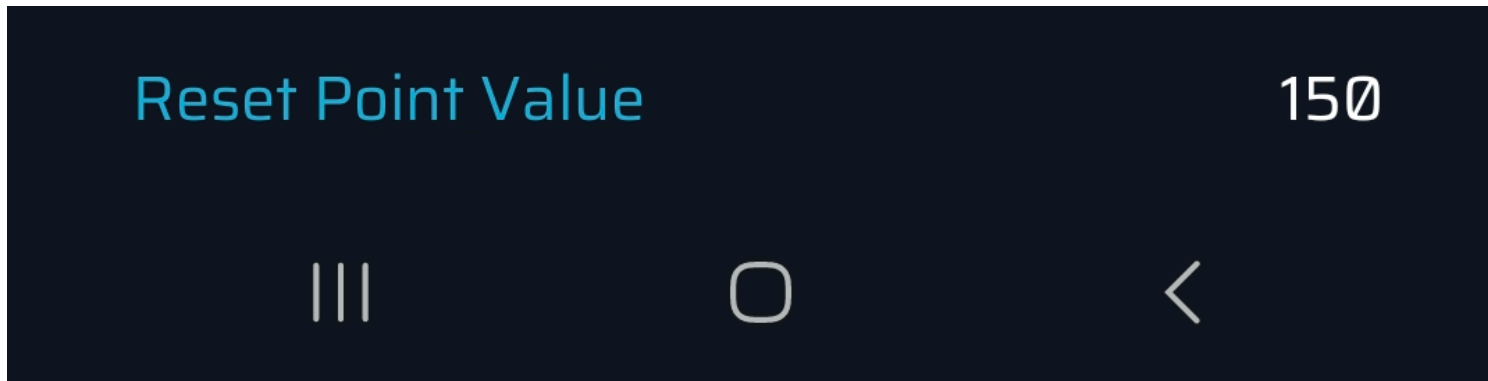
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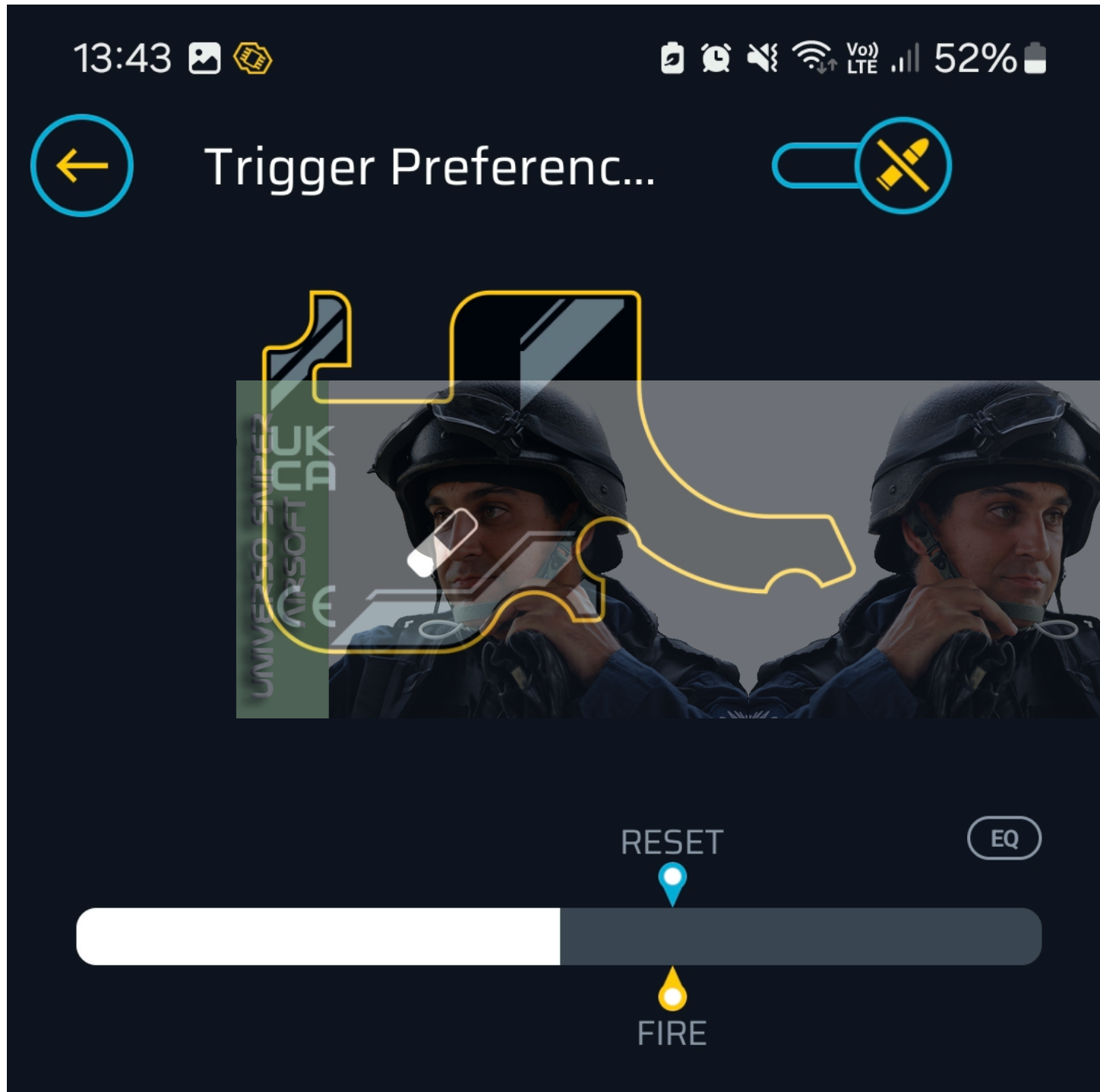
2-Stage Trigger

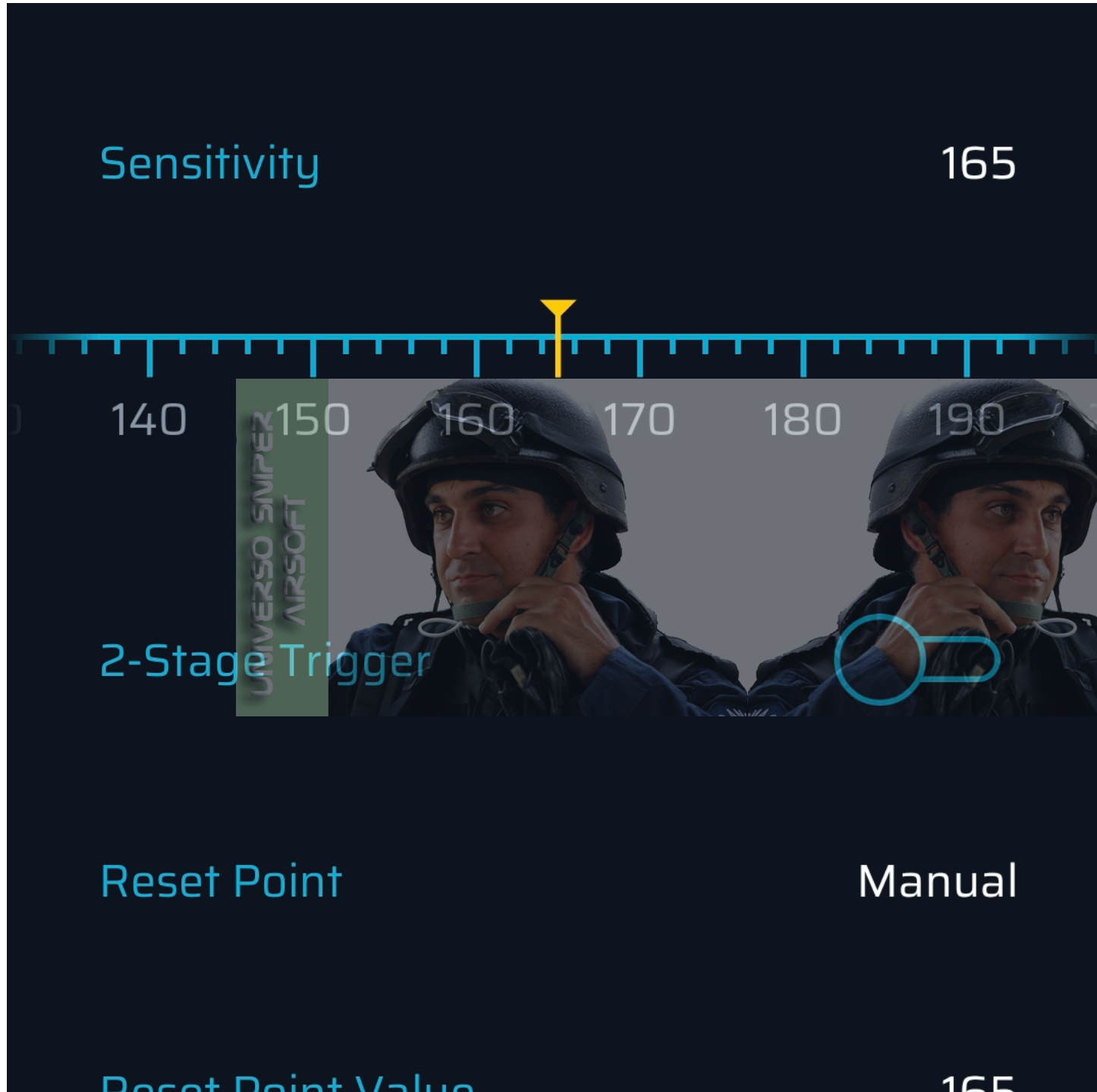
Reset Point Manual



4. Perform a test shot and check if it occurs after breaking the resistance of the TACTICKER. If the shot happens before breaking the resistance, adjust the reset and shot moment slightly further from the trigger status indicator.









5. The TACTICKER is ready for use.

Troubleshooting

Lack of trigger resistance despite screwed in adjustment screw/blocked firing pin

- Loosen the adjustment screw on the TACTICKER until the firing pin returns to its initial position.
- Check that the mounting screw is not screwed in too deep in gearbox and does not block the firing pin.

No crisp wall or reset with resistance values below 900g.

The springs used in the TACTICKER are selected to ensure the mechanism operates crisply within the range of 900g to over 4000g. When setting the resistance below 900g, the wall and reset of the trigger may be less perceptible. In such cases, we recommend replacing the main TACTICKER spring with a weaker spring with an outer diameter no greater than 3mm and a length of about 8mm (e.g., a selector plate spring from AEG spring sets; if cutting the spring, direct the cut end towards the adjustment screw). After this adjustment, the reset and wall of the trigger will be more crisp, even with a resistance setting of 300g.

Technical Specifications

The design and production of the device is based on harmonized standards.

Dimensions (length x width x height)	20mm x 7.2mm x 23.1mm
Finished Product Weight	3.5g
Operating Temperature Range	min. -15° C, max. +50° C
Relative Humidity	≤ 80%

Legal Notice

Please read the Legal Notice before operating your device and keep it for future reference. This document contains important terms and conditions with respect to your device. By using this device, you accept these terms and conditions.

Exclusion of Liability

GATE Enterprise sp. z o.o. sp. k. is not liable for any damages, injuries or accidents of any kind resulting from the use of this product or airsoft gun with the product installed, including (but not limited to) incidental or special damages to airsoft gun, airsoft gun parts and batteries.

Disclaimer

GATE Enterprise sp. z o.o. sp. k. takes no responsibility regarding compliance of the product with the requirements of any law, rule or airsoft restrictions pertaining thereto.

Intellectual Property

Intellectual Property owned by GATE Enterprise sp. z o.o. sp. k., including (but not limited to) devices, accessories, parts, software, documentation, is proprietary to GATE Enterprise sp. z o.o. sp. k. and protected under Polish laws, EU laws and international treaty provisions. You may not violate the rights of the Intellectual Property and you will not prepare derivative works of or reverse engineer the device or software. No ownership in the Intellectual Property is transferred to you.

GATE Limited Warranty Policy

GATE Enterprise sp. z o.o. sp. k. warrants that its Product is free from manufacturing and material defects at the date of purchase and for a period of two (2) years from the date of purchase and it is nonextendable. This Limited Warranty is conditioned upon proper use of Product by Purchaser.

1. This Limited Warranty is valid provided that the owner provides a proof of purchase and properly completed warranty form.
2. This Limited Warranty does not cover: (a) defects or damage (e.g. mechanical, thermal or chemical) resulting from accident, misuse (misinterpretation of the instructions), abuse, neglect, unusual physical, electrical or electromechanical stress, water immersion, repairs or structural modification of any part of Product, or (b) the Product that has its serial number removed or made illegible; (c) defects or damage from improper operation, maintenance or installation, (d) installation of the products.
3. Requests for warranty are processed as soon as possible, not exceeding seven (7) working days. The company's obligation under this Limited Warranty shall be limited to providing replacement of parts only.

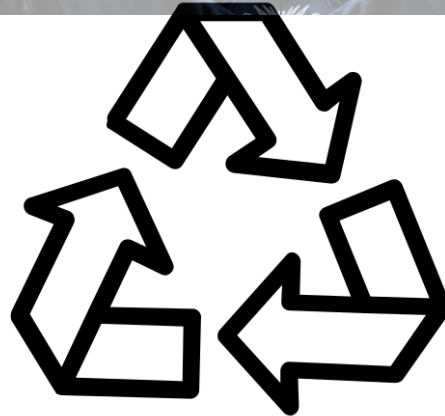
Note

The product warranty form is available here: <http://www.gatee.eu/warranty>.



Product disposal instructions

The symbol shown indicates that the product can be recycled.



Stay tuned with GATE

GATE Enterprise

<http://help.gatee.eu>

Join the GATE Airsoft Community Discord Server!

GATE Enterprise | Kraków

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