









  
**LASER AMMO**  
TRAINING TECHNOLOGIES

## Recoil Enabled Airsoft Laser (R.E.A.L.) Pistol User Guide

---

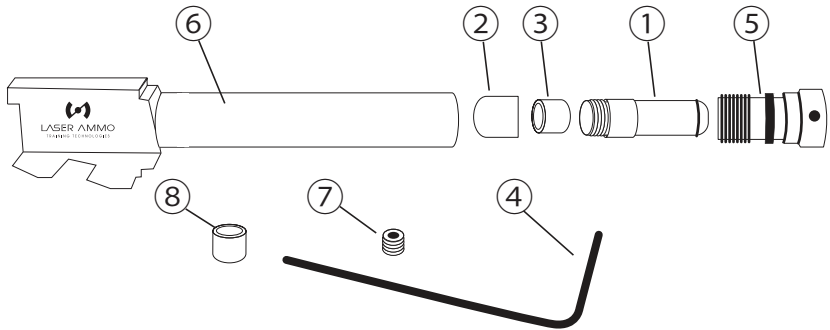
Before using Laser Ammo products,  
please read the user guide in full

# Introduction & Safety

-  It is important for your safety that you read the complete user guide before using the recoil enabled training pistol.
-  Airsoft gun warranties may be voided with the use of the REAL Kit. Laser Ammo does not assume any liability regarding the operating condition of the airsoft pistol.
-  The REAL can be purchased by itself (REAL Barrel Only), as a REAL KIT (REAL Barrel with the Surestrike™ Laser Cartridge), or as part of a Recoil Enabled Pistol.  
(\* ) This user guide applies to all REAL convention products from laser Ammo.
-  Always store ammunition (pellets, BBs) in an area that is separate from your training area.
-  Airsoft guns can cause serious injuries or death. Please use carefully and apply all safety rules similar to a real weapon.
-  Depending on the model purchased, the REAL barrel can be activated by vibration (blue barrel) or by piston (blue and red)

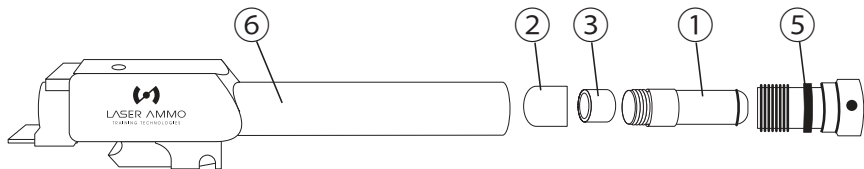


**Warning: Firearms can cause serious injury or death.**



1. SureStrike Laser Module
2. SureStrike Back Cap (vibration (VIB) or piston activated (PST) depending on the gun model)
3. Battery Pack
4. Allen Key (1.5mm) (elevation and windage adjustments)
5. Cartridge Retainer & Adjustment Screws (4)
6. REAL Conversion Barrel
7. Spare Screw (1)
8. Spare Battery

## REAL Barrel Assembly



Depending on the kit you choose, the SureStrike™ laser may or may not be inside the REAL conversion Barrel. Please make sure to have the SureStrike™ outside of the REAL barrel for the following steps:

Open the SureStrike Laser Cartridge by unscrewing the cap ② from the body. Take your SureStrike ① and insert the battery ③ flat side “+” facing up, towards the cap ②. Take the cap ② and thread it onto the laser body ①. Screw the cap on snugly, do not over tighten.

Tap / Press on the Laser Cartridge cap to ensure the laser is working. Remember, if the laser is IR, you will not be able to see it.

Insert the Laser Cartridge assembly into the cartridge retainer ⑤ with the laser side ① entering the retainer. Make sure the screws are loosened enough to allow the SureStrike cartridge to seat at the end of the retainer. Gently tighten the alignment screws evenly from all sides.

Screw the retainer ⑤ and cartridge ① into the barrel ⑥ until it is snugly secured.

Using the pistol's recoil spring insert the REAL barrel assembly into the pistol and install the slide on the pistol.

**Tip: To check an IR laser please use one of Laser Ammo electronic targets (LaserPET II or IMTTS), the Smokeless Range® Simulator, or in some cases, you can use your Smartphone camera.**

# Alignment

Adjust windage and elevation using the four adjustment screws on the cartridge retainer. The screws on the right and left are for windage and the screws on top and bottom are for elevation.

By loosening a screw on one side and tightening the screw on the opposite side, the laser cartridge can be adjusted.

For example, if the shot is low and to the left, slightly loosen the top and right screws and tighten the bottom and left screws again.

If you purchase the IR laser, you will not be able to see the shots. To align an IR laser, please use one of Laser Ammo electronic targets (LaserPET II, IMTTS), or the Smokeless Range® Simulator.



## ATTENTION

Do not over tighten the adjustment screws! They only need to be snug.

# REAL Barrel Disassembly & Maintenance

The Recoil Enabled pistol can be easily converted to its original state to continue training with pellets outdoors.

In order to continue training with pellets, convert the pistol back to its original state. Disassemble the REAL Barrel and assemble the original barrel, similar to the way you change a barrel in a real pistol. (\*please check gun user guide for instructions on how to change the barrel).

**Tip:** When using the gun with pellets, please make sure to use a magazine with the follower assembled.

After taking the REAL barrel out of the pistol, unscrew the retainer and cartridge from the REAL barrel and store them together for future use. Do not loosen the adjustment screws or you will lose your windage and elevation settings. Be careful not to lose the adjustment screws. It is recommended to remove the battery when not in use, for longer battery life.

## **OTHER INFORMATION**

For some of the KWA models: To be able to shoot the recoil enabled pistol with a laser you will need to disable the follower in the magazine. Remove the base plate upward, holding it in place, use a tool to gently knock out the short retaining kink that holds the lock in the magazine. Take the pin out and slide the follower spring and the follower assembly out of the channel. Without the follower in the magazine, the slide will not catch, allowing you to fire multiple times as long as you have gas in your magazine. For a demo video please visit: <https://youtu.be/9JToGg8P2cg>

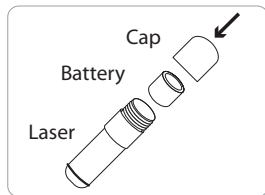
## **FOR USE WITH GREEN GAS**

Green Gas / CO<sub>2</sub> Cartridges not included. Purchase separately to operate training gun. Before filling the gas magazine with green gas, you will need to prime the magazine by taking the air out. Make sure you have a full can of green gas. Do not to shake the green gas canister before filling. Hold the magazine upside-down and with your pinky finger pressing the magazine release valve, begin filling. When you hear or see gas start to escape from the nozzle of the magazine release the valve and continue to fill for an additional 10-15 seconds. For a full demonstration on filling the magazine with green gas, visit: <https://www.youtube.com/watch?v=ENaN5XEGlhw>

For additional videos about the REAL please visit Laser Ammo You tube channel Other videos available: <https://www.youtube.com/user/laserammousa>

# SureStrike™ Laser Maintenance & Service

- The SureStrike™ cartridge is comprised of three components: Laser, battery and cap.
- Laser Ammo warranties the back cap for a minimum of 5,000 shots. After that, the firing cap can be expected to wear and fail to fire the laser. If you experience such wear, contact Laser Ammo to purchase a replacement cap. Follow the battery changing procedures to replace the cap.
- This Laser Product is designated as Class 1 during all procedures of operation, maintenance and service. No scheduled maintenance is necessary to keep the product in compliance.
- It is strictly forbidden to modify the Cartridge. Opening of Cartridge is limited to battery replacement only.



## Laser Safety Rules

Due to Product size, product labeling only appears in this user information.

Warning: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

**Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56., dated May 8, 2019.**

Laser Ammo USA Inc  
PO Box 222017 Great Neck, NY 11021 Made in Israel

Model # \_\_\_\_\_ Lot # \_\_\_\_\_ Date \_\_\_\_\_

No liability is expressed or implied for damage or injury as a result of installation or use of this product. Warranty is limited to the replacement or repair of the original product only.

Full set of video instructions is available at: [www.laser-ammo.com](http://www.laser-ammo.com)

**CLASS 1 LASER PRODUCT  
EN/EIC 60825-1 Ed 3 2014**

LASER AMMO USA INC WARRANTY COVERS ONLY THE REAL CONVERSION BARREL AND THE SURESTRIKE™ LASER CARTRIDGE AND NOT THE RECOIL GUN ITSELF. GUN WARRANTY WILL BE GIVEN BY THE GUN MANUFACTURE FOR A PERIOD OF 3 MONTHS ONLY.

Laser Ammo warrants that this product shall be free from material defects and defects in workmanship for the earlier occurrence of: A period of one (1) year from the date of the purchaser's receipt of the product or B. Minimum of 5,000 shots.

Notice of any warranty claim must be received by Laser Ammo, in writing, prior to the expiration of the warranty period. Laser Ammo reserves the right to inspect the product before honoring the warranty.

Laser Ammo's warranty is limited solely to the above and applies only for the period set forth.

Laser Ammo will not be liable for any loss, damage, direct, incidental or consequential damages of any kind, whether based upon warranty, contract, negligence, or strict liability, or arising in connection with the sale or use of the product by the user or any third party. Laser Ammo's warranty does not cover any damage to the product that results from improper installation, accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair, or modification.

This limited warranty does not apply to any product on which the original identification information has been altered, obliterated or removed.

Laser Ammo will, at its sole option, either repair or replace any part of the product that proves defective by reason of improper workmanship or materials.

In all events, Laser Ammo's maximum liability to the purchaser related to any warranty claim or defect with respect to the product shall not exceed the contract price for the specific product claimed to be defective or unsuitable, or alleged to have been the cause of any damage to the purchaser or any third party.



Airsoft guns warranties may be voided with the use of the Laser Ammo Airsoft Adapter Cartridge. Laser Ammo does not assume any liability regarding the operating condition of the airsoft gun.

The foregoing is in lieu of all other warranties, oral, expressed or implied, including, but not limited to, any implied warranties of fitness for a particular purpose.

The provisions of this section shall be applicable to both implied warranties (if any) and expressed warranties.

The Pistol itself will be warrant by the gun manufacture and not by Laser Ammo USA Inc, according to the terms and conditions of warranty set by the specific manufacture.

UMAREX: The Pistol itself will be warrant by Umarex and not by Laser Ammo, according to the terms and conditions of warranty set by Umarex corporation. A 90-day warranty period applies to all UMAREX products, including but not limited to the UMAREX GLOCK GEN4 G17 GBB GREEN GAS OR CO2 (VFC) pistol.

ATP-C / ATP-LE: A 90-day warranty period applies to all KWA products, including but not limited to the ATP-C pistol. Please visit <https://support.kwausa.com/> for warranty, repair, and additional information on the ATP-C pistol.

In all events, Laser Ammo's maximum liability to the purchaser related to any warranty claim or defect with respect to the product shall not exceed the contract price for the specific product claimed to be defective or unsuitable, or alleged to have been the cause of any damage to the purchaser or any third party.

Airsoft guns warranties may be voided with the use of the Laser Ammo Airsoft Adapter Cartridge. Laser Ammo does not assume any liability regarding the operating condition of the airsoft gun. The foregoing is in lieu of all other warranties, oral, expressed or implied, including, but not limited to, any implied warranties of fitness for a particular purpose. The provisions of this section shall be applicable to both implied warranties (if any) and expressed warranties.



# SMOKELESS RANGE 2.0<sup>®</sup>

FIREARMS TRAINING EVOLVED

Challenge your skills with the most affordable, judgmental and marksmanship simulator for situational awareness, use of force and fundamental firearms training.





# LASER AMMO

TRAINING TECHNOLOGIES



## INTERACTIVE MULTI TARGET TRAINING SYSTEM

Build your training arena at home with the most advance targeting system available anywhere!

Receive immediate time feedback with wireless target-to-target communications and multiple drill configurations for shoot no shot situations.





LASER AMMO  
TRAINING TECHNOLOGIES

Product of Laser Ammo USA, Inc.  
Phone: (516) 858-1262 (U.S.)

[LaserAmmo.com](http://LaserAmmo.com)