



LASER AMMO

TRAINING TECHNOLOGIES

**DryFireMag**

*THE TRIGGER RESET MAGAZINE*

**SMART DRYFIREMAG™**

**WITH LASER AMMO SURESTRIKE™ 9MM CARTRIDGE**

## GENERAL INFORMATION

The DryFireMag® and the SureStrike™ 9mm Cartridge are a powerful combination that can help you improve your handling skills with a striker activated pistol. You can use your own pistol with these devices and practice dry fire training with audible and tactile feedback on every shot. You can also see where each shot hits with the SureStrike™ laser cartridge. This way, you can work on your target acquisition, stance, accuracy and more. Add other advanced training aids such as Laser Ammo electronic targets, simulators and training software, for a more realistic and immersive training experience.

**Tip:** This device is simple to use, but it must be installed properly.

**Tip:** These instructions are for Smart DryFireMag™ model G9. For Smart DryFireMag™ model specific instructions and helpful videos, please scan this QR code.



## STEP 1: SAFETY

### **WARNING! FIREARMS CAN BE DEADLY WHEN MISUSED!**

Unload the weapon. Physically and visually inspect the chamber, bore, and magazine well to ensure that all ammunition has been removed. Personally verify that all ammunition has been removed before training. Leave any "real" magazine outside of the training room. Do not allow any live ammunition in the training area.

## STEP 2: BATTERY INSTALLATION AND CHARGING

Unscrew the laser cartridge and insert the battery pack according to the drawing (plus side facing up.) Reassemble the laser cartridge carefully. Verify the threading is fully closed and that there is no gap.



**Tip:** We recommend using the Laser Ammo UhrSecure safety pipe and nut, not included with this package, for a visual indication that the gun is safe.

**Tip:** Laser Ammo offers many other calibers for your firearms (10mm, 40SW, 45ACP, 357sig, and more). To check out other available calibers, please check out: [www.laserammo.com](http://www.laserammo.com). Please note, when using caliber adapters, other than the provided 9mm, you will need to use the UhrSecure system.

Charge your Smart DryFireMag™ using the included Type C USB cable. Insert into the USB charging port on the back of the mag indicated by the arrow in the picture below.



**USB - C charging port**

**Charging Indicator**

A green LED indicates the mag is charging and will go out when fully charged.

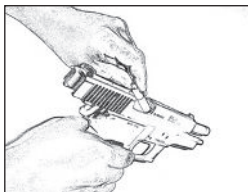
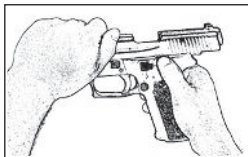
Tip: A complete recharge may require 2.25 hours.

### STEP 3: LASER INSTALLATION IN PISTOL

Retract the slide and engage the slide stop in the open position. Make sure the slide is held firmly by the stop. Do not continue if the slide is not firmly held or if the slide stop is not in good working order.

While pointing the barrel down, insert the laser cartridge into the handgun by "dropping" it, laser first, through the slide opening into the chamber.

Still pointing down, release the slide stop.



## STEP 4: MAGAZINE INSTALLATION

Insert the Smart DryFireMag™ until it “seats”. There will be an audible “click” when properly seated. This may require a “bump” with the palm of the hand. Pull down on the Smart DryFireMag™ to make sure the mag release is fully engaged.

**WARNING: DO NOT OPERATE THE SLIDE UNLESS ABSOLUTELY NECESSARY WITH THE Smart DryFireMag™ INSERTED**

Aim at a safe target. It's ready to go! Your Smart DryFireMag™ will activate the laser with each trigger pull.

**Tip:** Your first trigger pull will require more effort as you are initially releasing the firing pin and activating the mag. Subsequent trigger pulls should closely match your stock trigger.

## STEP 5: ADJUSTING THE TRIGGER

**Tip:** If your Smart DryFireMag™ fails to reset the trigger on your firearm, or the trigger break point is “off”, this is probably not due to a malfunction in the Smart DryFireMag™ but to variations in different models of firearms. Adjustments are almost always necessary to accommodate custom triggers.

To change the feel of the trigger to a heavier or lighter pull, the coil spring will need to be changed. A Spring Kit with springs of varying weights is available for purchase at [DryFireMag.com](http://DryFireMag.com). (Remember to always wear safety glasses when changing springs.)

Your Smart DryFireMag™ has been tested and adjusted to the standard trigger pull of 5.5LB. An extra spring is included for a lighter trigger pull.

To adjust the amount of travel before the trigger break, locate the Allen wrench and the top hole on the back of the magazine. To shorten the travel, turn the set screw clockwise 1/8 of a turn. Reinsert the Smart DryFireMag™ and test. If travel is still not short enough, repeat adjustment and retest. Combined adjustments should not exceed more than a total of 1 1/4 turns.

To lengthen the trigger **travel before the trigger “breaks”**, turn the set screw counterclockwise 1/8 of a turn. Reinsert the Smart DryFireMag™ and test. If even more travel is desired, repeat adjustment and retest. Combined adjustments should not exceed more than a total of 1 1/4 turns.

## **STEP 6: Synchronizing the laser with the trigger break**

Locate the Allen wrench and the hole on the front of the magazine near the center. If the laser fires before the trigger breaks, back the Allen screw out (counterclockwise) 1/8th turn at a time, testing between each adjustment. If the laser fires too late, turn the Allen screw in (clockwise) 1/8th of a turn at a time, being sure to test between each adjustment.

## **STEP 7: DISASSEMBLY**

Remove the Smart DryFireMag™ from the gun similar to removing a real magazine by pressing the mag release. However, unlike a real magazine, the Smart DryFireMag™ will need to be extracted, and will not simply fall out. After removing the Smart DryFireMag™, point the firearm at a safe place, and pull the trigger.

Retract the slide and engage the slide stop in the open position. Insert a pencil, flat side first, into the barrel and push the SureStrike™ Laser Cartridge gently out.

**Tip:** Remove battery when SureStrike™ laser cartridge is not in use. Store both laser and magazine in their original packaging, in a safe place.

## SURESTRIKE™ LASER MAINTENANCE AND SERVICE

The laser cartridge is an electronic device and should always be treated as such. Store in original case.

- a. Remove battery pack when not in use.
  - b. Wipe the laser cartridge only with a soft fabric - do not immerse in solvents or cleaning detergents.
  - c. Clean the laser lens using a glass cleaner and cotton swab.
  - d. Lightly lubricate threading using gun oil.
- The SureStrike™ cartridge comprises of three components: laser, battery and cap. The cartridge is controlled by an IR light source from the Smart DryFireMag™.
  - Laser Ammo warranties the back cap for a minimum of 5,000 shots (or a year). 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.

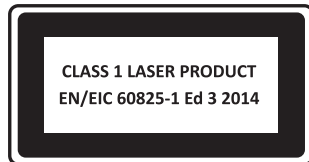
Warning: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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.

Model # \_\_\_\_\_

Lot # \_\_\_\_\_

Date \_\_\_\_\_



## CUSTOMER SUPPORT

For any Laser related issues, please email: [support@laserammo.com](mailto:support@laserammo.com) or call: (516)858-1262.

For any Magazine related issue, please email: [TechSupport@DryFireMag.com](mailto:TechSupport@DryFireMag.com) or call: (208) 702-7030, or call Toll Free at (844) 844-4600.

## WARRANTY

Laser Ammo® USA Inc and DryFireMag® LLC warrant 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 5000 laser "shots", whichever occurs earlier.

Notice of any warranty claim must be received by Laser Ammo® or DryFireMag®, in writing, prior to the expiration of the warranty period.

Laser Ammo® and DryFireMag® reserve the right to inspect the product before honoring the warranty. The warranty is limited solely to the above and applies only for the period set forth. Laser Ammo® and DryFireMag®, 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® and DryFireMag® 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® and DryFireMag® will, at their 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® and DryFireMag® 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. 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.

All firearms are potentially dangerous and can cause great harm, personal injury, and death. It is your responsibility and legal obligation to handle, load, unload, use, transport, maintain, and store your firearm in a safe manner.

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. Using the product not according to the user guide will void the warranty.



LASER AMMO  
TRAINING TECHNOLOGIES

**DryFireMag**  
*THE TRIGGER RESET MAGAZINE*

Product of Laser Ammo USA Inc and DryFireMag, LLC

Laser Ammo USA Inc  
PO Box 222017  
Great Neck NY 11022  
support@laserammo.com  
www.LaserAmmo.com  
(516) 858 1262

European office:  
info@laser-ammo.se  
46 (0) 18-4951115  
www.laser-ammo.se

DryFireMag, LLC  
174 Blossom Valley  
Kamiah, ID 83536

support@dryfiremag.com  
www.dryfiremag.com  
(844) 844-4600