



LASER AMMO  
TRAINING TECHNOLOGIES



# USER GUIDE

**ADVANCED TRAINING LASER PISTOL**  
[A.T.L.P.]

**Note:** The pistol comes without the battery installed in the laser. To activate the laser make sure to install the battery inside the laser.

**Note:** The ATLP is set to a SHOT MODE, which includes the light indicator for the incursion sensor. Please refer to this user guide to activate the audible alarm.

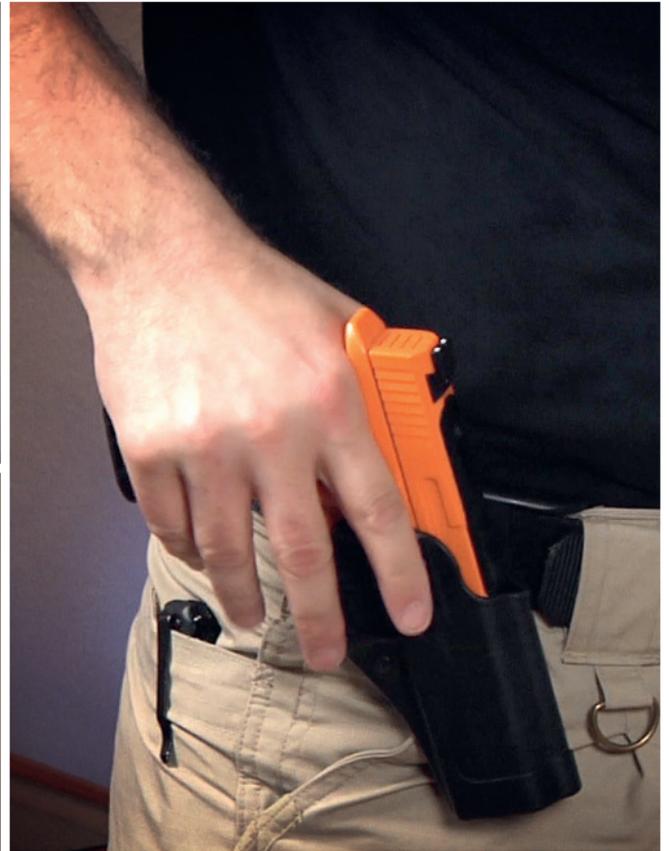
**WARNING:**

- Devices are weighted for realistic handling. Striking a person with this device can result in serious injury or death.
- Device does not replace professional firearms instruction.
- Both device itself and magazine contain inaccessible LEAD weights. If device/magazine is damaged do not handle lead and contact Smart Firearms Training Devices.

# 1. General Information

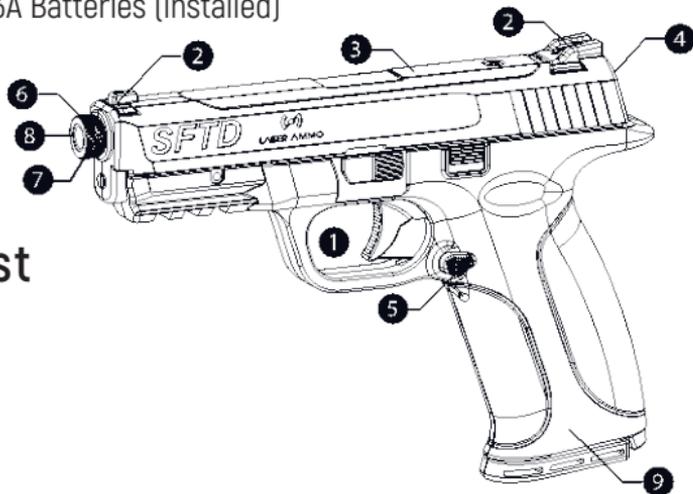
The Training Laser Pistol is designed to teach proper firearms handling skills. The device has many features that help the shooter improve their shooting skills and safety.

- The Laser Training Pistol distinguishes between deliberate actions and unintentional incursion(s) into the trigger guard. When an unintentional intrusion is detected an alarm will sound and two LEDs along the side of the frame will flash. The alarm stops immediately when incursion is no longer detected, the LEDs remain flashing for 9 seconds.
- A shot sound indicates a trigger pull, will distinguish between an unintentional incursion and a deliberate trigger pull.
- An Ambidextrous Magazine that allows magazine changes in both the left or right hand.
- Adjustable Night sights eliminate lighting limitations and enable training in the dark or low light drills.
- By using the Training Pistol with the SureStrike™ Laser cartridge the user gets immediate feedback on shots. This enables improving target acquisition, stance, accuracy and more.
- While using the SureStrike™ laser cartridge, the shooter can integrate other advanced training aids such as Laser Ammo electronic targets, simulators and training software, for more enhanced training.



## 2. Package Contains:

1. Training Laser Pistol Device
2. Adjustable sights
3. Removable Magazine
4. Allen wrench
5. SureStrike™ optical laser cartridge (Red or IR)
6. Blue Battery pack for the laser cartridge (not installed in the laser)
7. Two 3V CR123A Batteries (installed)



## 3. Parts List

- 1 TRIGGER/TRIGGER GUARD
- 2 ADJUSTABLE SIGHTS
- 3 BATTERY COVER
- 4 SPEAKER
- 5 AMBIDEXTROUS MAGAZINE RELEASE
- 6 FRONT RETAINER
- 7 ADJUSTMENT SCREWS
- 8 OPTIC LASER CARTRIDGE
- 9 ALLEN-WRENCH STORAGE

## 4. Laser Ammo SureStrike™ Optical Cartridge

The Optical Laser cartridge is screwed into the barrel of the ATLP with a front retainer. To activate the laser please refer to the following steps:

### 4.1 Disassembly and battery change:

- 4.1.1 Unscrew the retainer (together with the Laser Cartridge) from the ATLP. Do not open the cartridge windage or elevation screws. The laser cartridge can stay in the front retainer to keep the settings.
- 4.1.2 Remove the cap on the cartridge and insert the battery flat side + facing up.
- 4.1.3 Take the optic cap and thread it onto the laser body. Verify the threading is fully closed and that there is no gap. Close snugly, do not over tighten.
- 4.1.4 Install the retainer with Laser cartridge in the ATLP housing. Thread the retainer all the way down, then move it back slightly until the Allen screws will be facing up / down left / right.



Optic Cap



Battery



Laser Module



Front retainer with adjustment screws

## Setting windage and elevation:

The retainer has 4 adjustment screws for aligning the laser. The ones on the sides are used for windage, and the top and bottom are for elevation.

Holding your ATLP, fire at your target from the distance you would normally practice at.

Referring to directions as viewed by holding the ATLP muzzle away, the adjustment is made by screwing out the screw opposite the direction you hit the target and screwing in the other side.

For example: If the shot is to the left of the target, slightly screw out the screw on the right and screw in the screw on the left. If the shot is high of the target, slightly screw out the screw on the bottom and screw in the screw on the top.

**Make sure you start by opening a screw first to allow the cartridge to move as you close the other side.**

Once the ATLP is sighted, do not over tighten the adjustment screws! They only need to be snug.

When installed correctly the windage screws will be on the sides and the elevation screws on the top and bottom of the laser cartridge adapter.

## MAINTENANCE AND SERVICE

- The SureStrike™ cartridge comprises of three components: Laser, battery and cap. The cartridge is controlled by pushing the back side.
- Laser Ammo warranty 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 here in may result in hazardous radiation exposure.

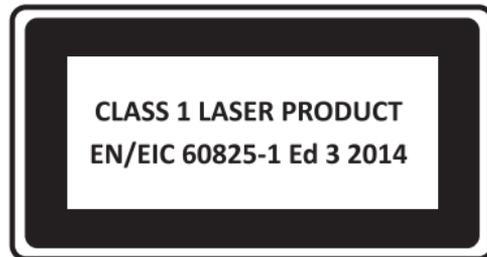
Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56., dated May 8, 2019.

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

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

Date \_\_\_\_\_

Laser Ammo USA Inc  
PO Box 222017  
Great Neck, NY 11022  
Made in Israel



## 5. Advance Training Laser Pistol

### 5.1. Accidental Discharge Sensor Activation

The training pistol arrives from the factory in a “shot mode” that includes the light indication for the accidental discharge sensor but without the audible alarm.

Note: This is the recommended mode to use with the smokeless range® simulator.

Activating Audible Alarm:

- 5.1. Pull trigger aft for ~9 seconds, holding until audible tone emitted from pistol.
- 5.2. Release trigger upon hearing tone, keeping trigger guard clear while it is blinking amber led, and emitting tones.
- 5.3. Pistol is ready for use once all tones, and led flashes are complete.

To verify the device is working place a finger in the trigger guard resulting in an intrusion alarm. After a successful intrusion alarm, pull trigger to verify “SHOT” sound.

If either feature is inoperative continue to TROUBLE SHOOTING SECTION 6.

## **5.2. Deactivating Audible Alarm:**

5.2.1. Pull trigger aft for ~9 seconds, holding until audible tone emitted from pistol.

5.2.2. Release trigger upon hearing tone, keeping trigger guard clear while it is blinking amber led, and emitting tones.

5.2.3. Pistol is ready for use once all tones, and led flashes are complete.

## **5.3. Deactivating Audible Alarm Alternate Method:**

5.3.1. Remove 1 battery, then replace after 5 seconds.

5.3.2. Pistol will default to Audible Alarm off.5.4. Battery

## **5.4. Battery**

The ATLP utilizes two 3V CR123A lithium batteries. These batteries should last approximately 14 weeks in an active defensive tactics environment or up to a year in low use.

To change batteries, remove the Philips head screw at the rear of the battery cover and remove cover.

Upon battery replacement gun defaults to "SHOT ONLY" mode. To restore full function, see activating audible alarm (5.1)

When the batteries are nearly depleted, device will emit a short chirp every five minutes and a red LED will flash every minute. It is important to change the battery at this time as the device will not function correctly on depleted batteries.

## 6. Troubleshooting

### 6.1 The device has been immersed in water and doesn't function

- Remove the batteries
- Allow device to dry completely

### 6.2 The sensor is oversensitive (Alarms in holster or during a normal, safe grip)

- Pull trigger and hold
- After 9 nine seconds, device will go into "shot only"
- Pull trigger and hold again for 9 seconds. Device will now go into start-up mode
- Place pinky finger in the lower forward part of trigger guard. Do not remove finger until start-up is complete.

NOTE: Devices are configured for duty holsters; certain concealment holsters may cause over sensitivity.

### 6.3 The sensor under sensitive (Doesn't alarm with finger in trigger guard)

- Pull trigger and hold
- After 9 seconds device will go into "shot only"
- Pull trigger and hold again for 9 seconds. Device will now go into start-up mode
- After start-up proper sensitivity should be restored.

- 6.4 Device is silent (no alarms or “shot” sound) but LED light functions continue to function**
- Speaker is inoperative. Please return to Smart Firearms Training Devices for replacement.
- 6.5 Device is too loose/snug in holster**
- Devices are designed to fit the most popular duty holsters on the market. The majority of duty holsters have adjustment screws to loosen or tighten the holster.
- 6.6 Device continues to go into start-up mode or flashes RED LED**
- Electronic components may be damaged, normally from high impact forces.
  - Remove and reinstall the batteries.
  - After start-up test the device. If problem persists, call customer support.
- 6.7 Device works but the laser doesn’t emit**
- Check the voltage on the laser battery (should be above 4.5V)
  - Check the stem of the IR light inside the pistol is not disconnected

## 7. Customer Support

For any gun related issues please visit customer support link at [WWW.SMARTFIREARMS.US](http://WWW.SMARTFIREARMS.US).  
For any Laser related issues please email: [info@laser-ammo.com](mailto:info@laser-ammo.com) or call: (516)858-1262

## 8. Warranty

SFTD provides a one year parts and labor warranty on the atlp gun and laser ammo usa inc provides a one year parts and labor warranty on the optic laser cartridge (Together: "the device"). Any operation of the device outside of its intended use voids the warranty. the device is not to be submerged in water. The device is not to be dropped from a height of over four feet onto a hard surface. Any modification to any electronic component voids the warranty.

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