



LASER AMMO
TRAINING TECHNOLOGIES

SMART FIREARMS
TRAINING DEVICES



ADVANCED TRAINING LASER PISTOL (A.T.L.P.)

SF30 / SF25

OPERATING MANUAL



Note: The ATLP is set to a SHOT MODE ONLY, please refer to this user guide to activate the rest of the functions.

Note: To activate the pistol, please make sure that the battery is installed correctly in the gun.

⚠ Warning:

Both training gun and magazine are weighted. Dropping gun on a person can cause injury or death.

Device does not replace professional firearms Instructions.

Choke hazards: the ATLP includes a few small parts that can cause a choking hazard for children. If removed from gun keep in a safe place inaccessible to children.

⚠ Warning: the ATLP designed to simulate the look and feel of actual firearms for more realistic training. These training guns should never be openly carried or displayed outside of controlled training events as they may be mistaken for an firearm.

This user guide covers the following products:

SF25 (M&P) both Basic and Pro in Red or IR lasers. SKU: SF25-BSC-IR / SF25-BSC / SF25-PRO-IR / SF25-PRO

SF30 (Compatible with GLOCK 17)) both Basic and Pro in Red or IR lasers. SKU: SF30-BSC-IR / SF30-BSC / SF30-PRO-IR / SF30-PRO / SF30-PRO-IR-B / SF30-PRO-B

Purpose of the ATLP: Making shooters better

The Advanced Training Laser Pistol (A.T.L.P.) is a joint venture between Smart Firearms Training Devices and Laser Ammo USA Inc. with a goal of building a superior dry fire training pistol that can make shooters better.

Functions:

The ATLP PRO is a high-end, high-tech tool for a firearms trainer. It designed to teach proper firearms handling skills. The device has many customizable features that help the shooter improve their shooting skills and safety. These features allow the user to begin training reloads, malfunctions, and building the skills to keep track of loaded rounds.

Features for both Basic and Pro models:

Red or IR Laser: the ATLP can be purchased with Red (visible) or IR (invisible) laser. While using the SureStrike™ laser cartridge the shooter can integrate other advanced training aids such as Laser Ammo electronic targets and simulators, for more enhanced training.

Eye Safe Quality Laser: the ATLP emits an eye safe, class 1 laser pulse in both red or IR wavelength. Able to activate all Laser Ammo reactive targets and Smokeless Range Simulator.

Removable Magazine: The ATLP comes with one removable ambidextrous magazine that allows for magazine changes training (additional mags can be purchased separately).

Night Sights: The ATLP is equipped with front and back removable quality night sights.

Red Dot Plate Ready: the ATLP is ready for a dove tale plate for a red dot mount. The plate can be purchased separately.

Features only in the Pro model:

Accidental Discharge Sensor: If a finger is placed in the Accidental Discharge Zone (inside the trigger guard) but no shot is fired, an alarm will sound, and an orange LED light will flash for 9 seconds alerting the instructor as well as reinforcing to the student the need to index their finger when not firing.

Laser Emitting Pulse: the ATLP comes with 4 different pulses to maximize the different training possibilities. From a short pulse, long pulse, boresighter, and even an invisible pulse for the red laser.

Round Counter: the ATLP will count the rounds used and will stop emitting laser pulse until the user releases the magazine and loads a new one. The user can decide on the number of rounds they would like the ATLP to count.

Random Malfunction Mode: The ATLP will allow the user to create a random malfunction, so it will stop emitting laser pulse randomly, until the user releases the magazine and loads a new one, simulating a gun malfunction.

A Shot Sound Indication: With every trigger pull the ATLP will emit a shot sound through a speaker that will distinguish between an unintentional incursion and a deliberate trigger pull.

Package Contains

Advanced Training Laser Pistol (ATLP)

- Laser Ammo SureStrike Cartridge (Red or IR)
- Night Sights
- Removable Magazine
- 3V CR123A battery (installed)
- Adjustment Screws Allen wrench

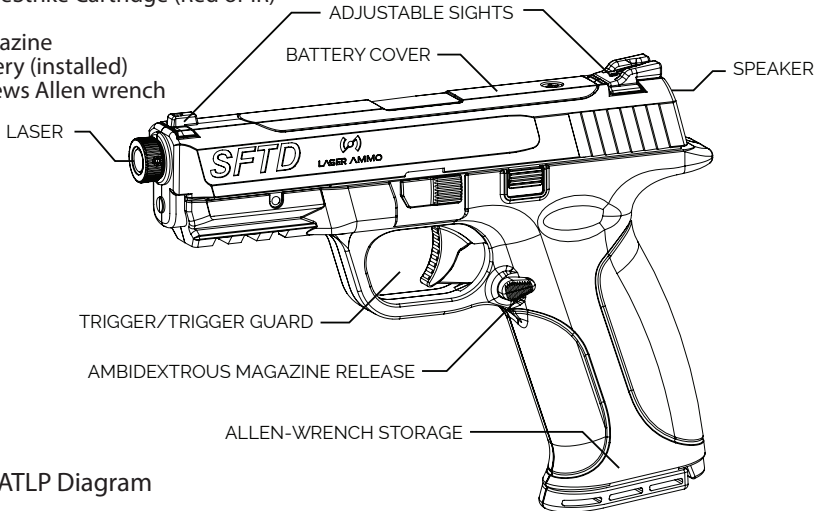


Figure 1: ATLP Diagram

Manufacture Settings:

The ATLP Basic: the basic does not have any setting options.

The ATLP PRO comes out of the box with the following manufacture setting:

- Shot sound - On
- Accidental Discharge Sensor – Off
- Laser Mode 2– Dry Fire
- Round counter – On (default is 17 rounds)
- Malfunction – Off

In order to change the settings to your training needs, please continue to follow the user guide.

Laser Alignment: 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 Pistol, fire at your target from the distance you would normally practice at. Referring to directions as viewed by holding the Pistol 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 Pistol 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 (3,6,9 and 12 position).

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

Attention: Do not pull out the laser from the gun! The laser is directly connected to the gun, and pulling the laser out, will damage the laser and the gun, and it will not work properly or at all, and will revoke the warranty!

Note: To align an IR laser, please use one of Laser Ammo electronic targets (LaserPET II, IMTTS), or the Smokeless Range® Simulator.



Menu System:

The ATLP Pro has a unique menu system that can be used to set up the device to fit your unique training needs. There are nine settings that can be adjusted to tailor to the training requirements. The menu list is outlined below.

Setting #	Option	Description
1	Accidental Discharge Sensor – On / Off	Turn accidental discharge alarm (sound & light indication) – On / Off
2	Accidental Discharge Sensor – Alarm On / Off	Turn accidental discharge alarm sound only off. (Light indication stay on)
3	Shot Sound	Turns shot sound on/off
4	Laser Pulse Configuration	Toggle between 4 different laser pulse modes
5	Round Counter	Turns round counter on/off
6	Magazine Capacity	Configures Magazine Capacity
7	Future Expansion	Future Expansion
8	Random Magazine Malfunction Mode	Turns random malfunction on/off
9	Future Expansion	Future Expansion
10	Intrusion Alert Delay	Configure the time delay for finger sensor alert
11	Post Shot Delay	Configure the time delay for finger sensor alert after a shot is fired
12	Future Expansion	Future Expansion
13	Future Expansion	Future Expansion
14	Future Expansion	Future Expansion
15	Factory Reset	Returns all settings to Default

To set up your ATLP, refer to the “**Set Up**” Section.

Set Up

Entering The Menu:

You will need to enter the menu, each time you change any of the modes, with the below 2 easy steps:

1. Press and hold the trigger for approximately 10 seconds (see **Figure 2**), during this time the LED located on the side of the device will be blinking green.
2. Once an audible tone sounds release the trigger and you have entered the menu system.

Figure 2



Figure 3



Setting #1: Switching Accidental Discharge Sensor ON / OFF (Sound and Light)

In Sensor mode, the Accidental Discharge Sensor will be active so that when a finger is inserted into the trigger guard, but the trigger was not pulled, an alarm will sound and an orange LED light on each side of the device will flash for 9 seconds to distinguish which student set off the sensor.

- 1) Enter the Menu (Following the steps in page 11)
- 2) Pull the trigger once to select **Menu Item 1**, you should see the LED on the side of the device light up red with each trigger pull.
- 3) Wait until you hear a gunshot sound, which indicates that the finger sensor has been toggled on or off and you have exited the menu.
- 4) Immediately remove finger from guard and place ATLP vertically against wall and ensure nothing is in the trigger guard. (See **Figure 3**)
- 5) Wait approximately 25-30 seconds. During this time the gun will make occasional tones while calibrating. Once calibrated the gun will emit two quick tones sound in a row and the green LED's will flash. The ATLP is now ready to be used.

Setting #2: Turn On/Off the Accidental Discharge Sensor Alert (Alarm sound only)

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger twice to select **Menu Item 2**, you should see the LED on the side of the device light up red with each trigger pull.
- 3) Wait until you hear a gunshot sound, which indicates that the finger sensor alert has been toggled on or off and you have exited the menu.

Note: This setting allows turning off the alarm sound, but the light indicator will still work, to allow trainers to visually see if a finger was entered into the trigger gourd

Setting #3: Turn On/Off Shot Sound

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger three times to select **Menu Item 3**, you should see the LED on the side of the device light up red with each trigger pull.
- 3) Wait until you hear a gunshot sound, which indicates that the shot sound has been toggled on or off and you have exited the menu.

Setting #4: Configure Laser Pulse

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger four times to select **Menu Item 4**, you should see the LED on the side of the device light up red with each trigger pull.
- 3) Wait until you hear a gunshot sound, which indicates that you have entered the laser pulse configuration.
- 4) Pull the trigger the number of times that corresponds to the desired configuration following the table below:

Trigger pulls	Configuration	Comments
1	Invisible Laser	To be used with Red laser option and Laser Ammo electronic targets ONLY. (Will not work with Smokeless Range®).
2	Dry Fire	Short laser pulse for advanced shooters to work with electronic targets and Smokeless Range®.
3	Extended Duration	Long laser pulse. Red laser can be used to see flinching on paper target. Red and IR can be used with all electronic targets and Smokeless Range®.
4	Boresight	Red laser – can be used to align the gun or train on tracking and movement. IR laser – can be used to align the gun or train on tracking with the Smokeless Range®

- 5) Wait until you hear a gunshot sound, which indicates that the configuration was selected, and you have exited the menu.

Note: Invisible Laser works only with Laser Ammo electronic targets and will NOT work with the Smokeless Range.

Note: Invisible Laser in option 1 doesn't mean Infrared (IR) laser, but a red laser in a very short pulse that it is hard for the eye to see. This pulse is too fast for being used with the Simulator.

Note: When using an IR laser shooter should use the dry fire or extension duration only. Invisible laser will not be beneficiary for IR and Boursight mode can be used only in certain cases on the Smokeless Range.

Setting #5: Turn On/Off Round Counter

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger five times to select **Menu Item 5**, you should see the LED on the side of the device light up red with each trigger pull.
- 3) Wait until you hear a gunshot sound, which indicates that the round counter has been toggled on or off and you have exited the menu.

Setting #6 Configure Magazine Capacity

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger six times to select **Menu Item 6**, you should see the LED on the side of the device light up red with each depression.
- 3) Wait until you hear a gunshot sound, which indicates that you have entered the Magazine Capacity configuration.
- 4) Pull the trigger to the corresponding number of rounds you want the magazine capacity to be. (For example, pull the trigger 17 times for a magazine capacity of 17)
- 5) Wait until you hear a gunshot sound, which indicates that the magazine capacity has been set and you have exited the menu.

Setting #8 Turn On/Off Random Magazine Malfunction Mode

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger eight times to select **Menu Item 8**, you should see the LED on the side of the device light up red with each pull.
- 3) Wait until you hear a gunshot sound, which indicates that random jams have been toggled on or off and you have exited the menu.

Setting #10 Configure Intrusion Alert Delay

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger ten times to select **Menu Item 10**, you should see the LED on the side of the device light up red with each trigger pull.
- 3) Wait until you here a gunshot sound, which indicates that you have entered the Intrusion Alert Delay menu
- 4) Depress the trigger the number of times that corresponds to the desired delay, Each Trigger depression is .5 Seconds, see the table below for an example:

Trigger pulls	Delay
1	0.5 Seconds = Default
2	1.0 Seconds
3	1.5 Seconds
4	2.0 Seconds

- 5) Wait until you hear a gunshot sound, which indicates that the configuration was selected, and you have exited the menu.

Setting #11 Configure Post Shot Alert Delay

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger eleven times to select **Menu Item 11**, you should see the LED on the side of the device light up red with each trigger pull.
- 3) Wait until you hear a gunshot sound, which indicates that you have entered the Intrusion Alert Delay menu.
- 4) Pull the trigger the number of times that corresponds to the desired delay. Each trigger pull is 1 Second, see the table below for an example:

Trigger pulls	Delay
1	1 Seconds
2	2 Seconds = Default
3	3 Seconds
4	4 Seconds

- 5) Wait until you hear a gunshot sound, which indicates that the configuration was selected, and you have exited the menu.

Setting #15 Factory Reset

- 1) Enter the Menu (Following the 2 steps in page 11)
- 2) Pull the trigger 15 times to select **Menu Item 15**, you should see the LED on the side of the device light up red with each trigger pull.
- 3) Wait until you hear a gunshot sound, which indicates that the device has been returned to factory settings and you have exited the menu.

Shut Down Procedure

When not using the ATLP for a long period we recommend shutting down the gun all together. When turning it on again, it will default to the last setting used.

- 1) Remove Magazine
- 2) Pull and release trigger to fire remaining round in chamber.
- 3) Pull and hold trigger for approximately 10 seconds until you see the LED on the side light up red.
- 4) Release trigger and the device should be powered off.
- 5) Confirm by pulling the trigger and confirming nothing happened.

The ATLP should be stored with the magazine out of the gun.

Changing batteries of Smart Firearm

- 1) Remove the screw from the top cover (shown in **Figure 4**)
- 2) Take off the top cover (shown in **Figure 5**)
- 3) Remove the old battery and replace with a new CR123 battery. (Available via Laser Ammo Store)
- 4) Re-install top cover.
- 5) Tighten the screw.

The ATLP will return to the user configured settings after a battery change.



Figure 4: Unscrew top screw.



Figure 5: Remove top cover

Maintenance and Service:

The laser cartridge is an electronic device and should always be treated as such. Wipe the lens of the laser cartridge only with a soft fabric - do not immerse in solvents or cleaning agents.

The Laser product is designated as Class 1 eye safe, 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 or open the cartridge.

NOTE: The laser cartridge is connected to the ATLP with wires. DO NOT pull the laser out of its location. the laser doesn't need to change internal battery.

Laser Safety Rules

Due to laser 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.

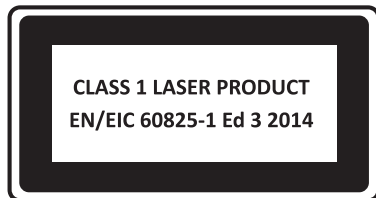
Model # _____

Lot # _____

Date _____

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

Operating Manual



Troubleshooting

My Training Device is making weird noises.

Please replace battery.

My Training Device's side orange LED lights are glowing.

Please replace battery.

My Training Device is not showing all the shots.

Please replace battery.

My Training Device is not shooting.

Please ensure that the magazine is inserted into the device, the training device will not fire unless a magazine is inserted. If the magazine is inserted and is still not shooting, please replace the battery.

My Training Device is acting strange.

If your device is stored or used in a cold environment it may begin to act strange. Please bring the training device into a warm environment to return to normal room temperatures.

NOTE: we strive to have all our customers happy. If the device is still not working 100% please contact customer support for further investigation (support@laserammo.com).

Warranty:

LASER AMMO USA INC AND SMART FIREARMS TRAINING DEVICES (HEREINAFTER “THE COMPANIES” OR “MANUFACTURERS”) WARRANTIES THE A.T.L.P. FOR THE EARLIER BETWEEN: 1 YEAR OR 10,000 SHOTS FOR NONE-COMMERCIAL USE. WITH A LIMITED, NON-TRANSFERABLE WARRANTY, FROM MATERIAL DEFECTS AND DEFECTS IN WORKMANSHIP.

The Companies reserves the right to inspect the product before honoring the warranty. The Companies warranty is limited solely to the above and applies only for the period set forth.

WHAT IS COVERED: Replacement parts and labor.

WHAT IS NOT COVERED: Shipping charges to the Manufacturer facility for defective product and damage caused by abuse or failure to perform normal maintenance as well as any other expense. Consequential damages, or incidental expenses, including damage to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY CLAIMS PLEASE CONTACT:

Laser Ammo USA (516)-858-1626 /support@@laserammo.com

Europe customers contact Laser Ammo Europe: +46 (0)18-951115, info@laserammo.eu

For Smart Firearms Call (602)-300-4645 or Email sales@smartfirearms.us.

If it is determined a return is necessary, you will be issued a Return Authorization Number. Write this number boldly on the box and return the product as instructed. Your name, address, phone number and a note explaining the defect found must be included in the package. A copy of the original dated cash register receipt must accompany the return.



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