



**PepperBall®**

# Custom SX/TX

## PepperBall® User Manual

### **⚠ WARNING ⚠**

THIS LAUNCHER IS NOT A TOY AND IS INTENDED FOR USE BY MILITARY, LAW ENFORCEMENT, CORRECTIONAL OFFICERS, PRIVATE SECURITY GUARDS, BAIL ENFORCEMENT AGENTS AND OTHER AUTHORIZED PERSONNEL. THIS PRODUCT LAUNCHES PROJECTILES FROM THE BARREL. MISUSE MAY CAUSE SERIOUS INJURY OR DEATH. EXCEPT WHEN THE LAUNCHER IS IN USE, ALWAYS MAKE SURE THAT THE TRIGGER SAFETY IS IN THE "SAFE MODE". SEE ADDITIONAL SAFETY GUIDELINES AND USER INSTRUCTIONS IN THIS MANUAL.



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## THANK YOU

Thank you for your purchase of this PepperBall® launcher.

This launcher has been designed by United Tactical Systems, LLC. (UTS) for reliability, accuracy and durability. When properly handled, this launcher will give many years of dependable service. Please take the time to read through this manual and become familiar with the safety precautions, parts, operation and maintenance before you attempt to load or fire this launcher. This manual is a supplement to the recommended training. It should be used when training for proper use, required certification or performance of recommended maintenance.

By acceptance of this launcher, you and the user assume total responsibility for its safe and lawful use. The user must observe the same safety precautions as they would with any firearm and should use caution at all times when using, maintaining or otherwise handling this launcher.

**Please read this entire user manual before attempting to operate this launcher.**

## **⚠️WARNING/LIABILITY STATEMENT**

**WARNING:** This PepperBall® launcher is a dangerous weapon.

The user assumes all liability from unsafe handling or any action that constitutes a violation of any applicable laws or regulations. United Tactical Systems, LLC. (UTS) shall not be liable for personal injury, loss of property or loss of life resulting from the use of this weapon under any circumstances, including any intentional, reckless, negligent or accidental discharges. By using this PepperBall® launcher, you release UTS of any and all liability associated with its use.

All information in this manual is subject to change without notice. UTS reserves the right to make changes and improvements to products without incurring any obligation to incorporate such improvements in products previously sold.

**IF YOU DO NOT ACCEPT LIABILITY, DO NOT USE THIS OR ANY PEPPERBALL® LAUNCHER.**

### **WARNING**

#### **TRIGGER SAFETY ACTIVATION**

- Except when your launcher is in use. ALWAYS MAKE SURE THAT THE TRIGGER SAFETY IS IN SAFE MODE, which disables the trigger.
- TO ENGAGE THE SAFETY (SAFE MODE): Push the safety in as shown in Fig. 1.
- TO DISENGAGE (FIRE MODE): Push the same button on the opposite side of the receiver.



**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

# SAFETY

## SAFETY IS YOUR RESPONSIBILITY!

The safety information below contains important warnings related to the proper use of the launcher, projectiles and CO2 canisters. Do not load, discharge or otherwise use this launcher until you have completely read this manual and are familiar with its safety features, mechanical operation and handling characteristics.

- **DANGER:** Never aim at the face, eyes, ears, throat or spine.
- **DANGER:** Never look down the barrel of the launcher. Accidental discharge into the eyes may cause permanent injury or death.
- Eye, face and ear protection should be worn by the user.
- Handle this launcher as if it were loaded at all times.
- Keep your finger off of the trigger until ready to fire.
- Keep this launcher on safe mode until ready to fire.
- Always keep the barrel pointed down or in a safe direction.
- Never point or discharge your launcher at anything you do not intend to shoot.
- Never discharge your launcher at the personal property of others.
- Do not disassemble this launcher while it is pressurized or attempt to pressurize while it is disassembled.
- Keep exposed skin away from any escaping gas when in use and when installing or removing air supply.
- Use only PepperBall® authorized projectiles in this launcher. The use of any unauthorized projectiles in this launcher will void all warranties.
- The use of any unauthorized accessories or alterations to this launcher, including the use of aftermarket products, will void all warranties.
- If any laser is equipped with this launcher, never point laser directly at eyes and observe all safety warnings associated with the equipped laser.
- Always verify launcher is in safe mode and stored in a safe and secure location when not in use.

# SAFETY

## PROJECTILES

### Recommended Pressures for Optimum Operating Performance of the Equipment

This PepperBall® launcher may have the ability to launch both Round PepperBall® projectiles and Shaped PepperBall® projectiles.

When launching Round PepperBall® projectiles the recommended output velocity range is 280-315 FPS. Exceeding velocities over 315 FPS may have an adverse effect on accuracy.

When launching Shaped PepperBall® projectiles the recommended output velocity range is 280-385 FPS. Exceeding velocities over 385 FPS may increase projectile breakage in the launcher.

**Before Use:** It is recommended that prior to each use or anytime that a change is made to the type of projectile launching from this PepperBall® launcher, or an adjustment to the velocity setting, the launcher is first verified with a chronograph to assure that the velocities are within the recommended output velocity range.

## CO2 CANISTERS OR HIGH PRESSURE SYSTEMS

This PepperBall® launcher does not include a CO2 Canister or High Pressure Air System that is under pressure.

When using this PepperBall® launcher with either a CO2 Canister or High Pressure Air System that is under pressure, then the following WARNING, along with any additional warning listed on the Canister or High Pressure Air System is to be followed.

### **WARNING - CONTENTS UNDER PRESSURE**

**Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 120°F. Keep out of the reach of children.**

## GETTING STARTED

1. High Pressure Air (HPA) Bottle Installation (SX only, TX comes with HPA bottle and on-off valve already assembled, go directly to paragraph 2 of TX models).

- Do not pressurize a partially assembled launcher
- Put trigger safety in Safe Mode (see instructions on page 3).
- Cock the launcher by sliding the bolt handle all the way back until it locks into place. Always keep the launcher in the un-cocked position when air supply is attached to the launcher. This will help prevent an accidental discharge.
- To install the HPA bottle, lubricate the HPA bottle valve o-ring with PepperBall® supplied lubricant. Place the on-off valve lever to the “off” position and insert the HPA bottle into the on-off valve which is already attached to the air supply adapter at the back end of the launcher. Twist the HPA bottle clockwise into the on-off valve until it stops. Adjust the butt plate if necessary. Pressurize the HPA bottle to 3000 PSI Max. Turn the lever of the on-off valve to the “on” position, then cock the hammer back. The launcher is ready to launch once you switch from “Safe Mode” to the “Fire Mode”.

## HOPPER INSTALLATION

1. Hopper Installation and Filling

- Make sure that the feed elbow and hopper are clean and free of any sharp edges to keep your PepperBall® launcher feeding smoothly.
- Install the hopper neck into the feed elbow of your launcher and tighten the hopper screw with a 3/16” allen wrench. NOTE: Do not overtighten or the elbow may break. With the safety in “Safe Mode”, you are now ready to load your hopper with PepperBall® Projectiles.
- Fill the hopper and turn off the safety only when ready to shoot.



PepperBall® recommends that all operators receive training in the proper use of this or any PepperBall® launcher system prior to its deployment. For a list of upcoming PepperBall® training courses, please visit [www.PepperBall.com](http://www.PepperBall.com) or call 1-877-887-3773

## UNLOADING YOUR LAUNCHER

To unload your launcher, make sure the launcher is on the “Safe Mode” and completely empty the hopper. Place the on-off valve lever in the off position. Depress the front sight and turn the hopper to the side. Visually inspect the chamber and verify that all projectiles are out of the chamber and barrel.

**IMPORTANT:** Do not uncock the launcher as uncocking the launcher may push a projectile into the chamber or down into the barrel.

### High Pressure Air (HPA) Bottle Removal (Custom SX Only)

To remove a pressurized HPA bottle, place the lever of the on-off valve to the off position, turn the HPA bottle counterclockwise until it is free from the launcher. Once air and projectiles are unloaded the system retains pressure. Point the launcher down or at a safe location and pull the trigger to release the last of the pressure remaining in the launcher.

## REPAIRING HIGH PRESSURE AIR (HPA) BOTTLE LEAKS

The most common leak occurs from a bad bottle o-ring. To replace this o-ring you must first remove the bad o-ring and then install a new one. This o-ring is located on the tip of the HPA bottle. The best o-rings are made of urethane. The urethane o-rings are not affected by high air supply pressures. These may be purchased from UTS. NOTE: If a new HPA bottle o-ring does not resolve the air leak, do not attempt to repair a high pressure air bottle, please contact UTS.

## KNOWING YOUR LAUNCHER



## STORAGE

Put the launcher in the “Safe Mode”. You should store the launcher in a dry area. Before storing the launcher, make sure that the launcher is cleaned and oiled (see instructions below) so that it does not rust. Store the launcher with the bolt in the forward position, uncocked.

## CLEANING & MAINTENANCE

- Never perform cleaning or maintenance on a loaded or pressurized launcher.
- Remove all projectiles and CO2 cartridges from the magazine and launcher prior to doing any cleaning or maintenance.
- To clean the launcher, remove the barrel as described in Section 5: Operation. Use a 68 caliber soft nylon brush or 12 gauge patch tip with a soft cotton cloth to clean the barrel.
- Keep the barrel of the launcher completely dry. Do not place lubricant or water in the barrel of the launcher. The launcher is designed to be used with the barrel completely dry.
- Never use petroleum based cleaning solvents or lubricants.
- Never use cleaning solvents that come in aerosol cans.

## **WARRANTY, DISCLAIMER OF WARRANTY AND LIMITATION OF REMEDIES**

United Tactical Systems, LLC (UTS) warrants, solely to the end user, law enforcement agencies, private security firms, or private or public corrections agencies, that the product is delivered free from defects in materials and workmanship for a period of one (1) year from the original date of purchase.

Within the one-year warranty period, UTS's liability and the buyer's sole and exclusive remedy hereunder for all claims shall be limited to a refund or credit to buyer of the purchase price, or replacement of this product, at UTS's option, provided that the non-conforming product is (1) returned during the warranty period and (2) properly packaged and shipped to UTS's designated facility in accordance with UTS's Return Merchandise Authorization (RMA) Policy.

### **THE REMEDY SET FORTH ABOVE SHALL BE THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF THE FOREGOING WARRANTY.**

Products which have been improperly handled, stored or shipped, or which have been subject to abuse, misuse, alteration and/or neglect are not covered by the warranty. Aftermarket products and the use of non-authorized projectiles are strictly prohibited by UTS and any indication of their installation or use shall void all warranties.

**DISCLAIMER OF WARRANTY:** Except for the express limited warranty set forth above, UTS makes no warranties or representations of any kind, whether express or implied, with respect to the product, including any (a) warranty of merchantability; or (b) warranty of fitness for a particular purpose; or (c) warranty against infringement of intellectual property rights of a third-party, whether express or implied by law, course of dealing, course of performance, usage of trade or otherwise. There are no warranties which extend beyond the description of the face hereof. Buyer shall make no warranty or representation regarding the products that is inconsistent with the warranty set forth above. UTS shall not be liable for any injury, loss, or damage, direct or consequential, arising out of the use or the inability to use this product.

Before Use: the user shall determine the suitability of the product and be fully trained for its intended use, and user assumes all risks and liability whatsoever in connection therein. In no event shall UTS be liable or obligated to buyer or to any third party in any manner for any (a) special, non-compensatory, consequential, indirect, incidental, statutory, or punitive damages of any kind, including, without limitation, lost profits and/or lost revenue, regardless of the form of action, whether in contract, tort, negligence, strict product liability, or otherwise, even if informed of or aware of the possibility of any such damages in advance, (b) in an amount greater than the amounts paid to UTS by buyer for the products, or (c) damage or injury caused by the products, unless due to the gross negligence or willful misconduct of UTS. The limitations set forth above shall be deemed to apply to the maximum extent permitted by applicable law and notwithstanding the failure of the essential purpose of any limited remedies. The parties acknowledge and agree that they have fully considered the foregoing allocation of risk and find it reasonable, and that the foregoing limitations are an essential basis of the bargain between the parties.

## UTS RETURN MERCHANDISE AUTHORIZE (RMA) POLICY

For warranty and non-warranty repair:

- Call UTS at 1-260-478-2500
- UTS will issue a Return Authorization (RA) Number
- UTS will provide the shipment address
- Please make sure that the RA Number is clearly marked on the outside of the package
- Include a brief statement regarding the requested repair, your name, your return address and a telephone number where you can be reached during normal business hours with the shipment
- **CAUTION:** ALWAYS UNLOAD AND REMOVE AIR SOURCE AND PROJECTILES BEFORE SHIPPING A LAUNCHER
- **CAUTION:** THE AIR SOURCE MUST BE DISCHARGED
- Postage and delivery charges must be pre-paid. Collect delivery charges will not be accepted
- Products within the one year warranty period are returned via ground shipping at no charge
- Out of warranty returns require a pre-payment of shipping charges prior to return shipment by UTS
- You may request expedited shipping at your expense with charges paid prior to return shipment

UTS strives to complete the necessary repair work within a reasonable amount time and return the launcher with standard ground shipping.

## WARRANTY REGISTRATION

To ensure that your launcher is properly registered with UTS, please fill out the warranty registration card provided with your launcher.

Please send to the address indicated on the registration card.

## NOTES

## NOTES



**PepperBall®**

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