



# SCATTERGUN

Series

UNIVERSO SIMPER  
AIRSOFT

UNIVERSO SIMPER  
AIRSOFT



## OPERATOR'S MANUAL

Version 1.0

Warning : Read operator's  
manual before use.

# TABLE OF CONTENTS

01 Table of Contents

02 Disclaimer

03-04 Safety

05-06 Specification

07-14 Operation

15-16 Diagram

17 Troubleshooting

18 Warranty

UNIVERSO SIMPER  
AIRSOFT

UNIVERSO SIMPER  
AIRSOFT

## DISCLAIMER

It is the sole responsibility of the user(s) to ascertain that this product complies with all federal, state, and local laws in regards to the possession, transportation, sale, and use of this product. This product is intended for adult user(s) only, JAG Precision and its affiliated entities are not liable for any bodily injury or death that occurs through the use of this product.

## USE OF THIS MANUAL

Prior to handling these products, the user(s) must read this manual in its entirety. This manual encompasses important safety topics, instructions, principles, and operations including but not limited to mandatory safety equipment, replica firearms safety procedures, transportation, operation, maintenance, function, etc.

# **FAILURE TO FOLLOW SAFETY GUIDELINES MAY RESULT IN SERIOUS INJURY!!!**

## **EYE PROTECTION**

Always wear full seal ANSI-Z87.1 rated eye protection when in the vicinity of, operating, servicing, transporting, and or shooting this airsoft product.

## **ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND TREAT THE GUN AS LOADED**

Always treat the airsoft gun as if it's loaded. Never assume the airsoft gun, chamber, shells/magazines, and or gas reservoir is empty and unloaded based off of memory or the word of others. Always unload the shells/magazines, empty the chamber, and vent the gas reservoir(s) after use.

## **FINGER OFF THE TRIGGER, SAFETY ON**

Always keep your fingers off the trigger and to the side of the trigger guard with the safety set to the safe position until you are ready to fire.

## **KNOW YOUR TARGET AND ITS SURROUNDINGS**

Always be aware of the direction that the airsoft gun is pointing. Never point or aim the airsoft gun in a direction you do not intend to shoot. When not firing always keep the muzzle pointed in a safe direction. Never aim this gun at people and or animals.

## **SAFETY DISTANCE**

The effective shooting range of this airsoft gun is approximately 175 feet. BBs fired from this airsoft product may travel further than intended. Make certain that you have an adequate backstop before firing.

## **CARRYING ON AND OFF THE FIELD**

Only use this airsoft product in legally established airsoft fields. Use in any other location may be mistaken as brandishing.

## **HEARING PROTECTION**

Always wear hearing protection when operating this product.

## BEWARE OF BARREL OBSTRUCTIONS

Ensure that the barrel is clear free of obstructions before firing the airsoft gun. Failure to do so will cause jams or stoppages which may damage the internal mechanisms and void the warranty. Ensure that the aforementioned safety equipment is worn at all times and the safety is engaged whenever checking for obstructions.

## STORAGE AND TRANSPORT

Ensure that the airsoft gun, shells/magazines, and gas reservoirs are unloaded and empty. Place the fire selector on safe, insert a plug into the barrel, and place the airsoft gun inside of a secure container or bag. It is the sole responsibility of the user(s) to ascertain that this product complies with all federal, state, and local laws in regards to the transportation of this product.

## ONLY USE HIGH QUALITY BBS AND GAS

Only use high quality bbs and gas with this airsoft product. Failure to do so will void the warranty and will cause breakages and ricochets.

## BLAZE ORANGE TIP AND MODIFICATIONS

Any alteration of the blaze orange tip affixed or painted to the end of the barrel or modifications to the gun and internals will void the warranty of the product and may violate, state, federal, or local laws.

## CLEANING AND MAINTENANCE

Performing the proper maintenance as outlined in this manual will ensure the longevity of your JAG ARMS product. Failure to do so will negatively impact service life and may lead to injury.

## ALCOHOL, MEDICATIONS, AND DRUGS

Do not handle or operate your airsoft product while under the influence of alcohol, medication, or drugs.

**FAILURE TO FOLLOW SAFETY GUIDELINES MAY  
RESULT IN SERIOUS INJURY!!!**

Weight	5
Length	37.625"
FPS	345
Shell Capacity	30
Shot Count	3/6
Gas Location	Stock

## HD



Weight	5
Length	37.625"
FPS	345
Shell Capacity	30
Shot Count	3/6
Gas Location	Stock

## HDS



Weight	5
Length	31"
FPS	345
Shell Capacity	30
Shot Count	3/6
Gas Location	Buffer Tube

## TS



Weight	5
Length	31"
FPS	345
Shell Capacity	30
Shot Count	3/6
Gas Location	Buffer Tube

## TSS



## SCQB

Weight	4
Length	17.875"
FPS	300
Shell Capacity	30
Shot Count	3/6
Gas Location	Grip



## SP

Weight	4
Length	34.75"
FPS	345
Shell Capacity	30
Shot Count	3/6
Gas Location	Buffer Tube



## SPX

Weight	4
Length	34.75"
FPS	345
Shell Capacity	30
Shot Count	3/6
Gas Location	Buffer Tube



## SPX2

Weight	4
Length	31
FPS	345
Shell Capacity	30
Shot Count	3/6
Gas Location	Buffer Tube



## ENGAGING THE SAFETY

Located right behind the trigger on trigger guard is a circular button with a ring texture on it. This button is the safety; engaging the safety prevents the airsoft gun from accidentally discharging. Always engage the safety when the airsoft gun is not actively being fired.

The safety can be disengaged by pressing the button from the right side of the airsoft gun and reengaged by pressing the button from the left side of the airsoft gun.

### Safety On



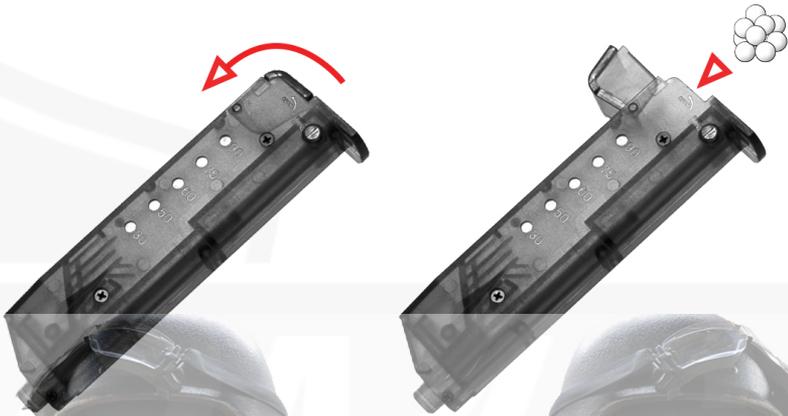
### Safety Off



## LOADING THE SHELL

The included speed loader facilitates the rapid loading of scattergun shells.

On the opposite side of the ledge of the speed loader is a rounded door which can be opened by pulling the top away from the flange.



Once filled close the door and release the loading lever by pressing the small button located next to the flange.

To fill the shell/magazine insert the nozzle on the opposite end of the loader into the open end of the scattergun shell and press the loading lever until significant resistance is encountered.



## FILLING THE GAS

Hold the canister of gas upside down and over the fill valve located on either the buffer tube, grip, or gas cartridge depending on the model.

Press squarely into the fill valve taking care not to angle the canister as it will cause gas to vent during the filling process

Press and hold for approximately 10 seconds or until full!



## INSERTING THE GAS CARTRIDGE INTO THE STOCK

The full stock scattergun models HD and HDS utilize a removable gas cartridge system.

To insert the cartridge simply squeeze the sides highlighted in red of the rubber butt pad and pull straight back to reveal the cartridge dock inside the stock.

Insert the gas cartridge with the wider section of the gas tank facing up until you hear a solid click.

To remove the cartridge simply press the textured lever located directly above the cartridge dock.



## PREPARING TO FIRE

Once the shell and gas is full and the safety is engaged a shell can be loaded into the airsoft gun.

To access the shell port there is a lever with a textured region located on the left side of the trigger guard. Pulling this lever straight back will open the trap door covering the shell loading port.

Insert a shell nose first into the port and close the loading door to secure the shell into the gun.



## SELECTING 3 OR 6 SHOT

The scattergun has a selectable 3 or 6 shot fire mode function. Pulling the pump back will reveal a selector switch hidden behind the imitation bolt.

Sliding the selector to the forward position will engage the 6 shot mode while sliding it to the rear will engage the 3 shot mode

### 3 Shot Mode



### 6 Shot Mode



# OPERATIONS DURING ADVERSE CONDITIONS

## HEAVY RAINFALL

Heavy rainfall may cause moisture to build up inside of the internals of the gun and may void the warranty. Immediately after use dry all moisture and clean all barrels. Store in a dry location.

## EXTREME COLD

This product is designed to operate above 70°F. In temperatures and environments below this this operating temperature performance and durability will be adversely affected. The use of an HPA (High Pressure Air) conversion kit is necessary for this product to perform as advertised in extremely cold environments.

## EXTREME HEAT

This product is designed to operate below 90°F. In temperatures and environments above this operating temperature the gun may fire at higher than advertised velocities. It is suggested that users switch to the 6 shot mode to reduce velocities to field legal levels. The use of lower pressure gas or an HPA (High Pressure Air) conversion kit might be necessary for this product to perform as advertised during the extreme heat.

## DUSTY OR SANDY CONDITIONS

Dust or sand will cause malfunctions and interfere with the function of the airsoft gun and may void the warranty. Be sure to avoid sandy or dusty environments and situations and to always clean the barrels and gun immediately after use.

UMVERSO SIMPER  
AIRSOFT

UMVERSO SIMPER  
AIRSOFT

## CLEANING THE BARRELS

Due to the multi-shot functionality of this product there are 3 separate barrels that need to be maintained.

It is recommended that these barrels be cleaned after each use with the included cleaning rod.

Insert a swab, paper towel, or piece of fabric through the eyelet of the cleaning rod while pulling down. Be sure to remove any excess that reaches the wide portion of the cleaning rod.

Lightly dampen the swab with isopropyl alcohol and Insert the cleaning rod swab first squarely into each barrel, upon encountering any resistance retract the rod and reinsert.

Repeat as necessary until there is little to no dirt on the swab.



# INTERNAL DIAGRAM

UNIVERSO SIMPER  
AIRSOFT

UNIVERSO SIMPER  
AIRSOFT



UNIVERSO SIMPER  
AIRSOFT

UNIVERSO SIMPER



## INTERNAL DIAGRAM

## TROUBLESHOOTING

SYMPTOMS	CAUSES	SOLUTIONS
High FPS	Temperature too high	Place in the shade or dry fire the gun filled with gas only to cool it off
Low FPS	Incorrect Gas	Only use JAG Arms Race Gas
	Temperature too low	Warm up the gun with body heat or install a HPA conversion kit
	Low on Gas	Refill Gas
Inconsistent Trajectory	Incorrect Gas	Only use JAG Arms Race Gas
	Dirty or reused BBs	Only use new JAG Arms BBs
	Barrel is Dirty	Unjam and clean all barrels with included cleaning rod
	BBs are too light	Use a heavier weight BBs
Pump is jammed	Damaged Hop-up	Contact JAG Arms for technical support
	Gun is cocked	Fire in a safe direction and retry
	Stuck Sears	Lightly tap barrel on a hard surface and retry
	Object obstructing the pump	Clear pump of obstructions
	Incorrectly Reassembled	Contact JAG Arms for technical support
Gun is not firing	Damaged Internals	Contact JAG Arms for technical support
	Safety is on	Turn off safety
	Gas reservoir is empty	Fill gas or insert filled gas cartridge
	Shells is empty or jammed	Use a different fully loaded shell
	Barrel is dirty	Unjam and clean all barrels with cleaning rod
	Dirty or reused BBs	Only use new Jag Arms BBs
	Damaged loading arm	Contact JAG Arms for technical support
	Hissing Noise	Dry O-ring seals
	Gas pressure too high	Move to the shade or fill with a lower pressure gas
	Loose gas cartridge	Re-insert the gas cartridge
	Damaged O-rings	Contact JAG Arms for technical support

## LIMITED WARRANTY

All Jag Arms products are warrantied up to 31 days from the date of purchase for any manufacturers defects. If you have any issues with your JAG Arms product please contact [RMA@jagprecision.com](mailto:RMA@jagprecision.com) along with a detailed description of the issue you are experiencing and an attached copy of the original sales receipt.

Issues such as standard wear and tear and user error are not covered under the limited warranty.

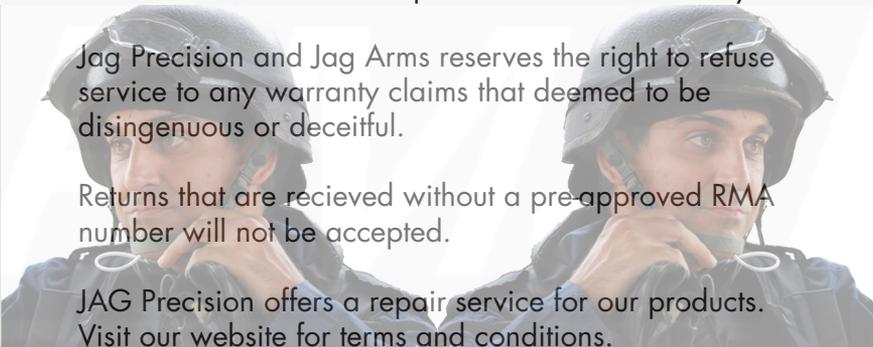
Installation of an HPA adapter will void the warranty.

Jag Precision and Jag Arms reserves the right to refuse service to any warranty claims that deemed to be disingenuous or deceitful.

Returns that are recieved without a pre-approved RMA number will not be accepted.

JAG Precision offers a repair service for our products. Visit our website for terms and conditions.

UNIVERSO SIMPER  
AIRSOFT



UNIVERSO SIMPER  
AIRSOFT

UNIVERSO SIMPER  
AIRSOFT



UNIVERSO SIMPER  
AIRSOFT

JAG PRECISION INC. 2223 Troy Ave. South El Monte CA 91733.