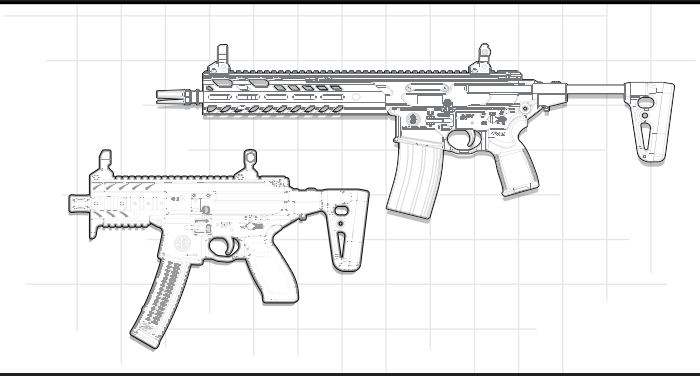
SIG ONE®

SIG SAUER®



MCX / MPX SPRING AIRSOFT RIFLE SERIES

OPERATOR'S MANUAL: HANDLING & SAFETY INSTRUCTIONS

READ THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL CAREFULLY BEFORE USING THIS AIRSOFT GUN. DO NOT DISCARD THIS MANUAL.

THIS MANUAL SHOULD ALWAYS ACCOMPANY THIS AIRSOFT GUN AND BE TRANSFERRED WITH IT UPON CHANGE IN OWNERSHIP, OR WHEN THE AIRSOFT GUN IS PRESENTED TO ANOTHER PERSON.

WARNINGS

1.0 SAFETY WARNINGS

READ THIS OPERATOR'S MANUAL COMPLETELY. DO NOT BRANDISH OR DISPLAY THIS AIRSOFT GUN IN PUBLIC. IT MAY BE CONFUSING TO PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK THIS AIRSOFT GUN IS A FIREARM. DO NOT USE OR CARRY THE AIRSOFT GUN IN SITUATIONS WHERE IT COULD BE MISTAKEN FOR A FIREARM. THIS AIRSOFT GUN IS NOT A TOY. TREAT IT WITH THE SAME RESPECT YOU WOULD A FIREARM. ALWAYS CAREFULLY FOLLOW THE SAFETY DIRECTIONS FOUND IN THIS OPERATOR'S MANUAL AND KEEP THIS MANUAL IN A SAFE PLACE FOR FUTURE USE. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY, ESPECIALLY TO THE EYE. THE USE AND PURCHASE OF THIS AIRSOFT GUN IS NOT RECOMMENDED FOR PERSONS UNDER 18 YEARS OF AGE.

THE BASIC RULES OF SAFE AIRSOFT GUN HANDLING

ALWAYS treat every Airsoft gun as if it were loaded.

ALWAYS point the Airsoft gun in a safe direction. DO NOT point any Airsoft gun, loaded or unloaded, at any undesired target.

ALWAYS be sure of your backstop, what lies beyond, and the safety of bystanders before you shoot.

ALWAYS keep your finger clear of the trigger until ready to fire.

DO NOT brandish, tamper with, or attempt to alter Airsoft gun in any way. Actions may result in injury, especially to the eye.

NEVER alter or remove the orange tip or any safety markings on the Airsoft gun.

ALWAYS use clean, dry, ammunition of the proper type and caliber for your Airsoft gun. Never reuse ammunition.

ALWAYS be sure you and those around you wear proper eye protection when shooting.

ALWAYS carry your Airsoft gun so that you can control the direction of the muzzle if you fall or stumble.

NEVER shoot at a flat surface or water to avoid ricochet.

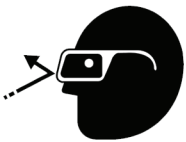
DO NOT leave a loaded Airsoft gun unattended. Airsoft guns and ammunition should be stored separately, locked if possible, beyond the reach of children, careless adults, and unauthorized users.

NEVER allow your Airsoft gun to be used by anyone who has not read and understood this operator’s manual.

ALWAYS be sure that the barrel is clear of any obstruction.

NEVER drink alcoholic beverages or take drugs before or during shooting, as your vision and judgment could be seriously impaired, making your Airsoft gun handling unsafe.

1.1 EYE PROTECTION



ALWAYS WEAR SAFETY GLASSES THAT MEET THE REQUIREMENTS OF AMERICAN NATIONAL STANDARDS INSTITUTE/INTERNATIONAL SAFETY EQUIPMENT ASSOCIATION (ANSI/ISEA) Z87.1 OR EUROPEAN STANDARD (EN) 166 WHEN HANDLING, PRACTICING, OR PLINKING WITH AN AIRSOFT GUN. WHEN TRAINING OR USING IN FIELD EVENTS AND COMPETITIONS, PROPER EYE AND FACE PROTECTION DESIGNED FOR AIRSOFT GUNS MUST BE WORN BY THE USER AND ANY PERSON WITHIN RANGE.

1.2 PROP 65 WARNING

CANCER AND REPRODUCTIVE HARM WWW.P65WARNINGS.CA.GOV

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2.0 PRODUCT DESCRIPTION - MPX

2.1 PRODUCT DESCRIPTION - MCX-VIRTUS

2.2 PRODUCT DESCRIPTION - MCX-RATTLER LT

3.0 MODEL SPECIFICATIONS

	SIG MPX, SPRING AIRSOFT RIFLE	SIG MCX-VIRTUS, SPRING AIRSOFT RIFLE	SIG MCX-RATTLER LT, SPRING AIRSOFT RIFLE
SKU	**AIR-S1-MPX-S**	**AIR-S1-MCX-S**	**AIR-S1-MCX-RATTLER-LT-S-BLK**
Operating System	Spring Piston	Spring Piston	Spring Piston
Action Type	Manual Cocking	Manual Cocking	Manual Cocking
Muzzle Velocity	Up to 270 FPS (82 MPS) w/ 0.20g	Up to 300 FPS (91 MPS) w/ 0.20g	Up to 270 FPS (82 MPS) w/ 0.20g
Muzzle Energy	Up to 0.50 FPE (0.68J) w/ 0.20g	Up to 0.61 FPE (0.83J) w/ 0.20g	Up to 0.50 FPE (0.68J) w/ 0.20g
Caliber	6mm	6mm	6mm
Ammo Type	BB (Airsoft)	BB (Airsoft)	BB (Airsoft)
Optimal Ammo Weight	0.20g	0.20g	0.20g
Magazine Capacity	25 rds (500 rds Reservoir)	19 rds (500 rds Reservoir)	19 rds (600 rds Reservoir)
Sights	Fixed / Flip-Up	Fixed / Flip-Up	Fixed / Flip-Up
Optics Mount	Picatinny	Picatinny	Picatinny
Accessory Rail	Picatinny	M-LOK	M-LOK
Hop-Up	Fixed	Fixed	Fixed
Muzzle Thread	No	No	No
Safety/Selector	Manual Ambidextrous	Manual Ambidextrous	Manual Ambidextrous
Receiver Material	Polymer	Polymer	Polymer
Stock Material	Polymer	Polymer	Polymer
Stock Type	Collapsing/Telescoping	Collapsing/Telescoping	Minimalist, Locking/Folding
Weight	1.3 lbs (0.59kg)	2.0 lbs (0.91kg)	1.8 lbs (0.82kg)
Overall Length	22.0 in (559mm)	29.7 in (755.7mm)	25.9 in (657.9mm)
Overall Height	10.5 in (266.7mm)	8.9 in (266.7mm)	8.9 in (266.7mm)
Overall Width	2.75 in (69.85mm)	2.75 in (69.85mm)	2.75 in (69.85mm)

4.0 SAFETY/SELECTOR SWITCH

SAFE

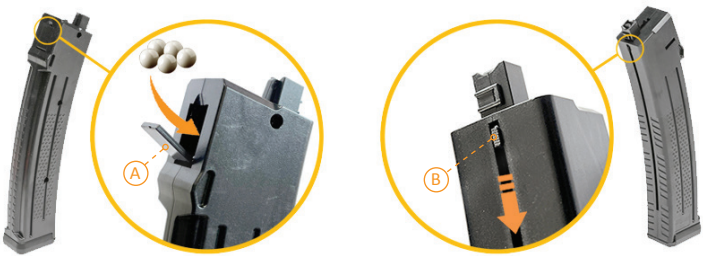
FIRE

FIRE

The safety is controlled using the selector switch. The switch is ambidextrous so the safety can be engaged with either the right or left hand switch.

Moving the selector switch into either the semi-auto or full-auto positions will disengage the safety so the rifle can be fired. However, since this is a spring powered rifle, it must be cocked before every shot and is incapable of firing semi or full-auto.

5.0 LOADING MAGAZINE



The magazine is equipped with a reservoir which must be filled in order to load the magazine. The MPX magazine is illustrated here, but the process is the same for MPX or MCX series models. To fill the reservoir, open the loading port door **(A)** located on the top rear of the magazine and pour BBs in until it is full. Once the reservoir is full, push the loading port door closed until it snaps back in place and is flush with the back of the magazine.

Pull the follower **(B)** on the front of the magazine all the way down to the bottom of its channel and hold it (the follower will not lock). This will open the passage between the reservoir and the ready tube on the front of the magazine.

Tilt the magazine to allow BBs from the reservoir to roll through the passage at the bottom of the magazine and into the ready tube. This may require tilting the magazine back and forth a few times until the ready tube is full. Once full, release the follower which will prevent the BBs from rolling back into the reservoir. The magazine is now loaded and can be inserted into the rifle.

⚠ NOTICE

THE MAGAZINE OF THE MCX-VIRTUS IS DIMENSIONALLY DIFFERENT FROM THE MAGAZINE USED IN THE MCX LT SERIES RIFLES AND THEREFORE ARE NOT CROSS COMPATIBLE BETWEEN VIRTUS AND LT MODELS.

6.0 FIRING THE RIFLE

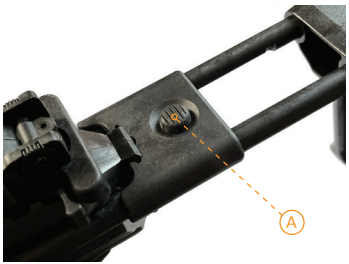
Keep the muzzle pointed in a safe direction. Insert the loaded magazine firmly into the magwell of the rifle until it locks in place. Cock the rifle by grasping both sides of the "T" charging handle and pulling straight back until a click is heard. Return the charging handle forward to its original position. The rifle is now ready to fire. Aim the rifle at your target and rotate the selector switch to the fire position. Squeeze the trigger to the rear and the rifle will fire.

Repeat the above process to continue shooting. Once all BBs have been fired from the magazine, press the magazine release button to remove the magazine and reload BBs.

⚠ CAUTION

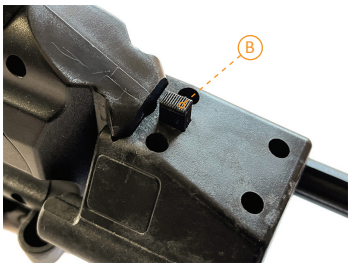
DO NOT RELEASE THE CHARGING HANDLE SO THAT IT SLAMS FORWARD AFTER COCKING. DOING SO CAN CAUSE THE BB TO SEAT INCORRECTLY, AND CAN CAUSE DAMAGE TO THE MECHANISM. ALWAYS GUIDE THE HANDLE FORWARD.

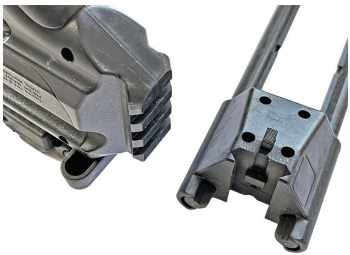
7.0 OPERATING STOCK - TELESCOPING



For rifles equipped with a telescoping stock, the stock has 3 locking positions (collapsed, half extended and fully extended). To adjust the stock, depress the round button on the top of the stock **(A)** to unlock it and then move the stock slightly in the direction you wish to adjust it before releasing the button. Then, continue moving the stock in that direction and the lock will automatically engage once the stock reaches the locking point.

If the button is held down and the stock is continued to be pulled to the rear, it will pull completely out of its base. To reinstall, simply depress the button and slide the stock back into the base of the stock before releasing the button.





The stock assembly attaches to a picatinny style rail at the rear of the receiver and can be removed completely if desired. This is accomplished by first adjusting the stock to the fully extended position and then depressing the square button **(B)** on the underside of the stock base to unlock it.

Once unlocked, the stock can slide vertically up or down off the rail to remove it. To reinstall, simply depress the square button again and slide the stock back onto the rail from either direction. Release the button and move the stock slightly in either direction vertically until the button locks in place.

7.1 OPERATING STOCK - FOLDING

For rifles equipped with a folding stock, the stock can be folded to the left side of the rifle after the stock is unlocked. To fold the stock, depress the round button on the top of the stock **(A)** while pulling up on the stock to unlock it and then pivot the stock to the left to fold it against the receiver. To unfold the stock, grasp the stock and pivot it away from the receiver until it locks in the deployed position.

8.0 SPRING GUN GENERAL USE & MAINTENANCE

AMMUNITION

QUALITY AMMO: Avoid using the lowest cost ammo, as lower cost typically translates into lower quality. Low quality ammo can have imperfections which will have a negative impact on performance such as how accurate the gun can be, the velocity it can shoot and how reliability it can feed and function. Investing in higher quality ammo will allow the gun to achieve higher performance with less chance of malfunction. Never use ammo that has visible imperfections such as seams or a rough surface. Ammo with a seamless, high polished finish will provide superior performance.

PROPER WEIGHT: Always use the recommend weight range listed in the air gun's specifications. Using ammo outside of the recommend weight range will have a negative effect on accuracy and may cause the gun to jam or malfunction.

LUBRICATION

OIL TYPE: Air guns require very little maintenance and only require that a thin film of oil be maintained on contact areas between moving parts. Use of silicone oil designed specifically for air gun models is recommended. General purpose lubricants and lubricants for firearms should not be used since they are petroleum based and can be harmful to the seals of an air gun.

⚠ WARNING

FOR USE WITH 6MM AIRSOFT BBs ONLY. USE OF ANY OTHER AMMUNITION MAY RESULT IN INJURY, OR DAMAGE TO THE AIRSOFT GUN. DO NOT REUSE AMMUNITION OR USE AMMUNITION WITH VISIBLE IMPERFECTIONS.

⚠ CAUTION

THE AIR GUN SHOULD NEVER BE LEFT COCKED FOR AN EXTENDED PERIOD OF TIME. DOING SO CAN CAUSE PERMANENT DAMAGE TO THE PISTON AND FIRING MECHANISM. ALWAYS DECOCK THE AIR GUN AFTER USE.

⚠ CAUTION

TO ACHIEVE OPTIMUM ACCURACY AND PERFORMANCE, DO NOT USE .12g BBs OR ANY BB LIGHTER THAN .20g. DO NOT USE ANY BB WHICH IS NOT SEAMLESS AND POLISHED. AVOID USING “BULK” BBs AS THEY ARE TYPICALLY LOW QUALITY AND CAN DAMAGE YOUR AIR GUN.

⚠ CAUTION

IF THERE IS A JAM OR OBSTRUCTION IN THE BARREL, NEVER ATTEMPT TO SHOOT ANOTHER BB. DOING SO CAN CAUSE PERMANENT DAMAGE TO THE AIR GUN. STOP FIRING IMMEDIATELY, ENGAGE THE SAFETY AND REMOVE THE MAGAZINE BEFORE CLEARING THE OBSTRUCTION. IF THE MAGAZINE WILL NOT DROP FREE, ATTEMPT TO PULL IT GENTLY FROM THE AIR GUN. ONLY USE A PLASTIC OR WOODEN CLEARING ROD TO REMOVE OBSTRUCTIONS. USE OF METAL CLEARING RODS CAN CAUSE PERMANENT DAMAGE TO THE BARREL.

9.0 STORAGE & TRANSPORTATION

MAKE IT SAFE

UNLOADING: The best way to unload an air gun is to fire all ammunition from the magazine. If this is not possible, ammunition can be pushed out manually using a small rod or, if applicable, emptied through the loading port.

DECOCKING: The air gun must be decocked before storage or transportation to prevent permanent damage to the piston and firing mechanism. The air gun can be decocked by simply removing the magazine, pointing the muzzle in a safe direction and firing the gun.

KEEP IT SAFE

STORAGE: Always store the air gun in a cool, dry place. Never store the air gun in a location with elevated temperatures such as next to a furnace or boiler, or leave the air gun in your vehicle on a warm day. Be aware of high and low temperatures outside of the optimum storage/operating range (59°F/15°C to 90°F/32°C) as parts/equipment such as high pressure gases, seals, etc. can be affected and/or damaged. Store your unloaded air gun separate from your ammunition and in places inaccessible to children and unauthorized persons, under lock and key if possible.

TRANSPORTING: When transporting your air gun, keep it unloaded and on safe for your safety and for the safety of others. It is your responsibility to familiarize yourself with the laws of any state you will be traveling through with your air gun.

10.0 SERVICE / SHIPPING POLICY

If you have questions concerning the performance or servicing of your Airsoft gun, please write or call:

SIG SAUER, Inc.
Attention: Customer Service
18 Industrial Drive, Exeter, NH 03833

Phone: (603) 610-3000 ext. 1
Fax: (603) 766-7002

IF YOU DO NOT UNDERSTAND THE INSTRUCTIONS FOR OPERATING YOUR AIRSOFT GUN, IT IS YOUR RESPONSIBILITY TO CALL OUR CUSTOMER SERVICE DEPARTMENT AT (603) 610-3000 EXT. 1 BEFORE USING YOUR AIRSOFT GUN.

In the event that you need to return your Airsoft gun to the SIG SAUER Service Department, here's what to do:

1. Contact Customer Service at (603) 610-3000 ext. 1 for a return merchandise authorization (RMA) number, which will allow SIG SAUER to track the status of your return from its receipt at SIG SAUER through its return to you. Please do not send your Airsoft until you obtain an RMA number.

2. Make sure that the chamber and magazine(s) are unloaded and that no ammunition is included with your returned Airsoft gun.

3. Package the Airsoft gun securely to prevent damage. Enclose a letter that includes your name, street address, daytime phone number, model and serial number, and a detailed description of the problem you have experienced or the work that you want performed. With the exception of extra magazines, do not include any other accessories such as scopes or mounts.

4. SIG SAUER is not responsible for any Airsoft gun until it is received, nor for damage incurred during shipment.

5. Ship your Airsoft gun insured and prepaid (we do not accept collect shipments) to:

SIG SAUER, Inc.
Attention: Service Department
18 Industrial Drive Exeter, NH 03833

Don’t forget to write your RMA number on the package.

A copy of this instruction manual should always accompany this Airsoft gun and be transferred with it upon change of ownership.

11.0 WARRANTY INFORMATION

SIG SAUER AIRSOFT/AIR GUN/AIR ACCESSORY LIMITED WARRANTY

SIG SAUER warrants that the enclosed AIRSOFT/AIRGUN/AIR ACCESSORY product was originally manufactured free of defects in material, workmanship, and mechanical function. For the applicable periods listed below, SIG SAUER agrees to correct any defect in the product for the original purchaser by repair, adjustment, or replacement, at SIG SAUER’s option, with the same or comparable quality components (or by replacing the product at SIG SAUER’s option); provided however, that the product is returned unloaded and freight prepaid to SIG SAUER at 18 Industrial Drive, Exeter, NH, 03833.

Limited Warranty Applicable Periods:

- SIG SAUER® AIR ONE Airsoft Models – Thirty (30) days from date of purchase

- SIG SAUER® PROFORCE Airsoft Models – One (1) year from date of purchase

- SIG SAUER® AIRGUN Models (non-HUNTER models) – One (1) year from date of purchase
- SIG SAUER® HUNTER AIRGUN Models – One (1) year from date of purchase
- SIG SAUER® AIR ACCESSORIES – One (1) year from date of purchase

Proof of purchase will be required with any request for warranty repair.

This limited warranty is null and void if the product has been misused, damaged (by accident or otherwise), fired with improper ammunition, fired with an obstruction in the barrel, damaged through failure to provide reasonable and necessary maintenance as described in the manual accompanying the product, or if unauthorized repair or any alteration, including of a cosmetic nature, has been performed on the product. This limited warranty does not apply to normal wear and tear of any parts.

Subject to the foregoing, this limited warranty confers the right to have the covered product or its parts repaired, adjusted, or replaced exclusively upon the original purchaser, which right is not transferable to any other person.

ANY WARRANTIES IMPLIED BY LAW, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. REPAIR, ADJUSTMENT, OR REPLACEMENT AS PROVIDED HEREIN IS YOUR EXCLUSIVE REMEDY FOR ANY DEFECTIVE PRODUCT. IN NO EVENT SHALL SIG SAUER OR ANY COMPANY AFFILIATED WITH SIG SAUER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING OUT OF THE PURCHASE OR USE OF THIS PRODUCT, WHETHER BASED UPON CONTRACT, TORT, STATUTE, OR OTHERWISE. Some states do not allow the exclusion or limitation of implied warranties, or the exclusion or limitation of incidental or consequential damages, so some or all of the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State-to-State.

THIS WARRANTY APPLIES TO U.S. COMMERCIAL CUSTOMERS ONLY, AND DOES NOT APPLY TO GOVERNMENT, MILITARY, LAW ENFORCEMENT, OR NON-US CUSTOMERS. NON-US CUSTOMERS SHOULD CONTACT THEIR LOCAL DEALER OR DISTRIBUTOR FOR APPLICABLE WARRANTY COVERAGE.

sigsauer.com

SIG SAUER, Inc.
72 Pease Boulevard, Newington, NH 03801 USA

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P/N 5701573 REV02