

MSX **SUPPRESSORS**

BY MAXIM DEFENSE



PRS:338 OPERATOR'S MANUAL



MAXIM
DEFENSE®

Maxim Defense Industries, LLC was born with the mission of being a 21st century defense development company striving to give the military and law enforcement the next generation of tools and equipment that exceed in today's extreme environments.

Our mission is focused on the Special Operation Forces community and developing products that are purpose designed and duty built to meet or exceed demanding challenges they face in this dangerous world.

Our development efforts are focused on servicing this community, but we are also committed to our commercial clients and customers, for without their support we could not achieve our mission of helping those that are down range and in harm's way.

At Maxim Defense we are dedicated to the design and production of only the highest grade in performance firearms and to protect you, who protect us and our liberties selflessly every day.

Michael G. Windfeldt
President & CEO
Maxim Defense Industries LLC





PRS SERIES

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Before using this suppressor, be certain you have read and understand this manual in its entirety.

Warning: Because sound suppressed weapons make less noise than non-suppressed weapons, it is easy to forget they are still firearms. It is vital importance to remember that a sound suppressed firearm is just as dangerous as a non-suppressed firearm, and the same safe handling requirements apply.

WARRANTY STATEMENT

Warning: Failure to follow installation and maintenance instructions detailed in this manual can result in potentially serious injury to the user and damage to the weapon. Firearm sound suppressors are user attached firearm muzzle devices, and as such are subject to improper attachment unless the proper procedures outlined in this manual are followed.

MANUFACTURER'S DISCLAIMER

The manufacturer is not responsible for improper usage of this product. This product is potentially dangerous, and as such it is the user's responsibility to understand and implement its proper use. If you do not understand the instructions in this manual, please contact the manufacturer for further clarification.

CAUTION: Before performing any maintenance operation, always remove the magazine from the firearm, open the action, and visually ascertain that the chamber is empty, and the weapon is unloaded. Failure to do so can result in potential for serious injury to the user and others.

Always read the warning label on any cleaner or solvent and remember that virtually all solvents are inherently dangerous and potentially toxic. Always use adequate ventilation and both skin and eye protection when using solvents.

Never use a patch to clean the barrel with the suppressor MonoKore in place, as the patch may become lodged in the MonoKore baffle system.

In general, it is advisable to use a small amount of blue Loctite (243) on the barrel threads to install suppressors for duty use. For suppressor installation, torque should not be above 40 ft*lb, but not below 25 ft*lb (firmly hand tight). This suppressor seats on the muzzle of the barrel, use an appropriate alignment rod to guarantee suppressor alignment prior to shooting.

It is recommended that the user periodically ensure that the suppressor is tight. To do so: cease fire, unload and visually and physically inspect the firearm to be clear and safe, then allow the suppressor to cool to ambient temperature and only then try and tighten the suppressor by hand (turning clockwise).

WARNING: suppressors are VERY HOT under fire. Never attempt to see if the suppressor is tight soon after it has been fired, as there is nothing that can protect your hand while grabbing a metal object that is as hot as a suppressor can get. It is always safest to allow the suppressor to cool all the way to room temperature to check that it is still torqued in place.

SAFETY INFORMATION

4 FIREARM SAFETY RULES:

1. Treat every weapon as if it were loaded.
2. Never point a weapon at anything you do not intend to shoot.
3. Keep your finger straight and off the trigger until you intend to fire.
4. Keep the safety on until you are ready to fire.

ADDITIONAL SAFETY CONSIDERATIONS:

The Safety Selector should remain on “Safe” until you are ready to “Fire”, then placed back on “Safe”.

WARNING: It is your responsibility to reference and obey all Federal, State and Local laws and regulations on the possession, carriage and discharge of firearms. Law Enforcement and Military consumers, you are responsible for referencing and obeying the policies of your respective agencies that apply to the carry and use of this firearm.

WARNING: Ensure that the Forward Hand Stop is securely mounted prior to use of this firearm.

Disclaimer: Maxim Defense assumes no liability or responsibility for the misuse, criminal use, nefarious activity with, or negligent use of this firearm. Maxim Defense encourages the user to seek further professional firearms training.

CAPABILITIES

Maxim Defense Industries Firearm Silencers are designed to dominate close-quarter encounters with maximum energy on target and handle the fierce demands of the Tier 1 Community. Our unprecedented concealability allows for the maneuverability needed in offensive/ defensive direct-action engagements.

PRS338

The PRS338 is constructed of 7075-T6 aerospace grade aluminum (MonoKore™, tube, and mount) and 6AL-4V titanium (thread insert)

DIMENSIONS (ASSEMBLED)

Length..... 10.9 inches
Diameter..... 1.75 inch (1.81" at tool feature)
Weight..... 18.5 ounces

COATINGS

Tube Type-III Hard Coat Anodizing
MonoKore™..... Type-III Hard Coat Anodizing
Mount..... Type-III Hard Coat Anodizing

RATING

CALIBER	FIRING TABLE	BARREL LENGTH
Up to 338LM	CRoF	26"

*CRoF, or Controlled Rate of Fire, is fire 20 rounds as fast as you can and allow the suppressor to cool to ambient temperature.

THREAD PITCH

5/8-24

CAUTION: The PRS338 suppressor contains no packing materials within the suppressor, i.e. liquid ablative agents, rubber or leather wipes, etc. This suppressor was designed to be the ideal hunting and Precision Rifle Shooting suppressor. The suppressor was not designed to be used with ablative agents or artificial atmosphere, and the presence of fluids within the suppressor ARE detrimental to its operation.

INSTALLATION

Ensure the suppressor is correctly oriented for installation and removal, with only one proper alignment. Prior to usage, it is essential to securely affix the suppressor onto the firearm. Failing to do so may lead to potential damage to both your firearm and the suppressor.

Conduct a visual inspection of the suppressor post-installation to verify that it is perfectly aligned with the centerline of the bore and not tilted in any way. Should you observe any misalignment between the suppressor and the bore, immediately halt the installation process and contact our Customer Service Department.

Utilizing the suppressor when it is improperly mounted could result in irreversible damage to your suppressor, resulting in suboptimal performance and diminished accuracy.

DISASSEMBLY



The tools required to assemble, disassemble, and maintain the PRS338 are a 1” wrench or socket (mount) and 1 ¼” wrench or socket (tube).



To disassemble the PRS338, begin by securing the 1” socket and driver in a vice, as shown. This will serve as the holding point for the mount portion of the suppressor.



Using a driver and a 1 1/4" socket or a 1 1/4" wrench, unthread the suppressor tube. It will take some force to unthread the suppressor tube. If the tube seems very hard to remove, you may put some solvent or oil into the suppressor in order to aid disassembly. This may happen if the suppressor has not been maintained properly. Maintaining the suppressor often will prevent this from happening for the most part.



When unthreading the tube, it is common to see some particles and material in the threads. This is normal and can be cleaned with a small amount of a firearms solvent of your choice and a nylon brush.

Once the tube is unthreaded, it will pull away from the rest of the suppressor assembly. What is left is the MonoKore™ threaded into the mount. It is not necessary to remove the MonoKore™ from the mount unless there is a mechanical problem with the parts. If this is the case, contact customer service at Savage Arms and an experienced technician will instruct you what to do, or have you to send the suppressor in to the Savage Arms service department for inspection or repair.



Once apart, the only things that you need to clean are the deposits off of the interior and exterior surfaces on the MonoKore™, and the interior surfaces of the tube. Use only firearms solvents, nylon brushes, and rags/towels. **DO NOT USE METAL BRUSHES OF ANY KIND.**

REASSEMBLY

NOTE: THE SUPPRESSOR MUST BE DRY BEFORE REASSEMBLY.

In order to reinstall the tube properly, it must be torqued to 30 ft*lbs. Slide the tube over the MonoKore™ and thread the tube until it seats against the mount. Using a torque wrench and the 1 ¼” socket, torque the tube into place.



When assembly is completed the suppressor is ready to be used again. The PRS338 should be maintained in this way each time after a range day if possible. If the PRS338 is not at a minimum disassembled in the described way between range days, carbon deposits can build up on the interior surfaces of the suppressor and harden making disassembly progressively more difficult.

WARNING: Never fire the suppressor with any liquid or fluid in the suppressor.

WARRANTY STATEMENT

The Magnuson-Moss Act (Public Law 93-637) does not require any seller or manufacturer of a consumer product to give a written warranty. It does provide that if a written warranty is given, it must be designated as “full” or as “limited” and sets minimum standards for a “full” warranty.

Savage Arms has elected not to provide any written warranty, either “limited” or “full,” rather than to attempt to comply with the provisions of the Magnuson-Moss Act and the regulations issued thereunder.

There are certain implied warranties under state law with respect to sales of consumer goods. As the extent and interpretation of these implied warranties varies from state to state, you should refer to your state statutes.

Savage Arms certifies that all sound suppressors manufactured by them are free of defects in materials or workmanship and meet manufacturing specifications at the time of manufacture. Savage Arms disavows responsibility for damages resulting from neglect, abuse, or acts of war except those declared and authorized by the Senate of the United States of America.

Savage Arms denies any liability resulting from the use, abuse, or criminal misuse of products manufactured or distributed.



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