

MSX **SUPPRESSORS**

BY MAXIM DEFENSE



MS:5.7 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



MSX **SUPPRESSORS**

CONTENTS

Product Details _____	7
Disassembly _____	8
Cleaning _____	10
Reassembly _____	11
Changing the thread adapter _____	13
Warranty statement _____	14

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.

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.

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).

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”.

CAUTION: The MS 5.7 suppressor contains no packing materials within the suppressor, i.e. liquid ablative agents, rubber or leather wiper, etc. The suppressor was not designed to be used with ablative agents or artificial atmosphere, but the presence of fluids within the suppressor ARE detrimental to its operation.

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.

MS 5.7

The 5.7 suppressor is constructed of 6AL-4V titanium (mount body and Monokore) with Aluminum 7075 T6 tube.

SPECIFICATIONS

MS:5.7	MS:5.7K	MS:5.7 Ti	MS:5.7K Ti
Length 6.2 inches	Length 4.4 inches	Length 6.2 inches	Length 4.4 inches
Diameter 1.5 inches	Diameter 1.5 inches	Diameter 1.5 inches	Diameter 1.5 inches
Weight 11.7 ounces	Weight 8.4 ounces	Weight 8.8 ounces	Weight 6.6 ounces

MATERIALS

MS:5.7	MS:5.7K	MS:5.7 Ti	MS:5.7K Ti
Core 17-4 Stainless Steel	Core 17-4 Stainless Steel	Core Grade-5 Titanium	Core Grade-5 Titanium
Tube 7075-T6	Tube 7075-T6	Tube 7075-T6	Tube 7075-T6
Mount/Insert... Grade-5 Titanium	Mount/Insert... Grade-5 Titanium	Mount/Insert... Grade-5 Titanium	Mount/Insert... Grade-5 Titanium

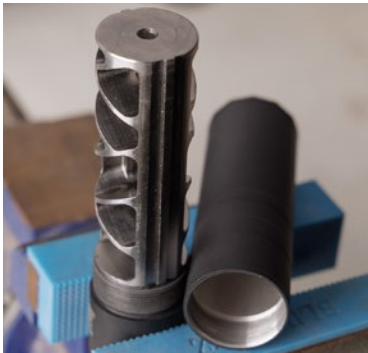
FINISH	RATING	FIRING TABLE	BARREL LENGTH
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Hard coat anodizing Diamond Like Coating (DLC)	5.7x28	Full auto	3.0 inches
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DISASSEMBLY



Secure the mount in a vice or use a 1 3/8" wrench. Once the suppressor mount is secured in a rigid tool, use a driver and a 3/4 socket or a wrench, turn the tool feature on the front of the suppressor tube counterclockwise to unthread it.



Remove the suppressor tube and set it aside. The interior of the suppressor tube may be cleaned at this time, as well as the interior of the suppressor core. There are many surfaces of the suppressor core that can / should be cleaned periodically.

At this point, all of the suppressor components can be fully serviced. It is possible to remove the suppressor core, but in general it is not required and therefore not recommended to do so. Simply scrub and brush deposits away from accessible interior surfaces of the MonoKore.

If you feel the need to remove the suppressor core from the mount body, use a breaker bar to fit through the base of the MonoKore. The MonoKore is threaded into the mount with left-hand threads (reverse from normal right-hand threads). The MonoKore is threaded into the mount and torqued hand-tight using the breaker bar at the base of the core. A small amount of blue Loctite® 242 may be used if desired for the threads between the suppressor MonoKore and the mount body.

CLEANING



When fully cleaned, the interior of the tube will still have visible carbon deposits. It will not be possible to get all of them off. The best way to clean the carbon off of the interior of the tube is to turn the tube around the MonoKore. Unthreading the suppressor tube and removing the tube from the mount and core assembly should remove most of the carbon deposits that need attention.

If it seems abnormally difficult to get apart, contact the Maxim Defense Customer Support Team.

The suppressor tube should always be removed after use once the suppressor has been allowed to cool to ambient temperature. By unthreading the suppressor tube, carbon-cutting features on the top and bottom of the MonoKore break carbon deposits from the inside of the tube.

REASSEMBLY



After the suppressor has been cleaned / serviced it may be reassembled. In order to reassemble the suppressor, hold the suppressor in the same way as it was held during disassembly.

Using a breaker bar, hand torque the MonoKore to the mount. Do not overtighten the core such that the metal gets damaged where it contacts the breaker bar. It is generally recommended that a small dot of blue Loctite 242 be applied to the male threads on the MonoKore and on the female threads on the mount.

Once the MonoKore is torqued in place, or in the normal case of not having removed it, slide the suppressor tube over the MonoKore and thread the tube onto the mount by hand.



With a torque wrench and a 7/8" socket, torque the suppressor tube to the mount at 25 ft*lbs.

CHANGING THE THREAD ADAPTOR



The MS-5.7 comes with a 1/2-28 thread adaptor installed from the factory. Also included is an M10x1 thread adaptor. To remove the thread adaptor secure the mount in a vice or use a 1 3/8" wrench. Once the suppressor mount is secured in a rigid tool, using an 11/16" socket remove the thread adaptor from the mount. Using a torque wrench, torque the desired mount to 30 Ft*lbs.

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.

Maxim Defense 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.

Maxim Defense 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. Maxim Defense 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.

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



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Specifications subject to change without notice. Actual product may vary from photo. Rev 05102024KW