

MSX SUPPRESSORS

BY MAXIM DEFENSE

QUANTUM 22K OPERATOR'S MANUAL



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

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.

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 firearm 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 suppressor, as the patch may become lodged inside the suppressor. 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).

DETAILS

The Quantum 22K is constructed out of titanium. The dB at left ear is 108 dB (Ruger American 10/.22 LR Bolt-Action | CCI Standard Velocity 40 gr).

DIMENSIONS	RATING	COATING	THREAD PITCH
Length.....4.5 inches	17 HMR semi-auto	Cerakote	1/2-28
Diameter.....1 inch	22 WMR (magnum) semi-auto		
Weight.....2.89 ounces	22 LR semi-auto		

CAUTION: The Quantum 22K suppressor contains no packing materials within the suppressor, i.e., liquid ablative agents, rubber or leather wipes, etc. 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

Suppressor installation firmly hand tight suppressor to the barrel i.e., not above 40 ft*lbs. but not below 25 ft*lbs. There is a 3/4" tool feature located at the rear of the suppressor if needed to help attach / remove the suppressor.

CLEANING

It is recommended to clean your suppressor every 1000-1,500 rounds using a titanium suppressor friendly cleaning solvent agent.

AMMUNITION RECOMMENDATION

Hyper velocity cartridges such as the CCI Stinger and Remington Yellow Jacket will cause an increase in sound signature over lower velocity ammunition. These cartridges should be avoided if possible. Ammunition labeled as sub-sonic velocity will give the greatest reduction in sound signature. Your firearm's action may not cycle properly with lower velocity ammunition, based on its design. Attaching a suppressor may also affect how your firearm operates and this may affect your ammunition choice.

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.