



# KAC

## SUPPRESSORS





# ICON KEY



FLASH REDUCTION



QUICK DISCONNECT COUPLING



GATE LATCH



DIRECT THREAD



PRESSUE REDUCTION







KAC  
KNIGHTS ARMAMENT



# KAC HISTORY

*Into the*  
**Knight**







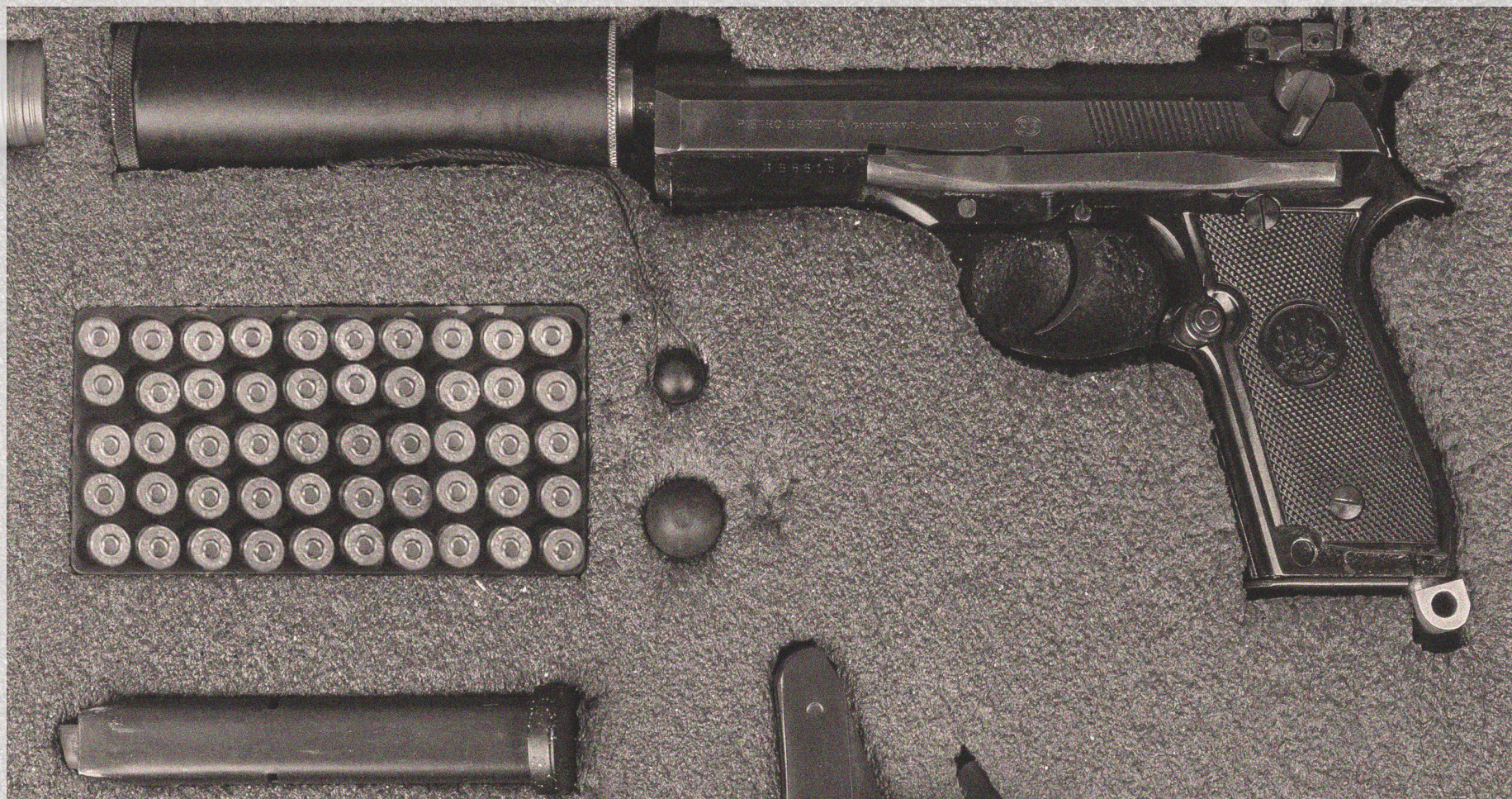
**Knight's Armament Company (KAC) was founded in 1982 by C. Reed Knight, Jr. in Vero Beach, Florida, focused on the unique equipment requirements of the Special Operations and Counter-Terrorism communities. Providing customers the ability to rapidly field these equipment solutions required aggressive in-house research, development, design, prototyping, testing, evaluation and manufacturing. Success in these early government programs established Knight's as a premier small arms, accessory, and suppressor designer and manufacturer.**

**Seeking an expansion in manufacturing capacity due to increased product demand of the Global War on Terrorism, Knight's Armament Company acquired a larger facility in Titusville, Florida in 2002. The present Knight's campus is located on the site of a former Tomahawk missile production site, spanning over 460 acres and with over 600,000 square feet under roof.**

**The KAC Research & Development department is the driving force behind the company's success. Innovative design concepts are carried from concept to low-rate initial production, undergoing constant evaluation of ability to meet design goals and program requirements. New product development incorporates maximum use of Non-Developmental Items (NDI) and Commercial-Off-The-Shelf (COTS) products where feasible to minimize development time. By reinvesting profits made by manufacturing, enables KAC to maintain its strong research, development, test and evaluation department. With continued testing of manufactured items, KAC is constantly improving its product.**

**KAC utilizes state of the art software and manufacturing technologies driven by collaborative design review, guided by performance-first decision making. ANSYS software provides engineers with stress analysis, thermal modeling, and mechanism dynamic evaluation of modeled parts. Rapid prototyping allows real-world in-depth examination of components for function and manufacturability. CAD 3D solid modeling and CAM software is used by R&D Engineering Technicians to create solid 3D models, interpret the 3D models into machine programs, and generate tooling requirements for production CNC machining. The Test and Evaluation (T&E) department gathers data in a firing range environment with a variety of evaluation equipment. High speed video paired with ProAnalyst software is used to study the motion of components and to evaluate their position and velocity during functioning. Range test equipment includes rate of fire meters, decibel meters, thermocouples, thermal cameras, pressure transducers, velocity screens, and anemometers to gather test data. Data Acquisition (DAQ) hardware paired with custom LabVIEW software is used extensively during engineering studies, proven to be highly informative in evaluating test results.**







# KNIGHT'S ARMAMENT COMPANY

SMALL ARMS  
RESEARCH & DEVELOPMENT LAB

KNIGHT'S ARMAMENT  
COMPANY  
KNIGHT'S ARMAMENT  
COMPANY



Knights' Armament has developed and introduced numerous iconic products over our history, from precision rifle systems to electro-optics. Notable products include the M4 Rail Interface System, the M4 and M5 Rail Adaptor Systems, the Free-Float Rail Adaptor System series of railed handguards, the URX 2 and 3 series of handguards, the integrated barrel nut URX4 handguard systems, the Mk 11 Mod 0 Semi-Auto Sniper Rifle, the M110 Semi-Auto Sniper System, the 5.56mm E3 and E3.2 bolt designs, the QDSS NT-4 suppressor, the XM9 Snap-On suppressor kit, the SR-16 family of rifles, the SR-47 rifle, the AN/PVS-26 and AN/PVS-30 Sniper Night Sights, the AN/PAS-31 Thermal Night Sight, the Mk 23 suppressor, the QDSS-NT4 suppressor, the KAC MP5SD suppressor, the 5.56mm NATO Light Assault Machine Gun, the 7.62mm NATO M110K1 carbine, the KAC 6x35mm Personal Defensive Weapon, and the recently released KS-series of suppressed carbine systems.

The Knight's Armament facility also houses a reference collection of small arms, one of the largest privately held collections in the world. This collection provides direct access by Research and Development teams to a wide variety of concepts and designs for inspiration and evaluation. The collection houses and preserves firearms covering over 300 years of development.



# SUPPRESSOR TECHNOLOGY





The background of the page is a photograph of a modern industrial facility. In the foreground and midground, there are large, dark-colored industrial machines, likely CNC mills or lathes. One machine prominently displays the brand name 'RENISHAW' in large, orange, sans-serif capital letters. Below the brand name, the model number 'AM 500' is visible. The facility has a high ceiling with exposed metal trusses and various pipes. The lighting is bright and even, typical of a manufacturing environment. The overall color palette is dominated by the dark greys and blacks of the machinery, with the orange of the Renishaw logo providing a strong contrast.

**Knight's Armament Company has been producing firearm suppressors since the early 1980's. As our history is rooted in providing equipment to specialist user groups, our current product line is a result of feedback from those users and their defined performance requirements.**

**With a design focus on durability and service life, KAC suppressors have stood the test of time, proving themselves in service around the globe and in every environment. One of the first fielded quick attach/detach suppressors was the Quick Detach Sound Suppressor (QDSS) NT-4, soon followed by the Mk 11 and M110 suppressors, which use a similar latching system. Introduced in the early 2000s, KAC's Quick Disconnect Coupling (QDC) attachment design addressed inherent limitations of the previous generation, delivering consistent mounting position with minimal and consistent impact shift.**

**Leveraging progress in manufacturing technology and cutting-edge simulation, KAC has further refined and improved our suppressor offerings to meet the defined needs of the professional user. The most specifically addressed points in the development of these suppressors were visual signature reduction, improved thermal management, bore pressure reduction, and service lifespan. Innovative internal geometries, enabled by additive manufacturing, are analyzed through a proprietary computational fluid dynamic (CFD) simulation process to achieve improvement in all attributes.**

**To reduce the negative effects of suppressor use, Pressure Reduction Technology (PRT) suppressors relieve the contained suppressor and bore pressure in the early unlocking and extraction phases of the cycle of operation. This venting process drastically reduces user exposure to harmful combustion gases, reduces the "blowback" effect of residual bore pressure, and decreases internal fouling compared to a traditional baffle design of similar size.**

**Noise levels are determined through the use of established industry standard equipment, software, and protocols. Emitted impulse noise or Sound Pressure Levels (SPL), measured through a B&K pressure-field microphone and DAQ System, are expressed in A-Weight filtered Decibels (dBA). A-Weighting is used as it is the expression of SPL most directly relative to human perception of sound. KAC tests at two locations to determine SPL; "at muzzle" and "at shooter's ear". "At muzzle" SPL is measured 1 meter away and 90 degrees from the muzzle at a 1.5 meter height. "At-ear" position is 11" to the rear of the trigger and offset 3" to the left of the receiver. The "at muzzle" SPL is the most consistent for comparison and evaluation, as the true "at-ear" SPL will vary due to multiple contributing variables, but both measurements are important for evaluating the sound signature of a suppressor.**



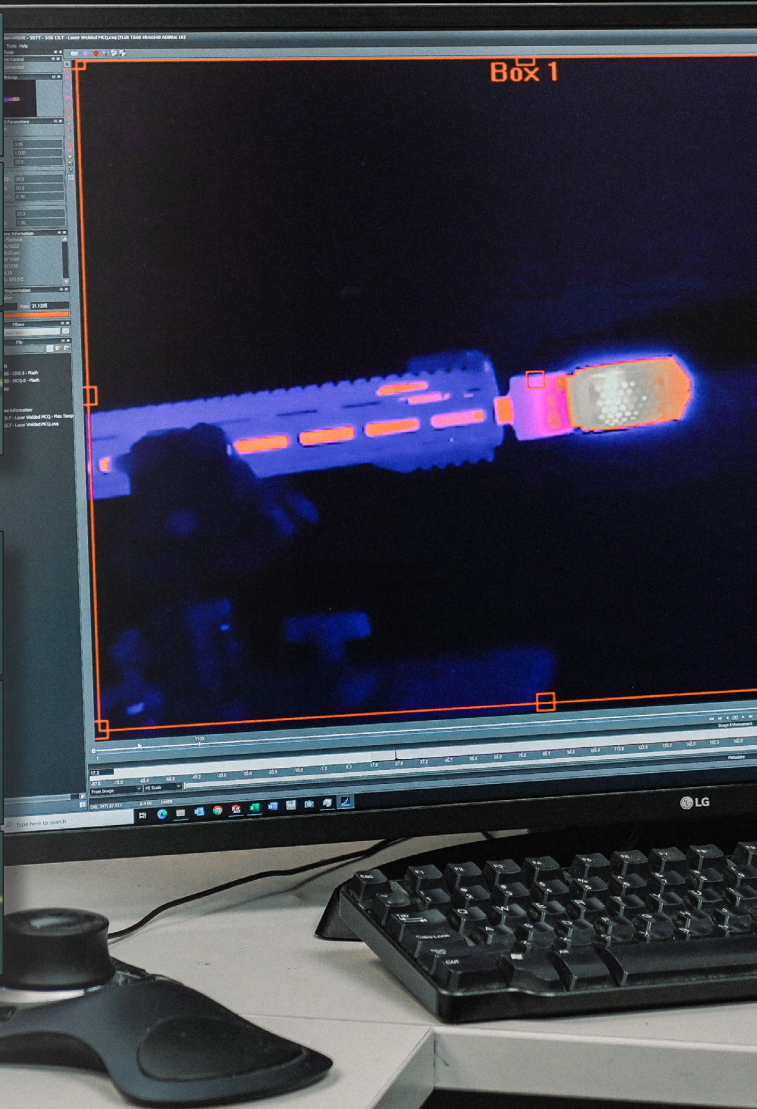
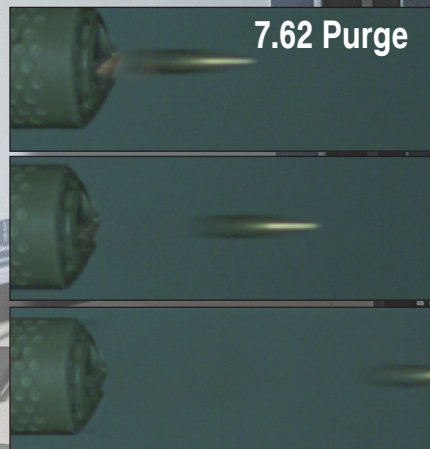
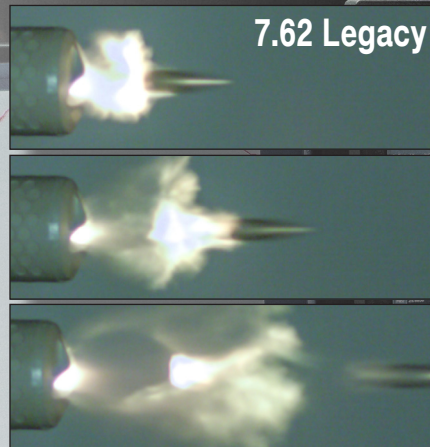
A single exposure of a 140 dB event is considered non-damaging to the human ear in an 8-hour period, but a single 140 dB is also the maximum number of exposures in 8 hours that is considered non-damaging. Reducing the SPL increases the number of exposures that stay below the threshold for damage. SPL is logarithmic scale in which every 3 dB increase is a doubling of pressure, and conveniently, 3dB is the threshold for human perception of sound change. The National Institute for Occupational Safety and Health (NIOSH) uses a 3 dB time-intensity tradeoff, which means that for every 3 dB increase in noise level, the allowable exposure time is reduced by half. For example, 8 hours at 85 dBA carries the same auditory risk as 4 hours at 88 dB, or 2 hours at 91 dBA. For impulse noise, such as that from gunfire, reducing the “at ear” SPL to under 130 dBA (under 120 dBA if possible) is recommended if the user will be exposed to multiple occurrences in an 8-hour period. Achieving sub-130 dBA with a firearm will generally require the use of double hearing protection (muffs over in-ear plugs), or single hearing protection in conjunction with a suppressor.

In accordance with protocols established by USSOCOM, flash analysis is conducted using high sample rate photometers to measure radiant intensity in the visible, near-infrared (NIR), short-wave infrared (SWIR), and mid-wave infrared (MWIR) spectrums.

In regards to the visible spectrum, luminous energy, the perceived energy of light, is expressed in millicandela seconds (mcd\*s) and is calculated by measuring the emitted luminous intensity, expressed in candelas per square meter ( $\text{cd}/\text{m}^2$ ), through the duration of the flash event with respect to time. A rifle with a traditional suppressor will show a first round flash of 10-25 mcd\*s, with subsequent shots at 1.5-3 mcd\*s. The first round flash is also associated with an increased sound pressure level (SPL) for the first shot.

In 2017, KAC began a study to determine and address the cause of first-round flash with suppressor use. The initial solution of purging ambient air out of the suppressor with inert gas was successful in reducing first round flash, but was found to be cumbersome for practical use. Through complex computer simulation, a revised solution was found in a novel baffle geometry that utilizes the blast pulse of the contained pressure to precisely mix the gun gasses with ambient air to mitigate the combustion effect within the suppressor. This patented design effectively reduces flash across all measurable spectrums; and eliminates the need for flash suppressant in propellants. KAC’s “Auto-Purge” technology (U.S. Patent 12031786) does not impact the operating system or sound pressure levels, but does significantly reduce first round flash and audible “first round pop” found with traditional suppressors.





Advancement in simulation, analysis, and manufacturing processes have also contributed to increased service life of KAC's suppressors. Heat is conducted through the monolithic core structure on intentional thermal pathways which minimize traditional "hot spots" that can fail during extreme use. When tested under continuous-fire protocols, these suppressors endure 1.5-2 times the number of rounds fired before failure; and when failure occurs, the structural design ensures that energy is projected downrange, away from the user, with no lateral escape of fragments or debris.

Knight's Armament suppressors are designed, built, and tested to meet the defined requirements of professional user groups. These requirements have shifted and evolved over time, with our primary attribute focus being reduction of the consequences of suppressor use and balancing the reduction of the warfighter's load with reduction of visible and sound signature, while maintaining the durability and service life that KAC suppressors are known for.







# KAC SUPPRESSOR LINE







**Overall Length:** 4.43" (11.3 cm)

**Addition to bare muzzle:** 3.85" (9.8 cm)



**Weight:** 13.9 oz (395 g)

**SPL 1m Left:** 154 dBA

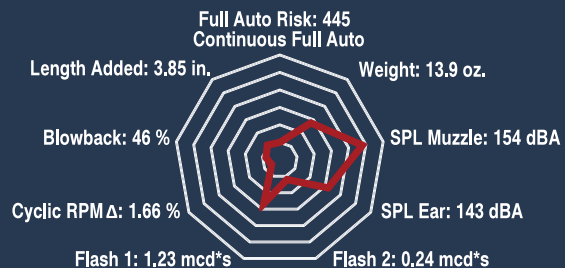
**SPL At Ear:** 143 dBA



**1st Round Flash:** 1.23 mcd\*s

**2nd Round Flash:** 0.24 mcd\*s

14.5" (36.8 cm) barrel, 3-prong QDC flash hider, M855 ammunition







KNIGHT'S ARMAMENT CO.  
TITUSVILLE, FL.



# 5.56 MCQ-1

PN: 119354

*Initially released in 2022 as the 5.56 QDC/MCQ-PRT. With an additional length of only 2.33" (5.92 cm) beyond a 3-prong QDC flash-hider, added weight of 13.9 oz. (395 g), and the low backpressure of the Pressure Reduction Technology (PRT) design, adding the Mini Close Quarters (MCQ) signature reduction device to a system will have negligible impact to function and handling. Dropping short-barreled rifle SPL to under 145 dBA at ear, common single-layer hearing protection is adequate for comfortable and safe high-density use. Low retained bore pressure ensures that bolt carrier velocity and cyclic rate of fire are nearly identical to unsuppressed use, with significantly reduced noxious gas exposure to the user.*

*The Quick Detach Coupling (QDC) mounting mechanism ensures minimal and consistent Point of Impact (POI) shift, and is compatible with 5.56mm KAC QDC muzzle devices. A removable protective shroud that integrates with the suppressor locking collar is available. The 5.56 MCQ-1 is recommended for those that prioritize overall system weight and length over sound level. Available in black and FDE.*





**Overall Length:** 6.0" (15.25 cm)

**Addition to bare muzzle:** 5.4" (13.7 cm)



**Weight:** 15 oz (425.3 g)

**SPL 1m Left:** 143 dBA

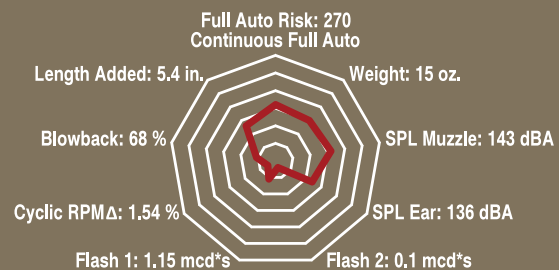
**SPL At Ear:** 136 dBA



**1st Round Flash:** 1.15 mcd\*s

**2nd Round Flash:** 0.1 mcd\*s

14.5" (36.8 cm) barrel, 3-prong QDC flash hider, M855 ammunition







KNIGHT'S ARMAMENT  
TITUSVILLE, FL.



# 5.56 CRS-2

**PN: 122708**

*Introduced in 2024, the full-sized Combat Rifle Suppressor (CRS) was designed to virtually eliminate flash and system backpressure while exceeding the durability that KAC signature reduction devices are known for. Pressure Reduction Technology minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. A novel baffle design mitigates acoustic and flash signature, resulting in the elimination of "first round pop" in both flash and sound, with exceptional overall flash reduction.*

*The Quick Detach Coupling (QDC) ensures minimal and consistent Point of Impact (POI) shift, and is compatible with 5.56mm KAC QDC muzzle devices. A removable protective shroud that integrates with the suppressor locking collar is available. The 5.56 CRS-2 provides the signature reduction in both flash and sound of a standard sized suppressor, without undue weight. Available in black and FDE.*





KNIGHT'S ARMAMENT CO.  
TITUSVILLE, FL.



**Overall Length:** 6.3" (16 cm)



**Addition to bare muzzle:** 5.6" (14.3 cm)



**Weight:** 14.8 oz (419.6 g)

**SPL 1m Left:** 149 dBA

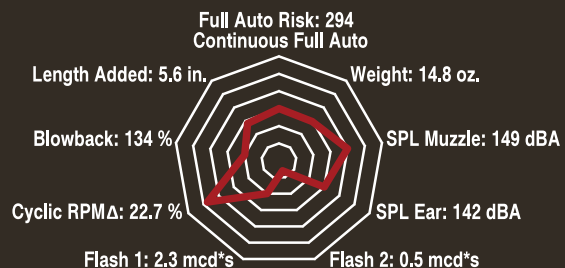
**SPL At Ear:** 142 dBA

**1st Round Flash:** 2.3 mcd\*s

**2nd Round Flash:** 0.5 mcd\*s

16" (40.7 cm) barrel, QDC Open Brake, M118LR ammunition

\*May show interference with pre-2017 7.62 MAMS device with an overall length exceeding 3.1"





KNIGHT'S ARMAMENT  
TITUSVILLE, FL

# 7.62 CRS-1

PN: 121997

*Introduced in 2024, the 7.62 Combat Rifle Suppressor (CRS) is a mid-sized suppressor that compliments the maneuverability of dual-role carbines, with a focus on weight and size reduction with low backpressure. Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. The novel Auto-Purge baffle design mitigates acoustic and flash signature, and eliminates "first round pop" in both flash and sound, with exceptional overall flash reduction.*

*The Quick Detach Coupling (QDC) ensures minimal and consistent Point of Impact (POI) shift, and is compatible with KAC 7.62mm QDC muzzle devices\*. A removable protective shroud that integrates with the suppressor locking collar is available. The 7.62 CRS-1 is recommended for those wanting to reduce the firing signature of a light mid-range precision rifle without the size and weight of a full-size suppressor. Available in black and FDE.*





**Overall Length:** 8.0" (20.4 cm)

**Addition to bare muzzle:** 7.3" (18.6 cm)



**Weight:** 23.5oz (667 g)

**SPL 1m Left:** 141 dBA

**SPL At Ear:** 136 dBA

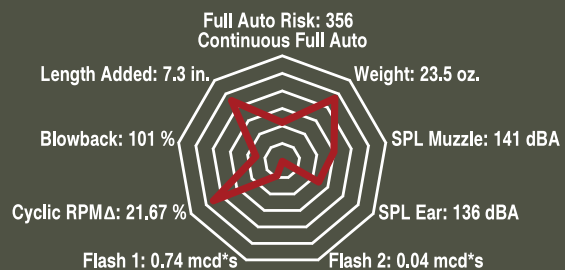


**1st Round Flash:** 0.74 mcd\*s

**2nd Round Flash:** 0.04 mcd\*s

16" (40.7 cm) barrel, QDC Open Brake, M118LR ammunition

\*May show interference with pre-2017 7.62 MAMS device with an overall length exceeding 3.1"





KNIGHT'S ARMAMENT  
TITUSVILLE

# 7.62 PRS-1

PN: 121568

*The 7.62 Precision Rifle Suppressor (PRS) is specifically designed for precision large frame medium-caliber class rifles, with a focus on flash reduction, back pressure reduction, and durability. Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. The novel Auto-Purge baffle design mitigates acoustic and flash signature, and eliminates "first round pop" in both flash and sound, with exceptional overall flash reduction. The 7.62 PRS-1 is the 2024 redesignation of the 7.62 QDC/CRS-PRG suppressor.*

*The Quick Detach Coupling (QDC) ensures minimal and consistent Point of Impact (POI) shift, and is compatible with KAC 7.62mm QDC muzzle devices\*. A removable protective shroud that integrates with the suppressor locking collar is available. The 7.62 PRS-1 is recommended for those seeking the sound and flash reduction of a full-sized quick-attach/detach suppressor, with minimal and consistent POI shift, and very low backpressure. Available in black and FDE.*









KAC  
KNIGHTS ARMAMENT







# QDC SUPPRESSOR SHROUD



*The KAC suppressor shroud addresses the issues of surface heat resulting from extended firing with a suppressed firearm. The shroud mounts to the specifically-designed locking collar of a QDC suppressor, allowing mounting and removal of the suppressor with the shroud attached. Constructed of aluminum, with an ample circulation gap between the suppressor body and the shroud, the surface of the shroud heats slowly and cools quickly. Able to reduce the external surface temperature by up to 300 degrees Fahrenheit, the shroud may be covered by other materials to further reduce mirage or contact hazard that would not normally be suitable for suppressor use due to the burn or melt point of those materials. Mechanically secured to the suppressor locking collar, the shroud will not drift or fall off of the suppressor unintentionally, and requires no secondary attachment point to prevent loss during high-volume firing. Available in black and FDE.*









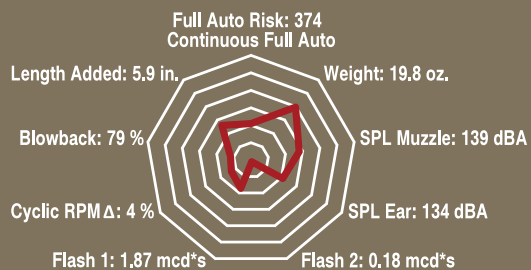
KAC  
KNIGHTS ARMAMENT





Overall Length:	6.4" (16.3 cm)
Addition to bare muzzle:	5.9" (15 cm)
Weight:	19.8 oz (561.3 g)
SPL 1m Left:	139 dBA
SPL At Ear:	134 dBA
1st Round Flash:	1.87 mcd*s
2nd Round Flash:	0.18 mcd*s

14.5" (36.8 cm) barrel, M4QD flash hider, M855 ammunition





KNIGHTS ARMAMENT CO.  
TITUSVILLE, FL.

# QDSS NT-4 PRG

PN: 121569

*Recent advancements in suppressor design and manufacturing have enabled KAC to update the venerable Quick Detach Sound Suppressor (QDSS) NT-4 suppressor with both Pressure Reduction Technology (PRT) and KAC's patented Purge (PRG) flash reduction. Maintaining the same attachment mechanism and form factor as the legacy QDSS NT-4, superior pressure reduction capabilities are added without sacrificing performance or durability. Potential noxious gases from the rifle being fired are pushed forward of the operator, reducing potential exposure and increasing comfort when firing. First round flash is significantly reduced to reinforce the operator's signature reduction capability. The host rifle will also benefit from reduced component stress and wear through suppressed firing by allowing the rifle to maintain carrier velocity and rate-of-fire comparable to unsuppressed fire.*

*Compatible with existing KAC 5.56mm M4QD muzzle devices, the QDSS NT-4 PRG is recommended for those that must maintain the M4QD mount but desire cutting-edge suppressor performance. Available in black and FDE.*





**Overall Length:** 8.3" (21.1 cm)

**Addition to bare muzzle:** 7.4" (18.8 cm)



**Weight:** 17.6oz (499 g)

**SPL 1m Left:** 139 dBA

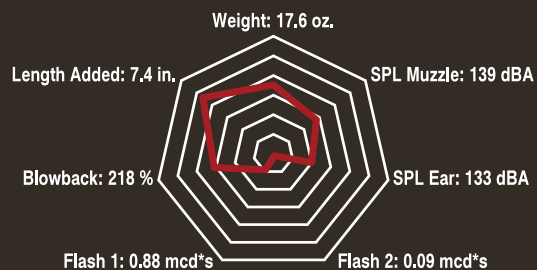
**SPL At Ear:** 133 dBA



**1st Round Flash:** 0.88 mcd\*s

**2nd Round Flash:** 0.09 mcd\*s

16" (40.7 cm) barrel, M118LR ammunition





# 7.62 DTS-1/7.62 DTS-1.1

**PN: 120333 (3/4-24 KAC THREAD)**

**PN: 122007 (5/8-24 THREAD)**

**KNIGHT'S ARMAMENT CO.  
TITUSVILLE, FL, USA**

*The 7.62 DTS-1 is a direct-thread suppressor (DTS) primarily intended for precision semi-auto rifles, available for both 3/4-24 KAC muzzle threads (muzzle index) and standard 5/8-24 muzzle threads (shoulder index). Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. A novel baffle design (PRG) mitigates acoustic and flash signature, and eliminates "first round pop" in both flash and sound, with exceptional overall flash reduction.*

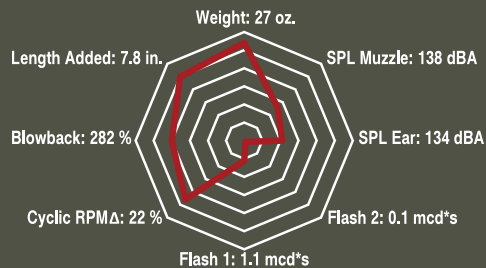
*The 7.62 DTS-1 offers the balanced performance of a full-sized suppressor at reduced weight without sacrificing durability. Available in black and FDE.*





Overall Length:	14.2" (36.1 cm)
Addition to bare muzzle:	7.8" (19.9 cm)
Weight:	27 oz (765.5 g)
SPL 1m Left:	138 dBA
SPL At Ear:	134 dBA
1st Round Flash:	1.1 mcd*s
2nd Round Flash:	0.1 mcd*s

20" (50.8 cm) barrel, M110 flash hider, M118LR ammunition  
 The M110-PRG is compatible only with the M110 SASS with gas-block attachment, 20" barrel, and M110 flash hider







# M110-PRG

PN: 122775

*The M110-PRG is a direct replacement of the M110 suppressor, with categorically improved performance. The mounting mechanism of the M110 has been retained to allow use on in-service systems with no alterations needed. Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. A novel baffle design (PRG) mitigates acoustic and flash signature, and eliminates "first round pop" in both flash and sound, with exceptional overall flash reduction. Compared to the legacy M110 suppressor, the M110-PRG reduces weight by 4 oz (113.4 g), SPL reduction by 3.8 dBA, and 1st/2nd round flash by 10.24 and 1.9 mcd\*s respectively, with significantly reduced backpressure and user exposure to harmful fumes.*

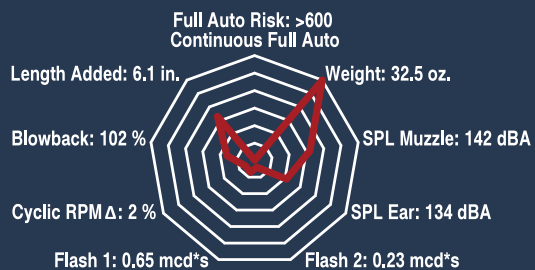
*The M110-PRG is designed to immediately improve suppressed use of the M110 SASS with no effort. Available in black and FDE.*





Overall Length:	6.7" (17 cm)
Addition to bare muzzle:	6.1" (15.5 cm)
Weight:	32.5oz (921.4 g)
SPL 1m Left:	142 dBA
SPL At Ear:	134 dBA
1st Round Flash:	0.65 mcd*s
2nd Round Flash:	0.23 mcd*s

15" (38.1 cm) barrel, MGS 3-prong flash hider, M855 ammunition







# 5.56 MGS-1

PN: 122642

*Designed for high volume fire on belt-fed machine guns, this machine gun suppressor (MGS) is foremost built for durability and reduced backpressure. Pressure Reduction Technology (PRT) minimizes back pressure, resulting in a negligible gas increase in the system that is typically responsible for bolt carrier velocity and rate-of-fire acceleration. This technology also pushes noxious gases forward, away from the user, increasing comfort and reducing harmful exposure. A novel baffle design (PRG) mitigates acoustic and flash signature, and eliminates "first round pop" in both flash and sound, with exceptional overall flash reduction.*

*Specifically designed for machine gun use, thermal management was a priority in the design of the 5.56 MGS-1, not only to endure a 600-round in 6 minutes firing schedule without damage, but also to prevent degradation of flash performance during heavy use. The 5.56 MGS-1 is recommended for users of 5.56mm machine guns with a need for reduced firing signature during high-volume use without detrimental effect to the host system. Available in black only.*





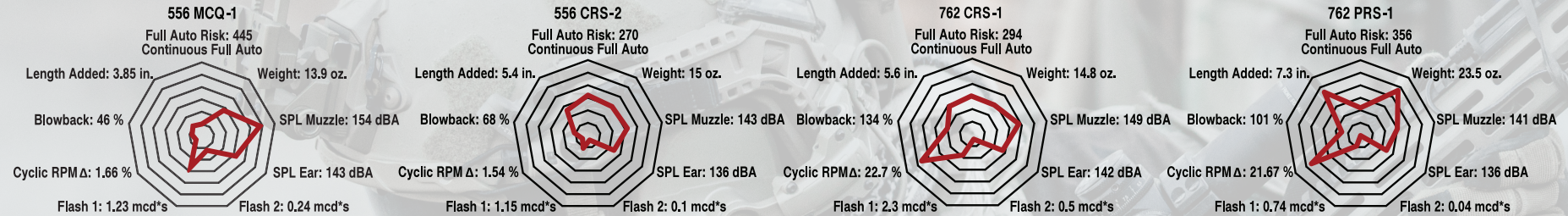




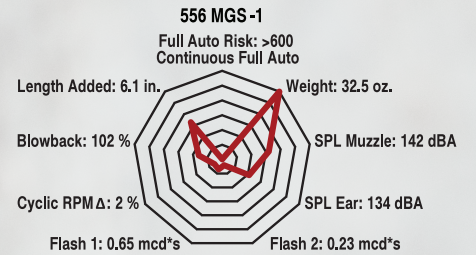
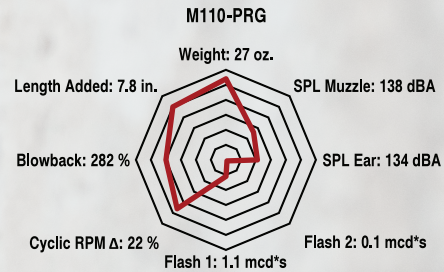
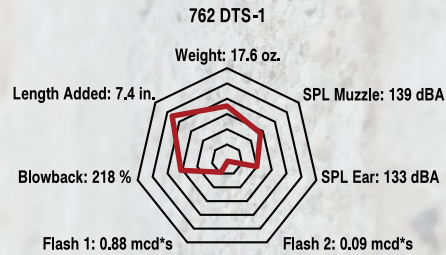
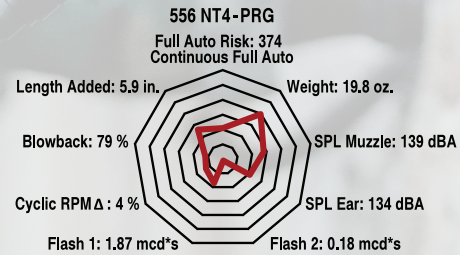
KAC  
KNIGHTS ARMAMENT



# PERFORMANCE MATRIX









# 5.56 MUZZLE DEVICES



**TRIPLE TAP ENHANCED COMPENSATOR**  
PN: 133001 1/2-28 THREAD

Weight: 2.6 oz. (74 g)  
Length: 1.875" (4.76 cm)  
Addition to bare muzzle:  
1.25" (3.18 cm) minimum\*

\*Based on .630" (1.6 cm) length muzzle threads, indexing shims will increase OAL.

*Mounting interface for QDSS suppressors with a protective cap that reduces interior wear to the suppressor. Without a suppressor mounted, the 5.56mm Enhanced Compensator reduces felt recoil and muzzle lift. Additive manufacture Inconel construction.*



**M4QD FLASH HIDER**  
PN: 93048 1/2-28 THREAD

Weight: 2.6 oz. (74g)  
Length: 1.875" (4.76 cm)  
Addition to bare muzzle:  
1.25" (3.18 cm) minimum\*

\*Based on .630" (1.6 cm) length muzzle threads, indexing shims will increase OAL.

*Replicates the performance of a standard M16A2 flash hider, with the ability to mount QDSS suppressors. Radial carbon groove reduces carbon lock over extended use.*



**QDC 3-PRONG FLASH HIDER**  
PN: 30555 1/2-28 THREAD

Weight: 2.4 oz. (68 g)  
Length: 2.15" (5.46 cm)  
Addition to bare muzzle:  
1.52" (3.9 cm) minimum\*

\*Based on .630" (1.6 cm) length muzzle threads, indexing shims will increase OAL

*Designed to be the primary mounting host for KAC 5.56mm QDC suppressors, the 5.56mm QDC 3-Prong Flash Hider also significantly reduces flash in an unsuppressed state. Will not ring when struck or fired.*



# 7.62 MUZZLE DEVICES



## QDC OPEN BRAKE

PN: 115992 KAC 3/4-24 THREAD // 118899 5/8-24 THREAD

Weight: 3.3 oz. (94 g)

Length: 2.31" (5.87 cm)

Addition to bare muzzle:

1.57" (3.99 cm) minimum\*

with KAC 3/4-24 muzzle thread.

1.69" (4.3 cm) minimum\*

with shoulder-index 5/8-24 muzzle thread.

\* Based on .625" (1.6cm) length 5/8-28 muzzle thread.  
3/4-24 indexes off muzzle. Indexing shims will increase OAL.

*Designed to be the primary mounting host for KAC 7.62mm QDC suppressors, the 7.62mm QDC Open Brake also reduces wear to the first baffle, extending service life. Available in both KAC 3/4-24 thread and standard 5/8-24 muzzle threads.*



## QDC 4-SLOT FLASH HIDER

PN: 112954 5/8-24 THREAD // 111583 1/2-28 THREAD

Weight: 3.9 oz. (111 g)

Length: 2.16" (5.49 cm)

Addition to bare muzzle:

1.53" (3.9 cm) minimum\*

\* Based on .625" (1.6 cm) length 5/8-24 muzzle thread, indexing shims will increase OAL.

*Flash hider mount for KAC 7.62mm QDC suppressors. Available in both 1/2-28 thread and 5/8-24 thread.*










KAC  
KNIGHTS ARMAMENT









© Knight's Armament Company. Printed and designed in the United States of America. No part of this publication may be reproduced without the prior written consent of Knight's Armament Company. Products are subject to change without notice. Knight's Armament Company is an ISO 9001 Certified Company. The products, product specifications, nomenclature, and availability of all items featured in this document are subject to change at the discretion of Knight's Armament Company. Products may be photographed with optional accessories.

"Purge", "Auto-Purge", "PRG" trademarked Knight's Armament Company 2024

U.S. PATENT 12031786 "Auto Purge Suppressor" covers reduction of first round flash with use of a firearm suppressor by manipulation of gas flow through a channel to deposit a predetermined amount combustion gas ahead of the fired projectile inside the suppressor.



ITAR STATEMENT: These item(s) are firearm or defense related goods. Export of the goods described herein is strictly prohibited without a valid export license issued by the US Department of State, Directorate of Defense Trade Controls as prescribed in International Traffic in Arms Regulation (ITAR), code of federal regulations, Title 22, Parts 120- 130. CAGE Code 1S002

701 Columbia Titusville, FL 32780 // [knightarmco.com](http://knightarmco.com) // [salesteam@knightarmco.com](mailto:salesteam@knightarmco.com) // 321.607.9900





KNIGHT'S ARMAMENT CO.  
TITUUSVILLE, FL.