



SIGNATURE REDUCTION DEVICES

SIGNATURE REDUCTION DEVICES

COMPANY HISTORY

Knight's Armament Company was founded as a research & development facility more than 30 years ago. We have since evolved into a premier weapons manufacturer offering complete weapon systems, modular accessories and Knight Vision electro-optics. Knight's is best known for our advanced developments in weapon designs and accessories, with R&D, manufacturing, assembly and testing

all performed at our facility in Titusville, FL. From Mr. Knight's first developments in signature reduction devices, to the collaborations with Mr. Stoner that produced our renowned weapon systems, the development of his patented rail system, and then the Knight Vision electro-optics, Knight's Armament has consistently provided innovative, reliable and functional weapon systems and accessories.

Knight's Armament Company has been a leading developer of suppressor technology since its inception. The first sound suppressors manufactured by Knight's on a large scale were for the US Navy. Developed for the M16 rifle, this stainless steel suppressor was muzzle mounted via a collar and was designed to sustain fully automatic rates of fire that exceeded that of the M16, as well



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as survive sustained submersion in sea water. This was a relatively large contract in a time when suppressor contracts were not widely solicited. The 'Hush Puppy' was a silencer developed for the US Air Force for use with their Beretta handguns. The first generation of this item was developed with a thread-on connector type to integrate with existing technology. However, KAC introduced the suppressor

with a locking gate-latch that allowed a quick connection and a secure fit, which later developed into the gate-latch seen on the M4QDSS and NT4 suppressors. The Hush Puppy suppressor also had a unique quick-change wipe container pack that enabled field-level replacement of the polyurethane bullet wipes or the entire container. During the mid-1980s, Colt developed a weapon specifically for the

DEA that utilized a 9mm cartridge in an AR-15 style weapon body. Colt contracted Knight's to supply an integrated sound suppressor for this unique weapon which dropped the 9mm rounds to subsonic velocities. This collaborative project helped further establish Knight's reputation as a top engineering and manufacturing firm for suppressor technology.





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The Mk23 .45 sound suppressor was another landmark suppressor developed by KAC and helped to further solidify Knight's reputation as a manufacturer of superior sound suppressors. In the early 1990s, Colt and H&K were both solicited to develop a weapon for the Offensive Handgun Weapon System (OHWS) for the Special Operations community. Once again, Colt turned to KAC to develop a sound suppressor for this weapon system. When Colt's handgun was not selected, and H&K's suppressor was similarly refused, the government suggested a cooperative

measure between Knight's Armament and H&K. The resulting technology produced the H&K Mk23 handgun and sound suppressor, supplied by Knight's Armament Company. This device utilized a unique baffle design designed by Mr. Doug Olsen and featured a Nielsen device that allowed for an increase in the pistol's functional reliability while suppressed. This robust and quiet suppressor utilized extremely advanced technologies for this time-period and is still being sold and utilized some two decades later. This successful cooperative measure led to

many subsequent projects between H&K and Knight's Armament. The technology developed and used in previous designs led to the M4QDSS sound suppressor, which established KAC as a leader in the field of suppression technology. It was built to exceed standards issued by USSOCOM for a suppressor to withstand 210 rounds of fully automatic fire. Through improved manufacturing methods and materials, Knight's offered a more durable version built with four inconel baffles, creating the NT-4, which became the only sound suppressor to meet and



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exceed the government's requirement of a 10,000+ round service life. Through innovative products like the NT-4, the reflex style Mk11/M110 Suppressor, and the latest QDC platforms, Knight's has become the largest supplier of sound suppressors to the US government. KAC continued to focus on improving existing technologies and originating new concepts for suppressors. The reduction of weight while maintaining durability, and the repeatability of attachment without shifting zero were some of the driving factors which led to the development of

Knight's QDC suppressors. The QD line featured the legacy 'Gate-Latch' which coupled easily with A2-style flash hiders such as Knight's QD Flash Suppressor and Triple Tap Compensator. The QDC line was engineered to mate with a variety of muzzle devices machined with the QDC indentations, such as the MAMS Brakes and QDC line of Flash Suppressors. The resulting products form an intelligently interweaving array which exhibit superior interoperability and durable, efficient designs. Because of these advances, Knight's has been able to manufacture

and deliver over 110,000 units to the US government and over 15,000 units of the Mk11/M110 reflex style suppressors to the US and Allied governments for use on the Mk11, M110, and Mk13 .300WM platforms. Additionally, the 762QDC/CQB Sound Suppressor was adopted on the M110K1 conversion kits for the M110 and Mk11, which modify those platforms into 16" Battle Rifles. These developments and subsequent adoptions serve as a testament to Knight's quality and enduring reputation.







SIGNATURE REDUCTION DEVICES

MUZZLE DEVICES



MUZZLE DEVICES

KAC's various muzzle devices serve as an example of Knight's tradition of creating pragmatic solutions and ingenious designs. There are several options for either 5.56 or .30 caliber that are compatible across the industry and are equipped with the legacy QD gate-latch or our latest QDC system. The Quick Detach Coupler (QDC) line of Sound Suppressors and Muzzle Devices are proprietary items designed for secure interoperability. The coupling device itself consists of multiple ball bearings arrayed in a circular pattern which fit into sockets machined to accept the QDC. The bearings are aligned with the sockets by way of a V-shaped notch that seats the device onto an index pin, and a simple twist of the outer nut locks the device securely into place. Knight's entire catalog of muzzle devices are specifically engineered to reduce felt recoil, diffuse blast, minimize a weapon's flash signature, and facilitate the integration of a sound suppressor. From our QDC series of suppressors, to the markedly popular Triple Tap compensator, the emerging MAMS, and Knight's latest

3-pronged flash hider, the interoperability, superiority, and practicality of these muzzle devices are clearly seen. Knight's QDC series of flash suppressors feature multi-length and multi-angle openings which help assist in effectively reducing flash signature and are equipped with the indentations necessary for use with KAC's line of QDC Sound Suppressors. The Triple Tap is a QD suppressor-compatible enhanced compensator that is designed to be a sacrificial baffle to extend the life of a suppressor and negates up to 37% of felt recoil, measured against the bare muzzle. This brake helps to not only reduce felt recoil of the weapon but also forces the gases to exit through the many ports of the Triple Tap in a 270 degree fan, which helps combat rise and drift, creating a more controllable weapon, especially under high cyclic firing rates. The 7.62 MAMS (Multi-Axis Muzzle Stability) Brake is another device which assists in reducing felt recoil by up to 52% and provides a neutral bias brake. It incorporates features which increase controllability, reduce flash

signature, felt recoil, and accept KAC's QDC line of sound suppressors. The Mini-MAMS, developed for 5.56 platforms, incorporates all the features of the 7.62 model and reduces felt recoil by 67% depending on the barrel length. The latest offering from KAC is found in the multi-pronged flash suppressor which recalls the original suppressor design of Mr. Eugene Stoner's M16. Not only does the Flash Eliminator's open prong design effectively negate a weapon's flash signature, but Knight's design also eliminates the sympathetic ringing that commonly occurs in similar designs. The resulting QDC compatible muzzle device is shorter than previous designs, yet operates more effectively in eliminating flash and sympathetic ring. Effective and efficient designs, superior materials, a refined manufacturing process, and the universal interoperability between KAC muzzle devices make these products unique paragons across the firearm industry.

SIGNATURE REDUCTION DEVICES

MUZZLE DEVICES



P/N: 93048



P/N: 25683



P/N: 30555



P/N: 30168

5.56



| P/N | NAME | DESCRIPTION | CALIBER | LENGTH | WEIGHT | THREAD |
|-------|-----------------------------|---|---------|--------|--------|----------|
| 93048 | M4QD FLASH HIDER KIT | Flash Hider For Connecting NT4. NT4 Gate Latch Connector. | 5.56 | 1.87" | 2.4 oz | 1/2 x 28 |
| 25683 | TRIPLE TAP COMPENSATOR KIT | Compensator For Connecting NT4. NT4 Gate Latch Connector. | 5.56 | 1.87" | 2.6 oz | 1/2 x 28 |
| 30555 | 556QDC FLASH ELIMINATOR KIT | 3-Prong Flash Hider for QDC Suppressors. 5.56 QDC Suppressor Compatible. | 5.56 | 2.19" | 2.6 oz | 1/2 x 28 |
| 30168 | 556MAMS MUZZLE BRAKE KIT | Brake For Connecting QDC Suppressors. 5.56 QDC Suppressor Compatible. | 5.56 | 2.17" | 2.7 oz | 1/2 x 28 |

All Kits Include 7-Piece Shim Set & Rokset





SIGNATURE REDUCTION DEVICES

MUZZLE DEVICES



P/N: 25877



P/N: 30191



P/N: 30696



P/N: 30598



P/N: 30169



7.62 & .300

| P/N | NAME | DESCRIPTION | CALIBER | LENGTH | WEIGHT | THREAD |
|-------|--------------------------|--|--------------|--------|--------|----------|
| 25877 | M110 FLASH HIDER KIT | Flash Hider For Connecting M110 Suppressor. Gate Latch Connector. | 7.62 | 2.53" | 3.4 oz | 3/4 x 24 |
| 30191 | 762QDC FLASH HIDER KIT | Flash Hider For Connecting QDC Suppressors. 7.62 QDC Compatible. Threaded for all Knight's SR-25. | 7.62 | 3.06" | 5.6 oz | 3/4 x 24 |
| 30696 | 762QDC FLASH HIDER KIT | Flash Hider For Connecting QDC Suppressors. 7.62 QDC Compatible. Threaded For Knight's .300 And Non-Knight's 7.62. | 7.62 .300 | 3.06" | 5.9 oz | 5/8 x 24 |
| 30598 | 762MAMS MUZZLE BRAKE KIT | Brake For Connecting QDC Suppressors. 7.62 QDC Compatible. Threaded For Knight's .300 And Non-Knight's 7.62. | 7.62 .300 | 3.25" | 5.1 oz | 5/8 x 24 |
| 30169 | 762MAMS MUZZLE BRAKE KIT | Brake For Connecting QDC Suppressors. 7.62 QDC Compatible. Threaded For Knight's SR-25. | 7.62 | 3.25" | 4.8 oz | 3/4 x 24 |

All Kits Include 7-Piece Shim Set & Rokset





SIGNATURE REDUCTION DEVICES

SUPPRESSORS



P/N: 96062-1



P/N: 96062-2



P/N: 30123



P/N: 30192



P/N: 94368



P/N: 97225

5.56 & .45



| P/N | NAME | DESCRIPTION | CALIBER | LENGTH | WEIGHT | CONNECTION |
|---------|---------------------------------------|--|---------|--------|---------|------------|
| 96062-1 | 5.56MM QDSS NT4 (BLACK) KIT | Connects To M4QD And Triple Tap Compensator. NT4 Gate Latch Connector. | 5.56 | 6.5" | 17.6 oz | Gate Latch |
| 96062-2 | 5.56MM QDSS NT4 (FLAT DARK EARTH) KIT | Connects To M4QD And Triple Tap Compensator. NT4 Gate Latch Connector. | 5.56 | 6.5" | 17.6 oz | Gate Latch |
| 30123 | 556QDC SUPPRESSOR | Connects To All 5.56 QDC Muzzle Devices. QDC Connection. | 5.56 | 7.2" | 17.0 oz | QDC |
| 30192 | 556QDC/CQB SUPPRESSOR | Connects To All 5.56 QDC Muzzle Devices. QDC Connection. | 5.56 | 4.9" | 11.0 oz | QDC |
| 94368 | Mk23 .45 CALIBER SUPPRESSOR | Threaded Connection For Mk23 Pistols. | .45 | 7.5" | 15.4 oz | Threaded |
| 97225 | H&K USP-T .45 CALIBER SUPPRESSOR | Threaded Connection For USP Pistols. | .45 | 7.5" | 15.4 oz | Threaded |





SIGNATURE REDUCTION DEVICES

SUPPRESSORS



P/N: 30178



P/N: 30179



P/N: 24611



P/N: 98440

7.62 & .300



| P/N | NAME | DESCRIPTION | CALIBER | LENGTH | WEIGHT | CONNECTION |
|-------|------------------------|--|--------------|--------|---------|------------|
| 30178 | 762QDC SUPPRESSOR | Connects To 7.62 MAMS And 7.62 Flash Hider. QDC Connector. | 7.62 .300 | 7.81" | 18.6 oz | QDC |
| 30179 | 762QDC/CQB SUPPRESSOR | Connects To 7.62 MAMS And 7.62 Flash Hider. QDC Connector. | 7.62 .300 | 5.21" | 13.3 oz | QDC |
| 24611 | SR-M110 SUPPRESSOR | Connects To M110 Flash Hider. Gate Latch Connector. | 7.62 .300 | 14.13" | 32.0 oz | Gate Latch |
| 98440 | SR-25 RIFLE SUPPRESSOR | Connects To M110 Flash Hider. Gate Latch Connector. | 7.62 .300 | 12.25" | 29.9 oz | Gate Latch |





SR30



300 Blackout is the high powered, 7.62x35mm ammunition developed by Advanced Armament Corporation which exhibits exemplary performance while suppressed. This compact .30 caliber round was developed with several requirements in mind, which included utilizing certain preexisting AR15 hardware, such as an unmodified AR15-style bolt, DI Gas System, and unmodified 30-round magazines; be able to meet or exceed the muzzle energy seen in 7.62x39mm rounds fired from an AK47; and cycle reliably when fired suppressed or unsuppressed, and super or subsonic. The resulting lightweight round is an efficient, high-mass projectile that uses less powder than a standard 5.56 round yet is able to more effectively penetrate barriers. Knight's Armament Company has developed several new products that take advantage of this technology and combine it with the unsurpassed legacy of KAC engineering and manufacturing.





The SR30 is a complete rifle system developed around the 300 Blackout platform and takes advantage of the efficient and powerful technologies found in the 300 Blackout ammunition and KAC Weapon platforms. Equipped with a 16" 1:7 stainless steel barrel, and capped with the QDC Flash Suppressor, this rifle system features many classic and reputable KAC technologies: the URX 3.1 slick-sided, free-floating rail system; Micro Front and Rear Iron Sights; legendary E3 Bolt; Ambidextrous Controls; 4.5lb 2-Stage Trigger; and fully adjustable SOPMOD stock. The marriage of these rock-solid innovations serves to create a highly accurate and superior weapon that is intelligently detailed, reliable, and powerful.

SR-30




SR-30 300 BLACKOUT RIFLE

P/N: 30695

| | |
|---------|-------------------------------|
| Barrel | 16" Stainless Steel 1:7 Twist |
| Caliber | .300 Blackout |
| Weight | 6.5 lbs (approx.) |
| Length | 34" (Stock Retracted) |

 300 BLACKOUT

 2 STAGE MATCHTRIGGER

 URX (UPPER RECEIVER
EXTENDING) FREE FLOATING
BARREL SYSTEM

 AMBIDEXTROUS CONTROLS

 QDC QUICK
DISCONNECT COUPLING

300 Blackout is a registered trademark of its respective company





300 BLACKOUT



UPPER RECEIVERS

New from Knight's is a line of upper receivers chambered for 300 Blackout, with each featuring a 1:7 stainless steel barrel equipped with KAC's QDC Flash Suppressor. In addition to being barreled for 300 Blackout, these models are manufactured with many of the reputable features our customers have come to rely upon. They are equipped with Knight's URX 3.1 slick-sided, free-floating rail system, Micro Front and Rear Iron Sights, and the legendary E3 Bolt. These upper receivers are available in four barrel lengths (9.5", 11.5", 14.5", and 16") and are all compatible with Knight's QDC line of sound suppressors. The combination of these technologies results in a highly reliable and efficient weapon system that boosts penetration power while remaining highly accurate.



| P/N | NAME | DESCRIPTION | OAL | THREAD |
|-------|-------------------------------|--|-------|--------|
| 30613 | 9.5" UPPER RECEIVER ASSY KIT | Upper Receiver w/ 9.5" Barrel Chambered For .300 Blackout | 18.0" | 5/8-24 |
| 30614 | 11.5" UPPER RECEIVER ASSY KIT | Upper Receiver w/ 11.5" Barrel Chambered For .300 Blackout | 20.0" | 5/8-24 |
| 30615 | 14.5" UPPER RECEIVER ASSY KIT | Upper Receiver w/ 14.5" Barrel Chambered For .300 Blackout | 23.0" | 5/8-24 |
| 30693 | 16" UPPER RECEIVER ASSY KIT | Upper Receiver w/ 16" Barrel Chambered For .300 Blackout | 25.5" | 5/8-24 |

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ITAR

International Traffic in Arm Regulations

A U.S. Department of State License is required for the Export & Import of ALL Knight's Armament Company products under the International Traffic in Arms Regulations.
(22 CFR, Parts 120-130)

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