



RIFLE / MG SUPPRESSORS

A suppressor may not make a sniper silent, it will make him invisible.



SNIPER RIFLES

B&T produces a full suppressor line for sniper rifles that mount to the flash hider, muzzle brake or threaded barrel of most sniper rifle systems. These include but are not limited to the B&T APR Sniper Rifles, Accuracy International L96A1 / Arctic Warfare, Steyr-Mannlicher SSG, Sako TRG 21 / 22 and TRG 41 / 42, Heckler & Koch PSG-1, SIG SAUER SSG 2000, SIG SAUER SSG 3000, Remington Model 700, US Army M21 and US Army M24 system. Suppressors for virtually any contemporary caliber are available.



MINIMI and MAG58 LIGHT MACHINE GUN

B&T has developed several very effective suppressors for the light and medium machine guns produced by FN Herstal. These suppressors are designed to provide sound reduction and flash suppression for a burst of several belts of machine gun ammunition. This includes armor piercing and tracer ammunition. Each suppressor adds only 700 g in weight and extending only 161 mm of length on the end of the weapon.



.22 RIFLE / PISTOLS

The .22 rifle/ pistol suppressors produced by B&T are an extremely lightweight and economic solution. It provides excellent reduction – up to 42 dB (A) – to any .22 pistol or rifle. Applications for a .22 pistol are far reaching and can include destruction of street lights, guard dogs, car tires and exposed alarms. Subsonic ammunition will provide maximum results in noise reduction.



INTEGRATED RIFLES

The ultimate in specialized weapons is the suppressor integrated rifle. When using good quality subsonic .308 ammunition, an operator can produce 1 MOA groups.



.50 CALIBER SNIPER RIFLES

Using a suppressor on any .50 caliber rifle is almost a necessity. This is because of the loud noise produced by the cartridge. The blast and recoil produced by the weapon is greatly reduced by use of the B&T suppressor. The suppressor for the Barrett M82 (Light Fifty) is in use with many NATO partners and carries the NSN 1005-22-123-6092. Suppressors are also available for the Steyr .50 HS, PGM 'Hecate II' and many other .50 caliber rifles on the market.



SPR .300 WHISPER / .300 AAC BLACKOUT

B&T produces what experts consider to be the most specialized sniper weapon in the world. It is the suppressor integrated SPR300 rifle designed to fire the .300 Whisper or the .300 AAC Blackout cartridge. These unique cartridges will provide the most accurate and quiet precision out to ranges of 150 meters with the same noise that a suppressed .22 LR produces. The terminal ballistics however equal that of a .357 Magnum round. It is excellent for support of entry teams and destruction of street lights, guard dogs, car tires and exposed alarms at a range much greater than a .22 LR can provide.

ADDITIONAL SUPPRESSOR BENEFITS

The muzzle flash reduces the night vision ability of the human eye for several minutes. A suppressor will prevent this.

Besides the obvious fact that a suppressor reduces the sound level of a gun, it has several more very important benefits which greatly improve the tactical efficiency of the operator.

Reduce Weapon Signature

Weapon signature can be divided into two categories. These are visual and audio signatures. The visual signature is muzzle flash. A suppressor can do a great deal in reducing or even completely eliminating muzzle flash. Muzzle flash will certainly give away the position of the shooter, especially during hours of limited visibility or darkness. Do not forget that the human eye is attracted to light from even at very long distances.

Everyone that has fired a gun at night will know that the muzzle flash will also significantly degrade the shooters night vision ability for several minutes. This does not happen when a suppressor is used.

The audio signature is the sound a weapon makes. There are three ways a firearm generates sound. These are: a) sound of the action of the slide or bolt b) sound of the bullet breaking the sound barrier and c) the sound of the gases escaping from the muzzle of the weapon. While components a) and b) cannot be suppressed without compromising the fighting capacity of the gun, retarding the speed at which the gases escape from the muzzle using a suppressor will greatly reduce the sound signature. This will also obscure the position of the shooter, as the dull sound is much harder to locate for the human ear.

Command and Control

The sound of a firearm will create a great deal of confusion and distraction for the individual operators. This is magnified even further if the weapon is used indoors or on automatic fire. After exposure to sound levels greater than 140 dB (a typical 5.56/.223 round will produce about 157 dB) the human ear will experience permanent damage, immediately shutting down and greatly reducing the amount of information transmitted to the brain. This includes verbal communications given by the unit leader or others in the immediate area. Orders relayed by radio are even more difficult to hear and understand. Noises made by enemies nearby will also be missed. The use of a suppressor will not only prevent permanent hearing damage, it also will enable the operator to hear and communicate.

Friend / Foe Identification (IFF)

Knowing the location of the enemy and of friendly forces is a fundamental for any individual operator or small unit. The sound an enemy combatant makes is always a sure way to determine his location. This is true before and while actual shooting has begun. If friendly forces are equipped with suppressors the ability to identify which shots are being fired by which sides' combatants will be greatly enhanced. This is especially true when operating in urban or built-up areas, for military as well as for police forces.

Locating combatants

Hearing the enemy is different than friend or foe identification. To hear the enemy means being able to determine its position, its numbers and direction, including the type of vehicles they may be using. It can also mean hearing the enemy movement through buildings, gravel, and twigs. It can also aid in small arms accuracy, weapons identification and target acquisition. If hearing is reduced then the ability of the operator is also reduced as far as the distances he can engage the enemy. Hearing someone or something moving through the forest at 100 meters is much better than being able to hear them only at 30 meters, which is well within hand grenade range. Anyone who has spent time in combat areas will remark how they often heard the enemy before they actually saw the enemy.

FIREARM SUPPRESSORS

A suppressor is an extremely valuable accessory to any firearm. It offers many tactical advantages for general military and all kinds of special operations. It's also an excellent choice for police work, especially when dealing with today's terrorist threats.



B&T AG
 P.O. Box 174
 3608 Thun / Switzerland
 Fon +41 33 334 67 00
 info@bt-ag.ch
 www.bt-ag.ch

PISTOL SUPPRESSORS

Unlike visual information, information carried by sound comes to the soldier from all directions, through darkness and over or through many obstacles to vision.



The Impuls-IIA™ pistol suppressor is one of the most widely used handgun suppressors in the world. It has been qualified and selected by most of Europe's pistol producers as the suppressor of choice. These producers have chosen the Impuls-IIA™ because of the reliable functioning, ease of use and long service life. The Impuls-IIA™ is so highly regarded in fact many pistol producers will buy the suppressor with their logo engraved on it. The use of special alloys, hi-tech coatings, years of end user feedback and of course the famous Swiss quality makes the Impuls-IIA™ the first choice of professional users who require a rugged, reliable and easily maintained pistol suppressor.

Due to these features and its high level of sound reduction the B&T Impuls-IIA™ is highly respected and is used by many national anti-terror teams and intelligence services. The Impuls-IIA™ is also produced in a compact version for use with smaller handguns or during urban operations if confined spaces could present an issue for operators. The unique design makes the Impuls-IIA™ ensure reliable feeding and ejecting of both subsonic and supersonic ammunition. The spring booster will compensate for the shifting stress dynamics that the pistol undergoes during the operating cycle, irrespective of the ammunition used.

Technical Details			
	Impuls-IIA™	Impuls-IIA™ Compact	Impuls-380™
Calibers available:	9 x 19 mm, .40 S&W, .45 ACP	9 x 19 mm	.380 / 9 x 17 mm
Length:	200 mm	155 mm	125 mm
Extending length:	186 mm	140 mm	117 mm
Diameter max:	35 mm	35 mm	30 mm
Weight:	300 - 450 g	202 g	136 g
Material:	Aluminum & Stainless steel	Aerospace alloy	Aluminium, steel and polymer
Color:	Black, Hardcoat anodized	Black, Hardcoat anodized	Black, Hardcoat anodized
Sound suppression:	32 dB (A)	28 dB (A)	19 dB (A)
Attachment:	thread acc. to customer spec.	thread acc. to customer spec.	thread acc. to customer spec.
NATO Stock Number:	1005-22-262-1927	1005-40-000-4691	N/A
B&T item number:	SD-988006-X	SD-988033-X	SD-988380



Heckler & Koch USP w/ Impuls-IIA™



SIG Sauer P226 w/ Impuls-IIA™ Compact



Glock 42 w/ Impuls-380™

ASSAULT RIFLE SUPPRESSORS

In 2002, The US Department of Veterans Affairs (VA) paid US \$441'924'336.00 to 66'055 veterans of all wars who are receiving disability benefits for hearing loss.



The B&T Rotex™ suppressors has been the industry standard for assault rifle suppressors since 1995. The Rotex™ is widely used by NATO armies and other NATO partners worldwide. The unique quick detachable (QD™) attachment means that any operator can securely and safely mount the Rotex-V on any NATO bird-cage flash hider in a matter of seconds with one hand, without a specialized flash hider, unlike other suppressors on the market. This capability ensures maximum inter-service operational capability which, is so important to armies serving in today's conflict zones. The Rotex-IIA has the same characteristics as the Rotex-V, but it mounts on the B&T produced proprietary flash hider or

compensator. The Rotex-IIA and V are the latest generation in the B&T's suppressor development. These are some of the lightest and smallest suppressors in production today. These products incorporate the same features that have made the earlier Rotex™ family so popular with in the military and special operations community worldwide and are chosen by most of Europe's small arms OEM for reliability and function. The sound reduction provided is well below the 137 dB (A), while providing the maximum amount of flash reduction. The Rotex-IIA and V are available for all modern assault rifles. Special versions or attachments are available upon request.

Technical Details				
	Rotex-IIA™	Rotex-IIA™	Rotex-V™	Rotex-V™ Compact
Calibers available:	7.62 mm	5.56 mm	5.56 mm / 7.62 mm	5.56 mm / 7.62 mm
Length:	214 mm	183 mm	197 mm	168 mm
Extending length:	148 mm	117 mm	151 mm	123 mm
Diameter max:	39 mm	39 mm	39 mm	39 mm
Weight:	654 g	576 g	684 g	612 g
Material:	Inconel® & Thermax®	Inconel® & Thermax®	Inconel® & Thermax®	Inconel® & Thermax®
Color:	Grey	Grey	Grey	Grey
Sound suppression:	33 dB (A)	33 dB (A)	33 dB (A) / 28 dB (A)	30 dB (A) / 25 dB (A)
Attachment:	Lever-Lock	Lever-Lock	Lever-Lock	Lever-Lock
NATO Stock Number:	Pending	Pending	Pending	Pending
B&T item number:	SD-988130-X	SD-988129-X	SD-988059 / SD-988060	SD-988054 / SD-988055



FN SCAR -H w/ Rotex-IIA™



B&T APC556 w/ Rotex-IIA



M4 w/ Rotex-V™



HK G36k w/ Rotex-V™ Compact

SMG & PDW SUPPRESSORS

Aggressive action produces sound that cannot be hidden or camouflaged. The most aggressive action, shooting, however can be camouflaged with a suppressor.



B&T is probably best known for its SMG and PDW suppressors. These suppressors have gained an excellent reputation worldwide because of their compact size, light weight, high level of sound reduction and their quick detachable (QD™) on/off feature. This unique feature allows the user to mount or dismount the suppressor in a matter of seconds. The B&T QD™ suppressor will enable the user to have the best sound and flash reduction possible while not changing the point of aim / point of impact of an unsuppressed weapon. This amazing performance is made possible because of the unsurpassed and proven QD™ system which is unique to B&T products.

Many of our suppressors carry a NATO Stock Number (NSN) as they are widely issued with several NATO armies. Additionally, B&T are an OEM supplier to highly respected small arms manufacturers such as H&K, Beretta, FN and Accuracy International, just to name a few. They supply our suppressors along with their weapon systems whenever a customer requests a complete package. These suppressors work best (sound reduction) when using subsonic ammunition but will produce excellent results when using standard velocity ammunition. Many operators prefer the terminal ballistics of a heavier yet slower bullet as opposed to a lighter faster bullet.

Technical Details					
	B&T MP9	HK MP5/B&T APC9	HK MP5/B&T APC9	HK MP5/B&T APC9	HK MP7 Rotex-II™
Calibers available:	9 x 19 mm	9 x 19 mm	9 x 19 mm	9 x 19 mm	4.6 mm
Length:	206 mm	208 mm	150 mm	109 mm	222 mm
Extending length:	182 mm	173 mm	113 mm	76 mm	183 mm
Diameter max:	50 mm	35 mm	40 mm	40 mm	40 mm
Weight:	485 g	356 g	470 g	370 g	604 g
Material:	Aluminum	Aluminum	Stainless Steel	Stainless Steel	Aluminum
Color:	Black	Black	Black	Black	Black
Sound suppression:	34 dB (A)	33 dB (A)	23 dB (A)	14 dB (A)	38 dB (A)
Attachment:	Tri-Lug QD	Tri-Lug QD	Tri-Lug QD	Tri-Lug QD	Rotary lock
NATO Stock # (NSN)	Pending	1005-17-117-8913	Pending	Pending	Pending
B&T item number:	SD-988400	SD-988100	SD-988188	SD-988188-C	SD-984869



B&T MP9 QD Suppressor



HK MP5 / B&T APC9 Suppressor



HK MP7 Rotex-II Suppressor