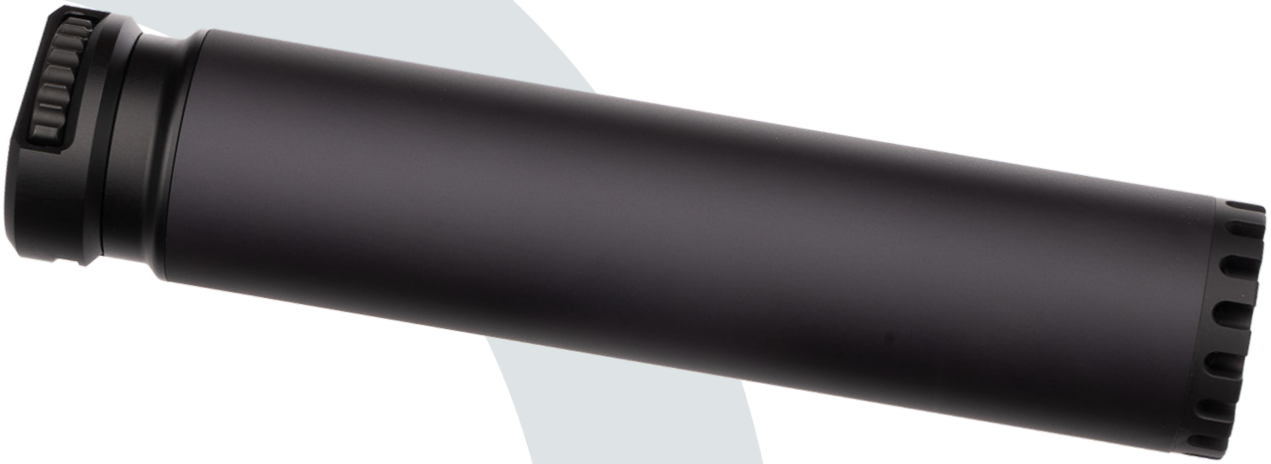
B&T RBS SQD 9MM

SD-123377 / SD-123378

OPERATOR MANUAL



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TM-123377-RBS_SQD_9MM-00-EN

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WARNING!	
⚠	Suppressed firearms make less noise than non-suppressed firearms, it's easy to forget that they are still firearms. It's of vital importance to remember that a sound suppressed firearm is just as dangerous as a non-suppressed firearm and the same safe handling procedures apply. Failure to follow the operating instructions can result in serious injury to the user and damage to the firearm. Suppressors are devices that are attached to the muzzle, the muzzle flash hider or a compensator. A requirement for safe operation is the mounting of the suppressor as described in this operating manual. Under normal conditions any suppressor will become very hot. This is especially true when fired in full automatic mode. For your safety it is important to allow the suppressor to cool down before touching it in any way, this includes removing the suppressor from the weapon. It is also important not to let the suppressor touch any material or equipment while hot, such as nylon webbing or ammunition pouches.

1. General rules

READ MANUAL BEFORE USE.

1.1 Safety rules

1. Consider every weapon loaded until checked personally by the individual operator.
2. User installation or removal of the suppressor must be accomplished in accordance with the instructions contained in this operator manual.
3. Serious injury to the user may result from an improperly installed suppressor.
4. Always wear eye and ear protection when shooting.
5. Check the suppressor for tightness before each use.
6. Don’t touch the suppressor after shooting - Suppressors are quickly become very hot.

1.2 Full automatic firing issues

Suppressors designed for automatic firearms can be used in fully automatic fire mode. However, it must be taken into account that there is an enormous heat effect when shooting in the fully automatic fire mode. Therefore, it is recommended to shoot with the suppressor on in short bursts and not to fire more than 90 rounds (3 x 30 round magazines). Afterwards, stop shooting if possible and let the suppressor cool down to prevent permanent damage to the suppressor. Eventual further restrictions by the weapon manufacturer must be followed.

1.3 Impact of the shooting position

The additional weight of the suppressor at the muzzle and the different gas conditions directly after the muzzle can change the ballistics of the gun and the point of impact. It is therefore important that the point of impact is always checked with the suppressor and the ammunition before a mission and adjusted if necessary.

2. Technical Specifications

2.1 Nomenclature

2.2 General description

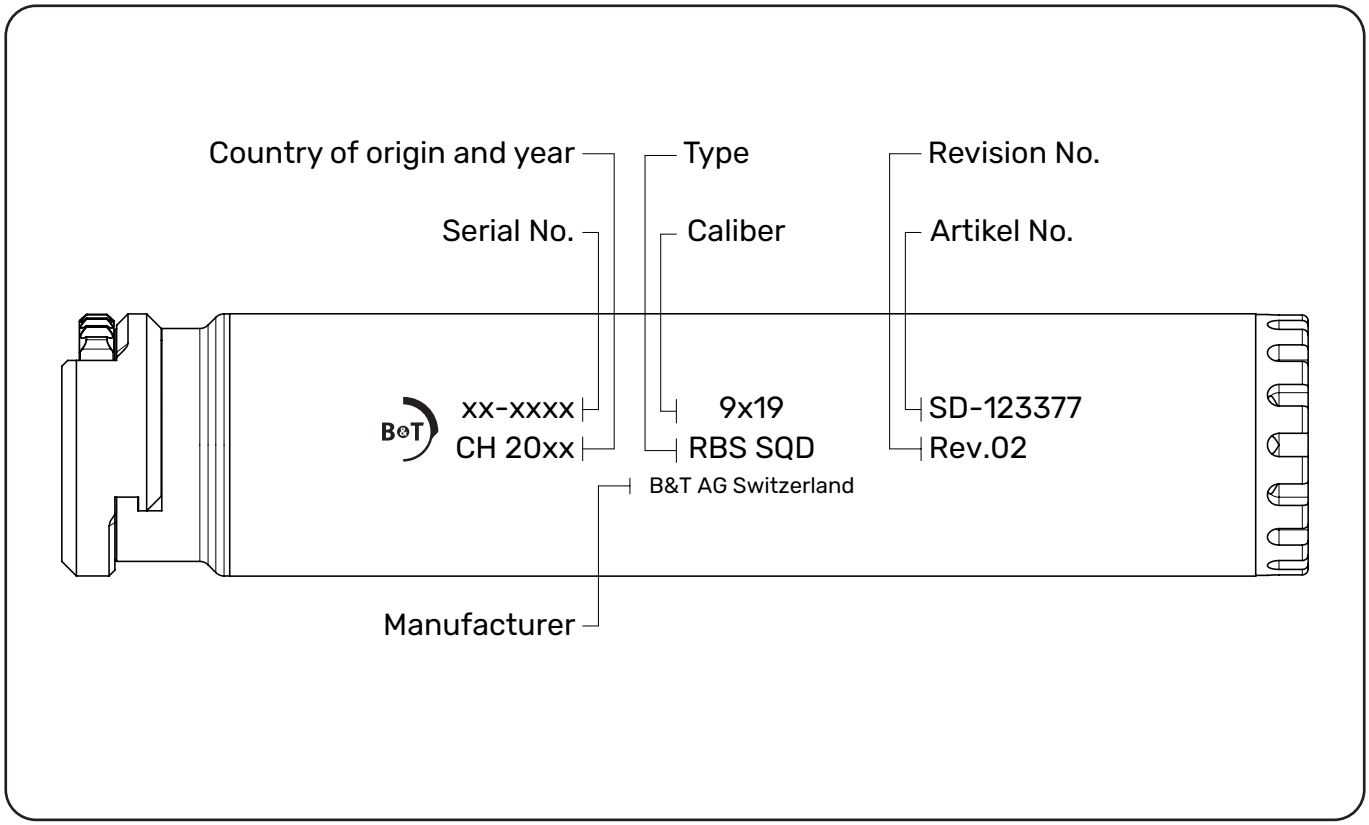
This version of our proven SMG/MP suppressor is adapted for the use on weapons with a 3-lug muzzle. Due to its QD mount, the suppressor can be mounted quickly without any tools.

2.3 Technical data

Description	RBS SQD	RBS SQD Compact
Manufacturer	B&T AG - Switzerland	
Article-No.	SD-123377	SD-123378
Interface	Quick detachable 9mm 3-Lug interface	
Calibre	9mm	
Length	214 mm	157 mm
Length past barrel	178 mm	121 mm
Tube Diameter	45 mm	
Weight	~460 g	~385 g
Material	Aluminium, Steel	
Colour	Black - Cerakote coating on request	
Surface treatment	Hardcoat anodised, QPQ treatment	
Sound reduction	~ 24dB A	~ 17dB A
Service Life	min. 5.000 rounds	
Full auto capable	90 Rounds (3x30 Round Magazine)	
Ambient temperature for use	-45°C...70°C	

All product specifications are subject to change without notice.
Published data are mean values and therefore not suitable acceptance criteria.

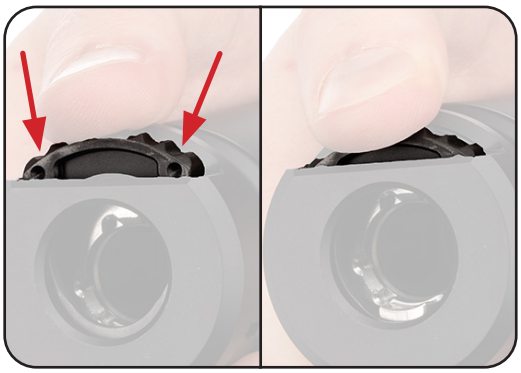
2.4 Type description



3. Mounting & Dismounting

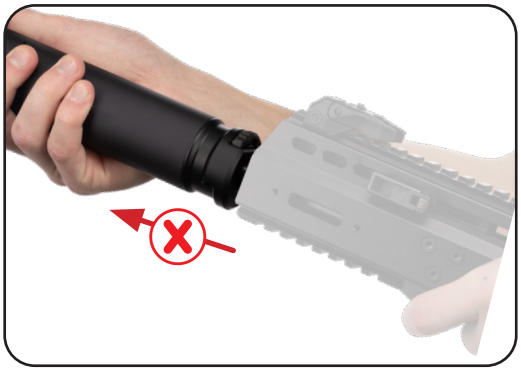
3.1 Mounting suppressor

a. Push in the slider until the two wholes are no longer visible.



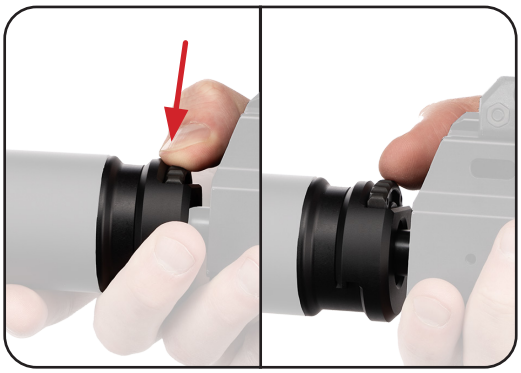
b. Place the lug on the suppressor between two lugs of the 3-lug.
c. Slide the suppressor on the 3-lug.

d. Checking: If the suppressor is mounted correctly, it cannot be slid off the 3-lug by pulling on it

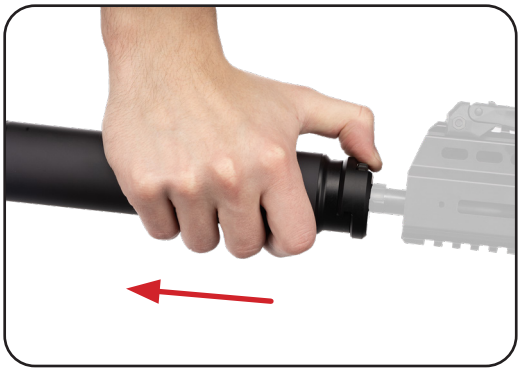


3.2 Dismounting suppressor

a. Push in the slider until the two wholes are no longer visible.



b. Remove the suppressor from the 3-lug.



4. Maintenance procedures

4.1 Storage

Weapons with installed suppressor should be stored upside down with the barrel pointing down. This is especially important after cleaning the suppressor to prevent any cleaning fluid remaining from flowing into the barrel.

4.2 Field maintenance

Field maintenance shall be performed in the following sequence:

- Before use and after a longer period of non-use.
- Daily for regular use.
- Immediately after any impact on the suppressor

Regular maintenance in the field includes the following measures:

- Visual inspection of the inside for foreign bodies and cracks.
- Visual inspection of the external surfaces for cracks and dents, especially in the muzzle area.
- Shake the suppressor to detect broken or detached inner parts.
- Check silencer for tight fit.

SAFETY NOTICE!	
⚠	If the suppressor has cracks, dents, damage in the muzzle area, loose parts, excessive contamination by carbon particles or other irregularities, it may no longer be used and must be presented to the firearms technician or manufacturer immediately.

4.3 Workshop Maintenance

Perform periodic maintenance in the workshop if one or more of the following criteria are met:

» If sand, mud, water or other liquids got inside the suppressor and then had to be fired without being able to remove the residue from the inside.
» Immediately after a baffle Strike.
» 1500 rounds have been fired or every 2 years at the latest.
» The sound reduction declines noticeably.

To carry out a correct inspection of the suppressor, it must be removed from the weapon in any case. (see chapter „4. Maintenance procedures“ on page 8).

Periodic maintenance in the workshop includes the following measures:

1. Visual inspection of the interior for foreign particles and cracks.
2. Visual inspection of the baffles for loose parts, damage and clogged holes.
3. Visual inspection of the external surfaces for cracks and dents, especially in the muzzle area.
4. Shake the suppressor to detect broken or detached inner parts.
5. Check the thread on the muzzle for damage, clean with a small brush and remove grease / oil.
6. Close the suppressor with a plug and fill it with «SchleTek Suppressor-Cleaner Evolution» (or another suitable solvent) for at least 8 hours.
7. Flush out the suppressor with warm water.
8. Blow out the suppressor with compressed air.
9. Grease the thread on the muzzle and the outside of the suppressor with a film of oil.

SAFETY NOTICE!	
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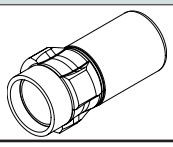
5. Accessories

5.1 Cleaning agent

Pos.	Item-No.	Description
	SCT-1986	SchleTek Suppressor-Cleaner Evolution

5.2 Adapter

Description	Caliber	Thread	Article-No.	Picture
3-Lug adapter	9mm	½”-28 UNEF	BT-122506	

6. Warranty statement

Warranty claims on behalf of the client are to be explicitly declared as such. During the legal warranty period, B&T provides warranty cover solely for defects that arise as a result of faulty materials, construction errors or poor workmanship. If a warranty claim is justified, B&T will, at its own discretion, either repair or replace the defective good. Costs incurred in transporting the defective good to B&T are borne by the Client. Spare parts fitted and replaced become the property of B&T.
Inasmuch as is legally permitted, any other liability of B&T is excluded, in particular liability for damages arising either directly or indirectly from the delivered good itself, from its use or from its defects
Merchandise is covered by the warranty provisions of the manufacturer. Parts that are naturally subject to wear and tear, damage arising from insufficient maintenance work, noncompliance with operating regulations and cases of force majeure are all excluded from warranty cover. Warranty claims lapse if the Client itself or third parties alter or repair the delivered good without the prior written consent of B&T. All product specifications are subject to change without prior notice. Published data are mean values and therefore not suitable acceptance criteria.

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