

B&T KH9C

OPERATOR MANUAL



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TM-KH9C-00-EN

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Abbreviations

POA:	Point of Aim
POI:	Point of Impact
MPI:	Mean Point of Impact
Left / right side:	Defined looking in firing direction.

1. General rules

READ MANUAL BEFORE USE.

1.1 Safety rules

1. Consider every weapon loaded until checked personally by the individual operator.
2. Always keep fingers off the trigger and outside the trigger guard until the sights are on target.
3. Always point the weapon in a safe direction.
4. Verify your target and the backstop.
5. Before firing always verify the serviceability and condition of both the weapon and ammunition.
6. Hearing and eye protection are mandatory.
7. Be sure to use **NATO**, **SAAMI** or **CIP** certified cartridges of correct caliber only.

SAFETY ADVICE!



Defects that can be traced back to the use of non NATO, SAAMI or CIP ammunition (especially reloaded cartridges) are not covered by the guarantee!

8. If a cartridge fails to ignite, keep the muzzle pointed in a safe direction and open the chamber only after a minimum of 30 seconds.
9. Live fire training should be carried out in open or well-ventilated areas to prevent excessive exposure to toxic gases.
10. Operate your weapon consciously and do not use excessive force.

1.2 Maintenance rules

1. The weapon is to be cleaned after each deployment or firing.
2. Any malfunctions are to be reported to the unit armorer or manufacturer.
3. The weapon is to be presented to the unit armorer for inspection after each mission or a minimum of once per year.

2. Technical specifications

2.1 Overview - KH9C



2.2 General description

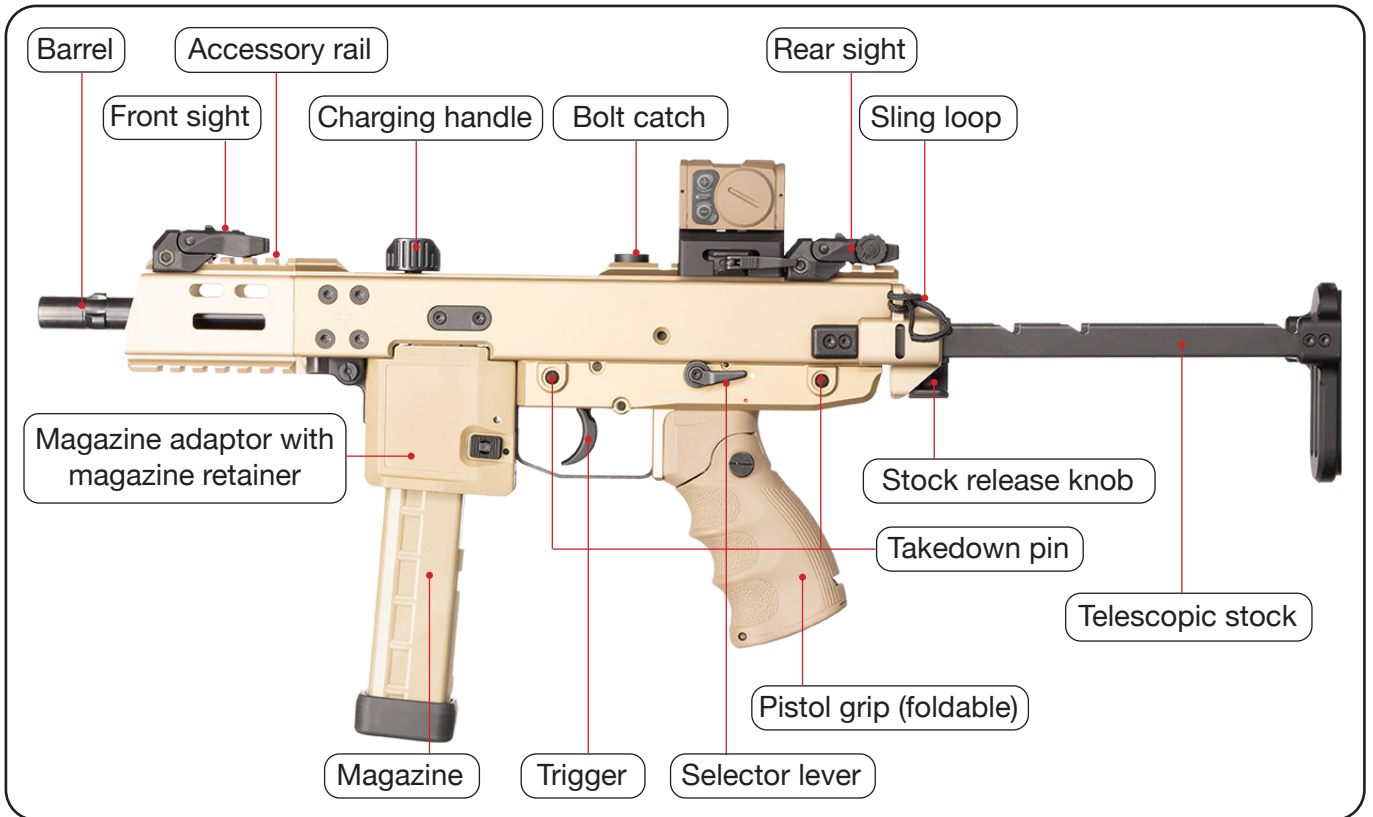
The KH9C is a blow-back operated semi-automatic carbine of closed bolt design in cal. 9x19. The trigger is of single action/double action type acting on a linear hammer. The weapon features a manual safety, a decocking lever and an automatic drop safety. The magazine well and the pistol grip are foldable and stock is of a telescopic design, so the weapon can be transported in a very small package. The weapon includes a shortened B&T Mp9/APC9 magazine to use the maximal length and not extending the barrel when folded, and all the B&T Mp9/APC9 magazines are compatible. Other features are the Aimpoint Acro and the flip-up sights on top accessory rails. There is an accessory rail at 6 o'clock and M-Lok slots on 3 and 9 o'clock on the handguard. There is a three-lug-interface on the muzzle to accept suppressors.

2.3 Technical data

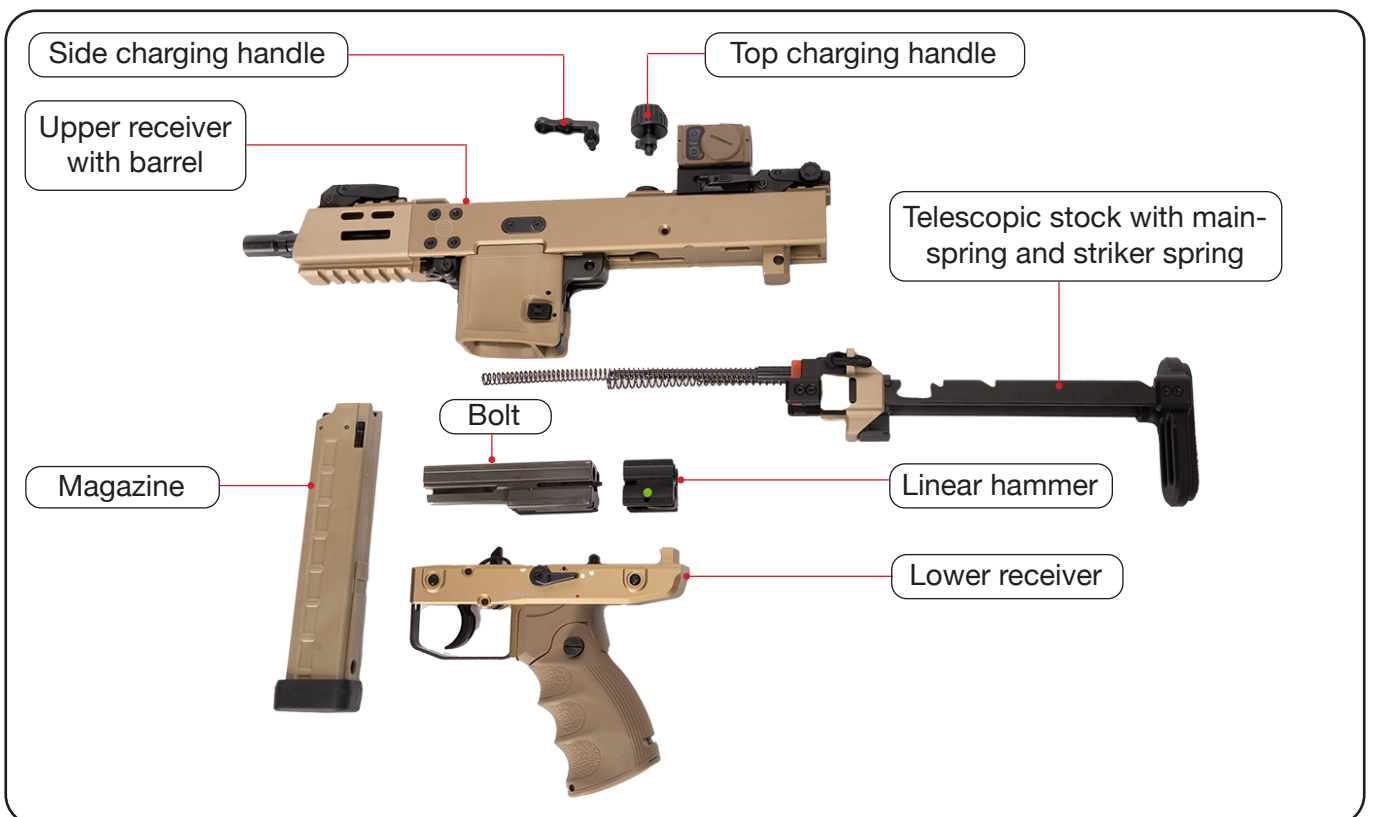
Designation	KH9C
Manufacturer	B&T AG - Switzerland
Product ID	BT-440000-C
Caliber	9x19
Magazine capacity	30 rounds
System	Closed bolt blowback action
Barrel length [mm]	153
Twist rate [mm per turn]	254
Rifling	6 grooves, right hand
Overall length [mm]	430 / 581
Overall width [mm]	56
Overall height [mm]	260 (magazine inserted)
Weight [kg]	2.5 (mit leerem Magazin)
Interfaces	NATO accessory rails, M-Lok, three-lug-muzzle
Standard supply	Weapon complete with one magazine, side chagin handle carrying sling and softcase.

3. Nomenclature

3.1 Weapon complete



3.2 Weapon disassembled



4. Handling and operating procedures

4.1 Clearing weapon

- Rotate the fire selector to «safe» position (see chapter 4.2).
- Press the magazine retainer and pull the magazine downward out (see chapter „4.3 Magazine“ on page 9).
- Pull the charging handle completely to the rear and inspect the chamber visually to be clear.
- Lock the bolt in open position (see chapter „4.5 Operating bolt catch“ on page 13).



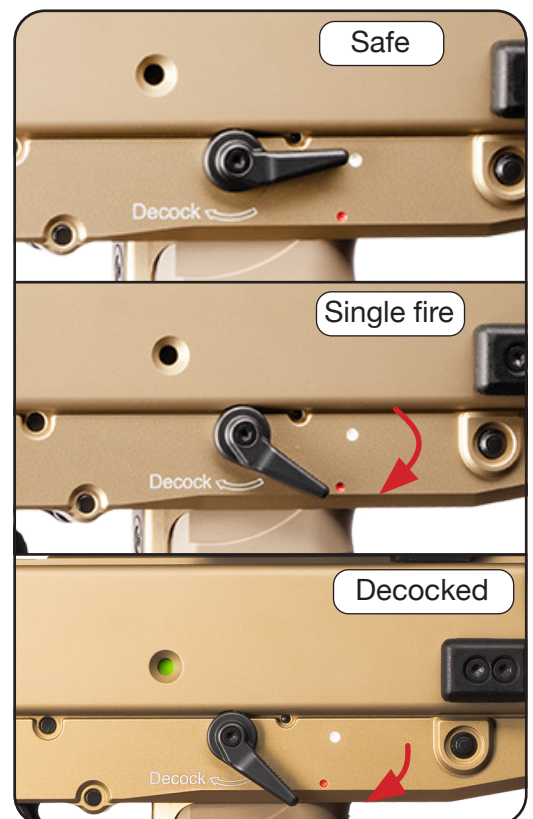
4.2 Operating fire selector

- The positions of the fire selector are marked on both side of the weapon.
- Rotate the fire selector in order to engage the desired mode.

WHITE DOT = SAFE

RED DOT= SINGLE FIRE

- To move to the decocked position, the lever must be turned further after the fire position. The linear hammer will snap forward and the green point will be visible on the left side of the weapon.



4.3 Magazine

- a. In order to remove a magazine, press the magazine retainer either on the right or left side.



- b. Pull the magazine downward out of the weapon.



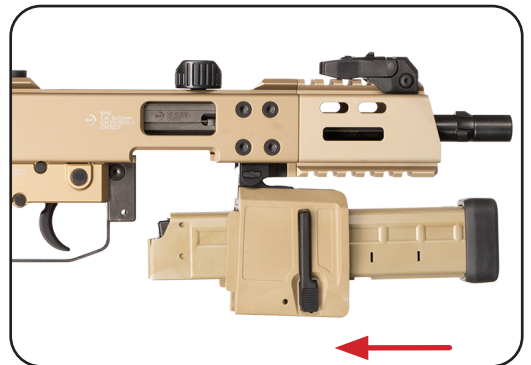
- c. Insert a magazine to the adaptor until the retainer snaps audibly.
- d. Pull the magazine slightly downward to verify it is well seated.

4.3.1 Operate foldable magazine well

- Grasp the weapon with the firing hand on the pistol grip, the non firing hand on the magazine.
- Push the magazine well knob with the thumb, and fold it until it is parallel to the upper receiver.



- Push the magazine through the adapter until the stop.



- Grasp the weapon with the firing hand on the pistol grip, the non firing hand on the magazine. Turn the magazine adaptor until it clicks audibly in place.

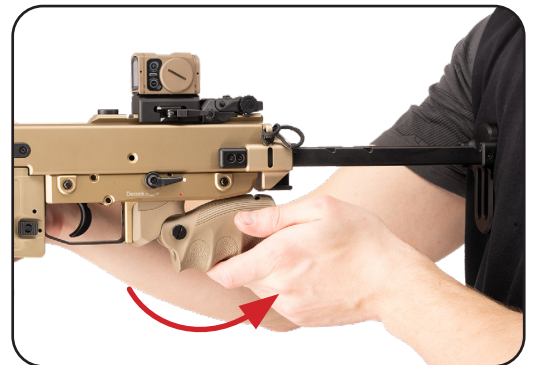


4.3.2 Operate pistol grip

- a. Grasp the weapon with one hand on the upper receiver, push the locking knob with the other hand, and fold it.



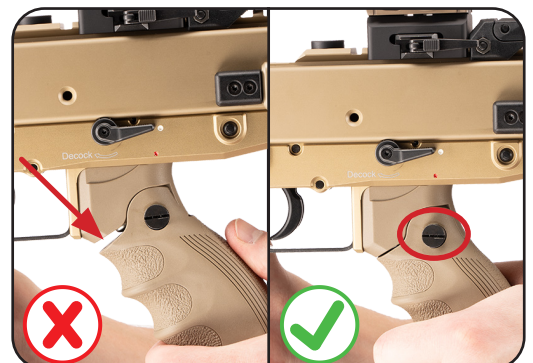
- b. Fold the pistol grip until it reaches the end position.



- c. Grasp the weapon with one hand on the upper receiver, and fold the pistol grip out the stock until it snaps audibly in place.



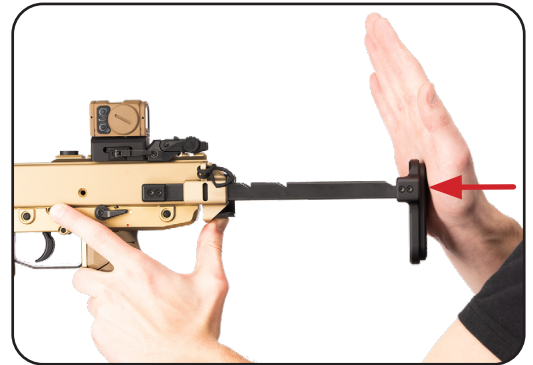
- d. The pistol grip is correctly opened if there is no open space and the knocking knob comes out.



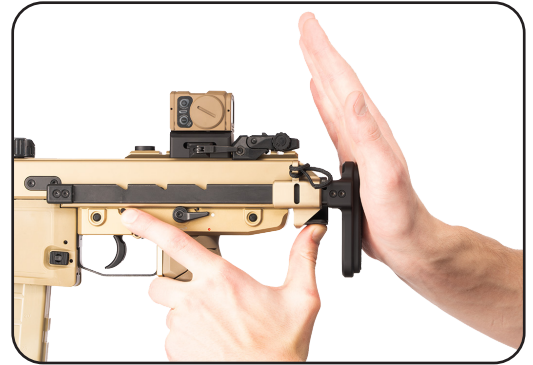
4.4 Stock

4.4.1 Retracting telescopic stock

- a. Grasp the weapon with the firing hand on the pistol grip.
- b. Push the locking knob with the thumb of the firing hand, and push in the stock.

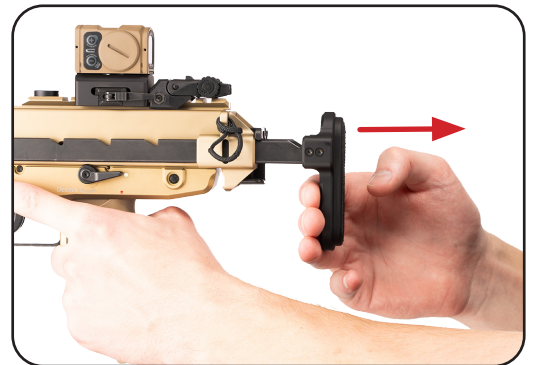


- c. Push in the stock until it reaches the end position and locks audibly.

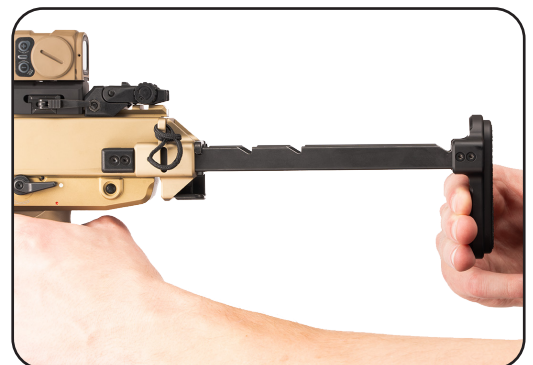


4.4.2 Extracting telescopic stock

- a. Grasp the weapon with the firing hand on the pistol grip.

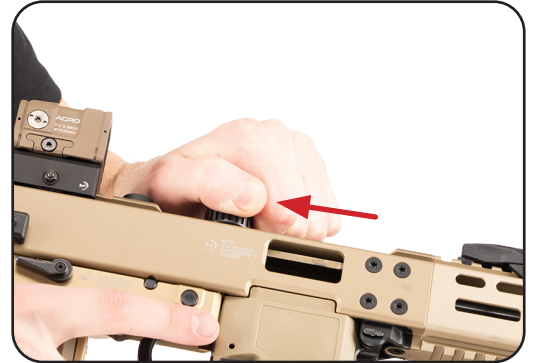


- b. Pull out the stock with the non firing hand until it reaches the desired position.

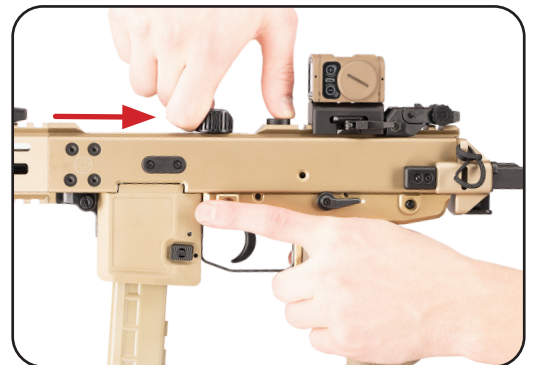


4.5 Operating bolt catch

- a. Remove magazine (see chapter „4.3 Magazine“ on page 9).
- b. Grab the charging handle and pull the bolt to rearmost position.



- c. Press and hold the bolt catch.
- d. Allow the bolt to travel forward until it stops on the bolt catch.



- e. In order to close the bolt, pull back the charging handle until the bolt catch snaps out and allow the bolt to travel forward under its own power.

4.6 Loading and unloading weapon

4.6.1 Loading weapon

SAFETY NOTE!



BE SURE OF THE CARTRIDGES YOU LOAD!

- a. Fill the cartridges one by one into the magazine.
- b. Grab the weapon and engage safety (see chapter „4.2 Operating fire selector“ on page 8).
- c. Insert magazine.
- d. Pull the magazine slightly downward to verify it is locked in place.

- e. If the bolt is open, pull back the charging handle until the bolt catch snaps out and allow the bolt to travel forward under its own power.
- f. If the bolt is closed, vigorously pull back the charging handle to its rearmost position and allow the bolt to snap forward under its own power.

- g. Slightly pull the bolt rearward until you can spot the brass of the chambered cartridge in order to verify the weapon is loaded.



- h. Rotate the fire selector to the “Decock” position in order to decock the weapon. The weapon is decocked if the green mark becomes visible on the left side.

SAFETY NOTE!



The trigger pull will be considerably higher if the weapon has been decocked.

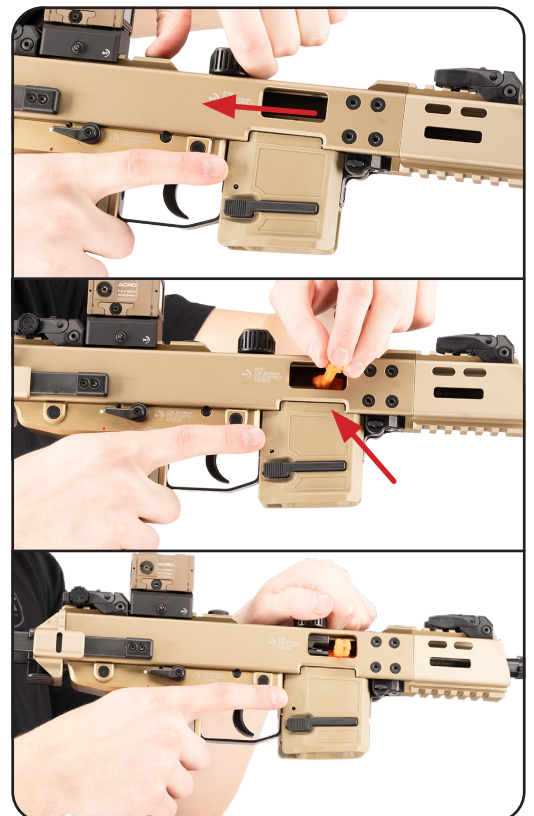


4.6.2 Unloading weapon during firing sessions

- Remove the magazine (see chapter „4.3 Magazine“ on page 9).
- Pull the charging handle rearward and observe the chambered cartridge becoming ejected.
- Hold the bolt in open position using the bolt catch (see chapter „4.5 Operating bolt catch“ on page 13).
- Recover the loose cartridge.

4.6.3 Unloading weapon for storage

- Unload the weapon (see chapter „4.6.2 Unloading weapon during firing sessions“ on page 15).
- Close the bolt (see chapter „4.5 Operating bolt catch“ on page 13).
- Disengage safety (see chapter „4.2 Operating fire selector“ on page 8).
- Point the weapon into a safe direction and pull the trigger - the hammer strikes audibly.
- Engage safety (see chapter „4.2 Operating fire selector“ on page 8).
- Lock the bolt to the rear (see chapter „4.5 Operating bolt catch“ on page 13).
- Insert the “safety flag”.
- Escort the bolt, with inserted safety flag, to the front.



4.7 Operating iron sights

4.7.1 Engaging iron sights

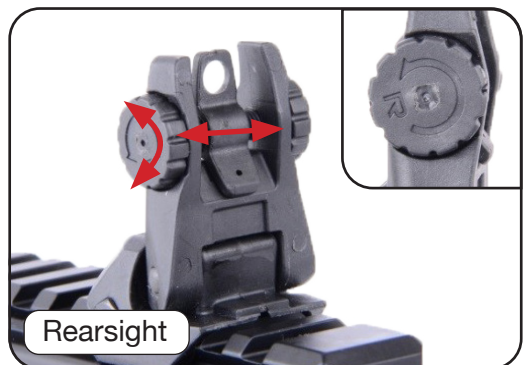
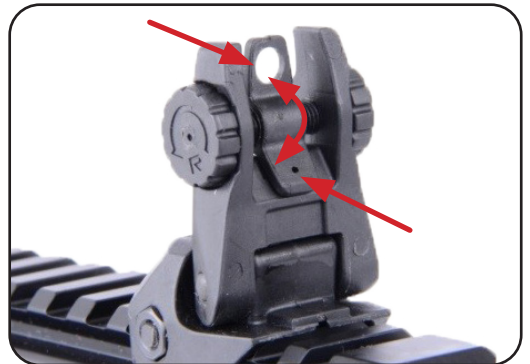
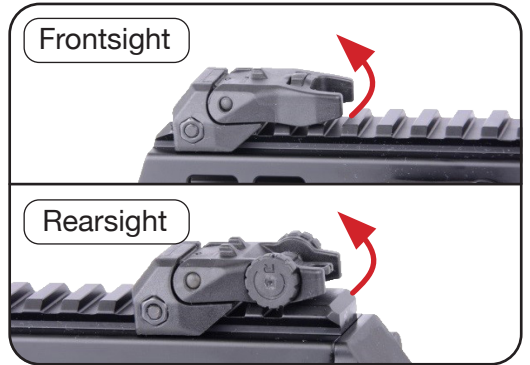
- a. Push front sight up until it snaps in upright position.
- b. Push rear sight up until it snaps in upright position.

- c. Select large or small aperture.
- d. Push sights down until they snap in storage position when not used.

4.7.2 Adjustments

- a. Lift the MPI by rotating the front sight's wheel counter-clockwise.

- b. Shift the MPI to the right side by rotating the rear sight's wheel clockwise.



ADVICE	
	Verify proper zero by firing

4.8 Firing the weapon

SAFETY ADVICE!



Follow the steps of the chapter „Safety rules“ page 4.

- Engage iron sights (see chapter „4.7.1 Engaging iron sights“ on page 16).
- Load the weapon (see chapter „4.6.1 Loading weapon“ on page 14).
- Apply a proper firing position.
- Disengage safety (see chapter „4.2 Operating fire selector“ on page 8).
- Pull the trigger until the shot is released.

SAFETY ADVICE!



-BE SURE YOUR SUPPORTING HAND IS BEHIND THE MUZZLE!
-BE AWARE OF THE CHARGING HANDLE RUNNING WITH THE BOLT!

Advice!



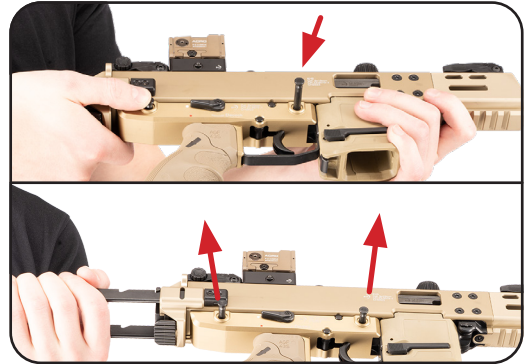
Follow the steps of the chapter „Functional check“ page 22



5. Maintenance procedures

5.1 Disassembly

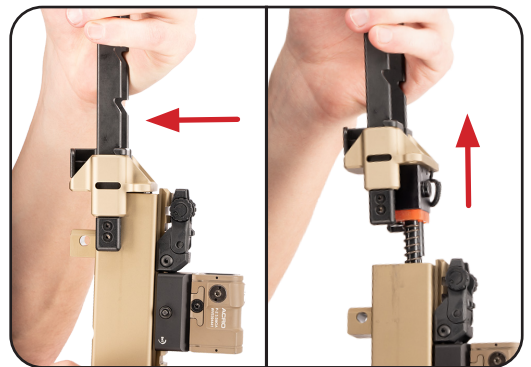
- Clear the weapon (see chapter „4.1 Clearing weapon“ on page 8).
- Close the bolt (see chapter „4.5 Operating bolt catch“ on page 13).
- Press take down pins from left side to right side.



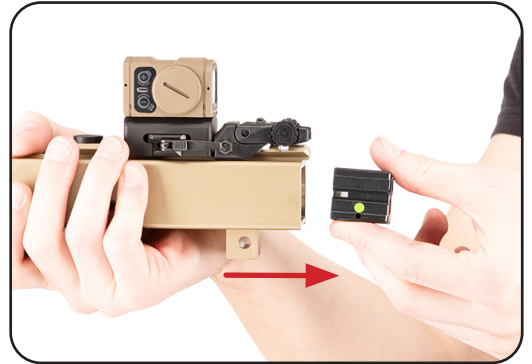
- Tilt the lower receiver downward and separate it from the upper receiver.



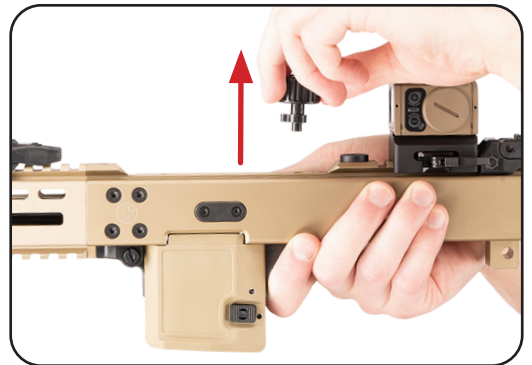
- Grab stock assembly, pull it down and out of the upper receiver.



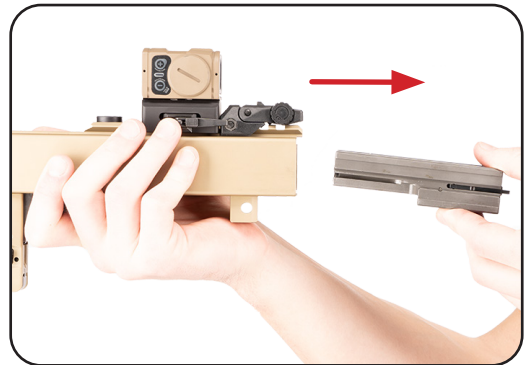
f. Remove linear hammer.



g. Remove charging handle through the port in the rear-most position.



h. Pull the bolt rearward out of the receiver and remove it.

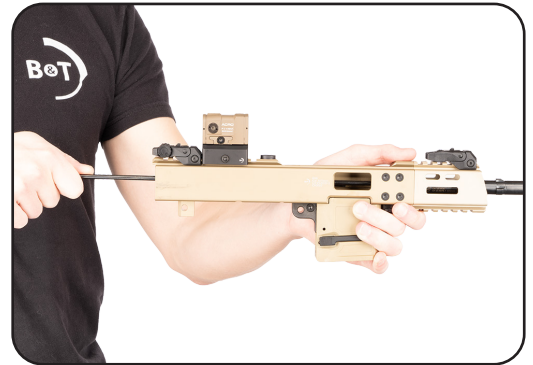


i. The weapon is now disassembled.



5.2 Cleaning and inspections

- Use a cleaning rod of suitable length with a copper brush to clean the barrel from the rear side.
- Use a small brush to remove particles captured in the cavities of lower and upper receiver.
- Use an oiled rag to wipe clean all accessible surfaces.
- Inspect all components and accessible parts for cracks, deformations or other signs of deterioration.
- Apply a slight film of oil to all accessible surfaces of steel parts



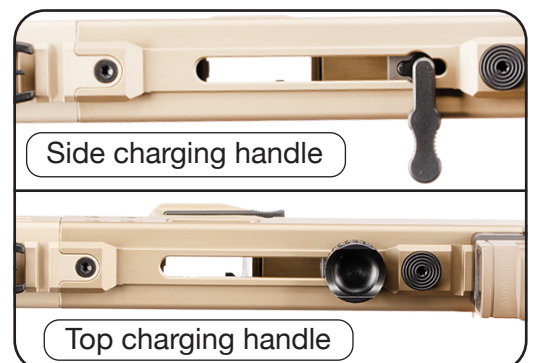
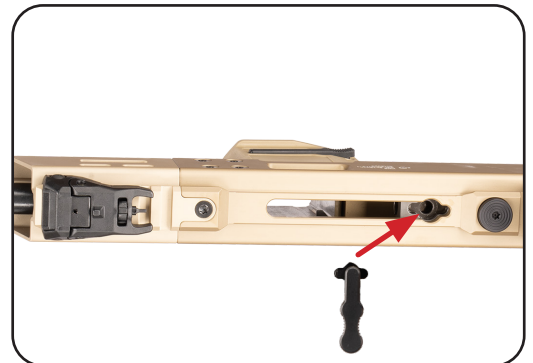
SAFETY ADVICE!



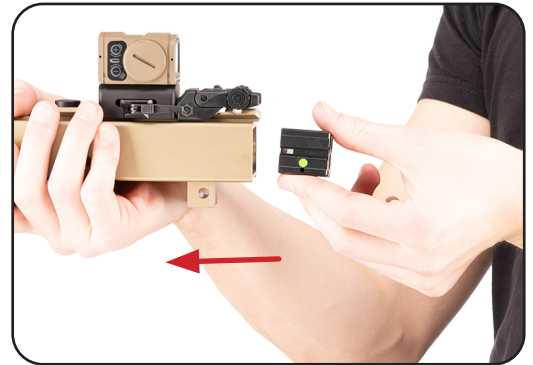
ADDRESS TO AN ARMORER IF THE SERVICE-ABILITY OF THE WEAPON SEEMS DOUBTFUL.

5.3 Reassembly

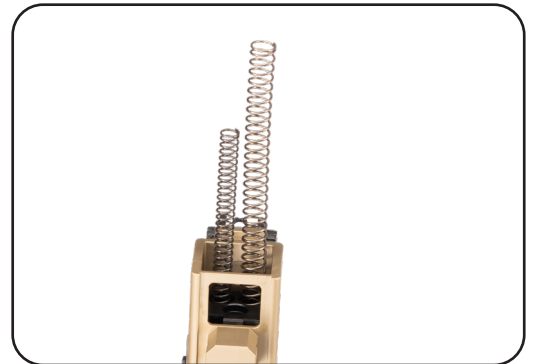
- Insert the bolt to the upper receiver until its bearing for the charging handle collimates with the port in the receiver.
- Plug the charging handle fully into the bolt.
- Inspect for smooth running of the bolt.



- d. Insert the linear hammer with the green mark to the left side



- e. Insert the mainspring and the striker spring.

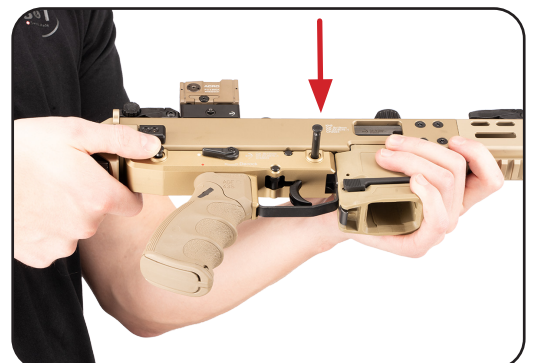


- f. Hook in the telescopic stock and push it upward in position.

Advice!	
i	The telescopic stock must be in extracted position.



- g. Place the lower receiver on the upper receiver and push in the front and rear take-down pin from the right side.
h. Execute a functional check (see chapter „5.4 Functional check“ on page 22).



5.4 Functional check

- a. Clear weapon (see chapter „4.1 Clearing weapon“ on page 8).
- b. Engage safety and pull trigger » hammer shall not strike.
- c. Rotate right side fire selector to single fire position and back to safe position » shall snap audibly in both positions.
- d. Rotate fire selector to single fire position, pull trigger and hold » hammer shall strike audibly.
- e. Pull charging handle to the rearmost position and slide it to forward position. Release trigger and pull it again » hammer shall strike audibly.
- f. Pull charging handle to the rearmost position and slide it to forward position
- g. While pulling the trigger, pull the charging handle to the rearmost position and slide it to the forward position » The hammer shall strike audibly when the bolt reaches the forward position.
- h. Release trigger and pull it again » hammer shall not strike.
- i. Engage safety, insert an empty magazine and pull downward » magazine retainer must hold securely.
- j. Pull charging handle to rearmost position and release » bolt shall stay open.
- k. Push left magazine retainer and pull magazine downward » magazine shall come loose.
- l. Reinsert empty magazine, push right magazine retainer and pull magazine downward » magazine shall come loose.
- m. Pull charging handle to the rearmost position and release » bolt shall run to closed position. Repeat steps i to m with all available magazines.
- n. Engage sights » both shall audibly snap in open position and point straight upward.
- o. Close sights » both shall audibly snap in closed position.
- p. Inspect installed accessories for function and tight mounting.

If any function fails, disassemble the weapon, check for defective parts, reassemble the weapon and check for correct reassembly. If the failure persists, refer to armorer

6. Accessories


6.1 Suppressors

Pos.	Art.-No.	Type	Description
	SD-123377	APC9/KH9	Suppressor RBS SQD™
	SD-123378	APC9/KH9	Suppressor RBS SQD™ Compact
	SD-988100	APC9/KH9	Suppressor QD™
	SD-988100-C	APC9/KH9	Suppressor Compact QD™


6.2 Magazines

Pos.	Art.-No.	Type	Description
	BT-30183 BT-30298 BT-30296 BT-30209	APC9/KH9	Magazine 30 rounds Magazine 25 rounds Magazine 20 rounds Magazine 15 rounds
	BT-300696	APC9/KH9	B&T bumper pad for magazine PRO
	BT-300698	APC9/KH9	B&T magazine upgrade kit with rubber bumper for old B&T magazines
	BT-231229	APC9/KH9	Magazine loader
	BT-22379	APC9/KH9	Magazine clamp

6.3 Flashlights

Pos.	Art.-No.	Description
 A black, cylindrical flashlight with a lens at the front and a mounting bracket on the side. The B&T logo is visible on the side.	BT-WML-B-W-L-GEN2	B&T Weapon Mounted Light GEN-2

6.4 Flash hider

Pos.	Art.-No.	Description
 A black, cylindrical flash hider with a textured grip and a lens at the front. It has a QD (Quick Detach) mechanism.	BT-400983	Flashhider Vortex QD

6.5 Maintenance

Picture	Art.-No.	Type	Description
	SC-99B/6		Cleaning rod extension
	SC-TR/P_9_M5	APC9	Cleaning kit

7. 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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Notes:

A large rectangular area filled with a fine grid of small squares, intended for the user to write notes. The grid is empty and occupies most of the page's vertical space.