

OWNER'S MANUAL roller delayed operating firearms 9x19 – 5,56x45 – 7,62x51 cal.





Thank you for your purchase.

The gun you have just acquired is a delayed roller locked operating, built starting from a flat bent receiver and original HK or licensed parts. The gun has been built following official ATF guidelines and is as similar to the original full auto original as legally possible.

Your gun, depending on the model can be registered as a pistol or a rifle. If registered as a pistol it can be provided with a fixed or folding brace (depending on the model) while in rifle conversion has a 16" barrel and a stock (fixed or folding, depending on version).

Buying and using this firearm implies acceptance of the following safety rules (from the site <u>https://gunsafetyrules.nra.org</u>) :

## 1. ALWAYS KEEP THE GUN POINTED IN A SAFE DIRECTION

This is the primary rule of gun safety. Common sense dictates the safest direction, depending on different circumstances.

2. ALWAYS KEEP YOUR FINGER OFF THE TRIGGER UNTIL READY TO SHOOT

When holding a gun, rest your finger alongside the frame and outside the trigger guard. Until you are actually ready to fire, do not touch the trigger.

**3. ALWAYS KEEP THE GUN UNLOADED UNTIL READY TO USE** If you do not know how to open the action or inspect the chamber(s), leave the gun alone and get help from someone who does.

#### 4. KNOW YOUR TARGET AND WHAT IS BEYOND.

5. WEAR EYE AND EAR PROTECTION FOR EVERY ACTIVITY (EYE PROTECTIN WHEN ASSEMBLING/DISASSEMBLING).

Guns are loud and the noise can cause hearing damage. They can also emit debris and hot gasses that could cause eye injury. For these reasons, shooting glasses and hearing protection should be worn by shooters and spectators. Ear and eye protection is specially important in case of a **slamfire or out of battery firing** (unexpected firing with the bolt not completelyin the forward position) which can happen on any gun due to debris or dirt, malfunction of parts, dropping etc.

Not being completely close, a gun firing out of battery can eject debris or hot gases and only proper eye and hear protection can prevent injury.

## 6. BE SURE THE GUN IS SAFE TO OPERATE.

Just like other tools, guns need regular maintenance to remain operable. Regular cleaning and proper storage are a part of the gun's general upkeep.

Check proper gun functioning before shooting activities and consult a knowledgeable gunsmith in case of any doubt.

#### 7. Know how to use the gun safely.

Before handling a gun, learn how it operates. Know its basic parts, how to safely open and close the action and remove any ammunition from the gun or magazine. Remember, a gun's mechanical safety device is never foolproof. Nothing can ever replace safe gun handling.

## 8. DO NOT CARRY THE GUN WITH A ROUND IN THE CHAMBER

Gun safeties aren't necessarily 100% safe and should not be relied upon to carry, handle, or transport a gun with a round in the chamber. A round must be inserted in the chamber only immediately prior to firing and the chamber must be emptied at the end of shooting activities...

FOR THIS REASON IT IS MANDATORY THAT THE GUN IS CARRIED UNLOADED WITH AN EMPTY CHAMBER and a bullet be loaded only when in pointing in direction of target just ahead of firing.

If you do not want to abide to these rules please DO NOT USE THE GUN and bring it to a competent gunsmith or send it to us for checking and maintenance.

## Notes related to magazine handling

A not pretty widely known is that HK style magazines need a rocking motion to be inserted and extracted.

For a swift extraction simply grab the magazine, push the button or paddle mag lever (if present on the gun) and push slight forward and down at the same time as by following image .

The forward rocking motion is necessary to disengage the square latch which hold the magazine.

Magazine extraction



To insert magazine execute operations in the opposite direction, pushing button or paddle mag may be not necessary.

#### **OPERATING INSTRUCTIONS**

This gun is not designed or intended for the use of beginner shooters, as it requires particular competence on firearms use. If you do not know how to use this gun or is functioning is not clear DO NOT LOAD IT and consult an expert.

## LOADING

- 1. Choose a safe place for gun handling ; your bedroom or home are NOT safe places for gun handling. Only appropriate area areas of gun ranges can be considered safe.
- 2. Extract the gun from the box or bag, always keeping the finger OFF the trigger and the gun pointed in a safe direction (a backstop or target area).
- 3. Pull the coking lever (on the side of the gun) check the chamber is empty (no bullet inside the chamber)
- 4. Pull and release the lever more times to check that everything is working and the gun is not dirty or the barrel obstructed.
- 5. With gun pointed in safe direction, finger still off trigger, load a loaded magazine in the magazine well.
- 6. Always pointing in a safe direction and with finger off trigger, pull the loading lever all the way and load the first round.
- 7. If you haven't a full comprehension of how the gun operates, always keeping off the trigger and gun pointed in a safe direction, extract the magazine, pull the lever to clean the chamber from a bullet, check the chamber is empty, put down gun in a safe position and look for competent help in the form of an instructor.

In general never hold the gun with the forward hand on the magazine or in correspondence of the muzzle of the barrel. The correct position for fire is depicted in the following image:



Correct use of a roller delayed blowback family gun. Front hand on handguard and rear hand with finger off the trigger.

8. With the gun still in a safe direction, put your finger on the trigger and pull once. The gun will fire its first round. Check gun pointing and surrounding area and shoot more rounds if necessary, in a slow deliberate manner.

Once all rounds are fired or if you decide to stop shooting take your finger off the trigger, keep the gun in a safe direction, engage safety and extract magazine.

It is not finished yet: pull the lever and free the chamber from the eventual live round, check the chamber, close the bolt and dry fire in a safe direction.

Install a chamber flag (a plastic flag which prevents the accidental chambering of a round – put the gun down in a safe position and always pointed in a safe direction.

ALWAYS FIRE IN A SLOW DELIBERATE MANNER, TAKING CARE THAT YOUR FORWARD HAND DOES NOT SLIDE IN FRONT OF THE BARREL DUE TO RECOIL OR A TOO HIGH RATE OF FIRE.

#### MAKE EXPERIENCE ON THE GUN WORKING BEFORE FAST FIRING, IN CASE CONSULT AN APPROPRIATE INSTRUCTOR.

IMPORTANT NOTE: this gun has been modified from its original configuration as by ATF guidance. F

If holding the bolt back in the open position is utterly necessary, please rest the lever on the upper part of the hold open slot . Refer to following image for position identification.

Never insert your finger inside the receiver as the bolt could slam abruptly in the forward (fire) position, with a severe injury possibility.

REMOVAL OF SB BRACE (when present on the gun)

The SB Brace end cap has been fitted very tightly to the gun to increase sturdiness and increase stability of the gun during firing.

The tight fit does not consent to remove the bend cap by hand even after removal of the end cap rear pin.

For removal use a wooden stud and lightly tap with a small hammer /mallet till to push out the end cap, as by following picture



## PARTS AND OPERATING COMMON TO ALL FIREARM MODELS

## CLEANING AND MAINTENANCE

Periodic cleaning of a firearm is paramount for its correct functioning.

Cleaning operations:

Always use safety glasses or goggles; firearms contain springs which can jump out and injure your eyes or those of eventual bystanders. Always use safety goggles for yourself and eventual bystanders. Always keep the gun pointed in a safe direction and keep finger off the trigger check the chamber is empty pulling the loading lever ; if it is not unload it eje cting the cartridge.

Push out the rear pin or pins. Remove end cap, grip frame extract bolt and recoil rod.



Clean the barrel pushing a cleaning rod frm back to front

Spray a cleaning product over the trigger system and swipe with a clean rag.

## NO FURTHER DISASSEMBLY IS NECESSARY OR ADVISED. IF FURTHERY DISASSEMBY IS NECESSARY CONSULT A GUNSMITH.

Reassemble the gun in the opposite sequence. Check all functions, store the gun unloaded and with an empty chamber.

## SPECIAL NOTES FOR THE 7,62 Nato and 5,56 Nato firearms:

the chambers on these guns are accurately manufactured.

This means that for the first 200 rounds the chamber and chamber shoulder must be accurately cleaned before shooting.

Just a minimal amount of material (like gummy residue from oil and dirt) can prevent your gun from extracting, leaving a case stuck in chamber. It may eject properly by hand but not eject under pressure and heat of a live fired round.

If properly cleaned the gun will fire reliably as tested in our shop.

After 250 rounds the problem will be eased somewhat (because of the slight wearing of the flutes).

You may never experience this problem due to the reliability tests that all our guns take before exiting the door (minimum 50 rounds total, 25 after assembly and 25 after finishing).

**RECOMMENDED AMMUNITION: Especially for the short barrel models** (M53 – M51 etc.) the best suited ammunition are 5,56 Nato SS109 (Stanag 4172 (M193 – SS109 – 62 gr.) or the Hornady BLACK 5,56 mm. Ammunition (specific for short barreled firearms).

In general a minimum of 100 rounds will be necessary to break in the gun. ALWAYS USE EYE AND EAR PROTECTION WHEN USING THE GUN. STOP FIRING AS SOON AS YOU SEE ANYTHING OUT OF ORDINARY. In general we advice to stay away from steel cased ammunition which do not deform accordingly to fluted chamber barrels.

## WARRANTY

Interfor USA Group Inc. Will warranty this product against defects of materials and workmanship for one year since the original date of sale.

If return to Interfor USA Group Inc. should be necessary for warranty or repairs, please contact us via <u>www.interfor.us</u> site or call us at 832.542.1587, or write to Interfor USA Group Inc. 12515 Maxim Drive 77065 Houston, Texas, USA.

If the manual for this gun is missing or damaged please download a new copy from <u>www.interfor.us</u> Internet site.

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## Appendix 1

#### Which ammunition to use

#### 1. ALWAYS use eye and ear protection for you and bystanders

#### 2. Ammunition to use :

We had very good results with all military loading ball ammunition, Full metal Jacket.

3. NEVER NOT USE STEEL CASED AMMUNITION. These guns have longitudinally fluted chamber (fluted along the length) and steel ammunition does not expand as brass does. IN GENERAL THESE GUNS ARE DESIGNED WITH HIGH TOLERANCES AND NOT SUITABLE FOR STEEL CASED AMMUNITION

All different loadings of Winchester White box has been found too weak to feed reliably in these heavy bolt guns.

#### Brands tested to work reliably :

5,56 (.223): Sellier and Bellot – Hornady BLACK - Lake City M855 62

gr. (Federal Eagle etc.) or 5.56 55 Grain FMJ-BT XM193LC1AC1.

**7,62 N (308):** Winchester 147 gr. FMJ (Q3130)

**9 mm (and other pistol cals.)** Sellier and Bellot – Remington UMC 116 grain – Blazer Brass case 116 gr. - Winchester White Box 116 grain (NOT *"USA FORGED" which are steel cased*)

# FOR A RELIABLE FEEDING, ALWAYS LUBE (SPRAY OIL) THE INSIDE OF GUN, CHAMBER LOADING TUBE AND AMMUNITION, AT LEAST FOR THE FIRST 500 ROUND BREAK IN PERIOD.

## Appendix 2

## Instructions for the Picatinny forward rail

To install/Uninstall the forward Picatinny handguard:

- 1. Always use safety glasses or goggles; firearms contain springs which can jump out and injure your eyes or those of eventual bystanders. Always use safety goggles for yourself and eventual bystanders.
- **2.** Always keep the gun pointed in a safe direction and keep finger off the trigger check the chamber is empty pulling the loading lever ; if it is not unload it ejecting the cartridge.
- **3.** Unscrew the front bolt or extract the front pin (depending on gun model/version), unscrew the rear bolt (if present).
- **4.** Slide down the handguard (can be slightly hard to come away because it is built to be pressed in).
- **5.** Reassembly: Slide in the handguard.
- **6.** Insert the rear bolt (if present) and slightly screw in onto the other side. Do not screw full way.

- 7. Insert the front pin or insert tighter the front bolt.
- **8.** Tighten the rear bolt

## Appendix 3

Note for possessor of MC51 or Cetme clone rifles based on a TSR metal lower

Owners of Cetme / Cetme K clone rifles or MC51 based on the Cetme T-S-R metal lower can have the following lever positions :

- T (top position) FIRE
- S (center) SAFETY
- R (bottom) FIRE

Having the safety in the CENTRAL position of the lever. This happens because the original CETME lower were built this way and only years later HK changed the configuration to SEF (Safe – Fire – Fire) which can be found on G3 and MP5 guns.

If you have a Cetme or MC51 pistol please get accustomed to the safety/fire lever positions and request assistance from a competent gunsmith or range master if necessary.

## Appendix 4

## Warning for firearms accesoried with brace

