



Manual: MP5 Reflex Suppressor with Easy Bayonet Mount (TM)

Reflex suppressor R16MP5 for Heckler & Koch MP5 has a new quickly detachable Easy Bayonet Mount with a friction ring against accidental loosening. The all-steel Reflex suppressor is a long-lasting suppressor designed to protect the shooter from hearing loss as well as muffle muzzle blast, eliminate flash and reduce recoil. The Reflex Suppressor is designed to withstand full-auto shooting with full power 9x19mm Para cartridges. Standard Reflex Suppressor finish is military grade parkerizing. Model R16MP5 extends only 6 inches (153 mm) forwards from the muzzle.

Reduction of shooting noise using the R16MP5 suppressor is considerable, but the mechanical noise of the firing cycle and bullet's flight noise are impossible to eliminate. Flight noise of supersonic bullet is found to be useful in actual battle: Cracking sounds of bypassing bullets tend to bluff the enemy and so hide the position of a shooter, as muzzle blast, muzzle flash and other shooting signatures are eliminated with a suppressor. Shooting noise with a suppressor and full-power 9x19 mm cartridges is about as loud as a .22 rifle with high velocity ammunition.

If extra sound reduction is needed it may be necessary to use subsonic loads. Note: Subsonic loads with bullet weights less than 124 grains may not cycle reliably in an MP5. Typically 147 grain subsonic ammunition will cycle reliably in the MP5. Reflex Suppressors can also be used wet for extra decible reduction.

Mounting (Easy Bayonet Mount): The H&K MP5 submachine gun has three bayonet lugs (trilock) behind the muzzle. Ensure lugs and muzzle are undamaged, unaltered and not badly worn. Mounting is accomplished easily without special skills or tools.

Turn the suppressor's mount counter-clockwise a couple of turns to make sure the locking nut is opened enough to engage the trilock lugs. Slip the nut of the suppressor onto the muzzle and beyond the trilock lugs. Then rotate the suppressor clockwise. After 1/3 turns you should feel the lugs clutching in their slots inside the nut. Tighten the suppressor clockwise (approx 2 turns) until you will feel some resistance. This is a safety feature of the friction ring of the Easy Bayonet locking nut to prevent loosening. The friction ring also prevents loss of the nut when the suppressor is not mounted. The friction ring is a standard 20x2 mm O-ring and it can easily be replaced if it is worn or lost.

Caution: Do not overtighten the suppressor! Twist only hand tight. Overtightening will cause unnecessary wear of muzzle aligning surfaces and can result in unaligned mounting. **Never shoot with a loose suppressor!**

To disconnect, turn the suppressor counterclockwise a couple of turns while pulling it forwards (towards the muzzle). Now the lugs can be unclutched from their slots by pushing the suppressor towards the gun, then rotating the suppressor 1/3 turns counterclockwise and pulling it straight out of the muzzle.

With a new suppressor, the fit may be quite tight. Use some oil or grease to make mounting and dismounting easier.

Maintenance: The Reflex Suppressor is a practically maintenance free device. **The suppressor should be cleaned after each shooting session.** Remove the suppressor or leave the action open after use. This helps avoid corrosion by letting condensation from powder gases evaporate away. **A small amount of Break Free, Rig #2 or other light gun oil sprayed into the suppressor will prevent corrosion.** WD40 can also be used but tactical operators are advised that WD40 will cause a large smoke signature when the suppressor is next used. Normal fouling from powder and primers do not have an effect on the suppressor's functioning. Loose solid impurities like powder grains and carbon chips are easily removed by shaking the suppressor, while keeping it vertical, front end down. Washing with liquids or solvents is inadvisable.

Warning:

- Do not shoot shotshells, unstable projectiles or discarding sabot ammunition through a suppressor.
- Suppressors increase gas blow-back through the ejection port. Use shooting glasses to avoid eye damage.

Internet Owner's Manual: <http://www.canadiantactical.ca/Docs/MP5TrilockOwnersManual.PDF>

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