

MTW

AK

**OWNER'S MANUAL**



**WOLVERINE**  
AIRSOFT

DISRUPTIVE PERFORMANCE

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**Don't Forget to  
Register Your Warranty!**

Your MTW is backed by Wolverine Airsoft's limited warranty. Scan the QR code or visit [www.wolverineairsoft.com/warranty](http://www.wolverineairsoft.com/warranty) to read our full warranty and register your MTW.



## Important Safety Information



**Always wear safety goggles when using your Airsoft gun.**  
Portez toujours des lunettes de protection lorsque vous utilisez votre réplique. Utilisez siempre gafas protectoras cuando emplee su réplica.



**Select a safe place for operating the Airsoft gun. Avoid shooting in public places.**  
Choisissez un endroit sûr pour utiliser votre réplique à billes, évitez les endroits publics. Choisissez un lugar seguro para disparar la réplica. Evite lugares públicos.



**Do not look directly into the gun barrel.** Ne regardez pas directement dans le canon de votre réplique. No mire directamente hacia el canon de las réplicas.



**Never shoot holding the Airsoft gun side-ways as the BB pellets will curve (this is due to the hop-up system).** Ne tenez jamais la réplique de travers. Les billes peuvent partir à droite ou gauche. (Cela est dû au système de Hop-up). Jamais agarrar y disparar la réplica horizontalmente, por el sistema hop-up los proyectiles BB podran cambiar de dirección en el aire.



**Never aim or shoot at people or animals. Always set the selector on "safe" position [except when you are ready to shoot a target].** Ne visiez et ne tirez jamais sur une personne ou un animal. Veuillez régler le sélecteur sur la position sécurité [excepté lorsque vous êtes prêt à tirer sur votre cible]. Nunca apunte o dispare hacia personas o animales. Mantenga siempre el seguro en las posición "safe" hasta que este listo para disparar al blanco.



**Do not disassemble gun yourself. Always contact your local retailer.** Ne jamais démonter ou modifier votre réplique. Veuillez contacter votre revendeur d'airsoft pour toute question. No desarme la réplica usted mismo. Póngase siempre en contacto con el revendedor local.

**Proper handling of your replica is critical to the safety and well being of yourself and those around you. When in doubt follow the Four Rules of Gun Safety:**

1. Always treat every gun as if it was loaded.
2. Never point a gun at something you are not willing to destroy.
3. Keep your finger off the trigger until you have the weapon pointed at your target and are ready to shoot.
4. Be aware of the backdrop of your target. [i.e. what is behind your target in case you miss or the projectile over-penetrates].

**Every day our rights continue to be restricted because people are irresponsible and abuse them. Please be part of the solution, not the problem. Learn your local laws, how your equipment works, how to use it safely, and always exercise responsibility.**

**Always treat the airsoft gun as if it were loaded. Do not carry the airsoft gun in open view. Always transport the airsoft gun unloaded in a locked case. Do not openly brandish the airsoft gun, as this may be perceived by others [including law enforcement units] as a threat, and cause prompt reaction. Always use precision 6mm BBs for this airsoft gun. Never use any used or damaged BBs.**

Manipulez toujours votre réplique comme si elle était chargée. Ne pas porter cette réplique sur vous en public. Transportez toujours la réplique déchargée, dans une mallette verrouillée. Ne pas ouvertement brandir votre réplique, car cela peut être perçue par d'autres [y compris les unités de police] comme une menace, et provoquer des troubles à l'ordre public. Veuillez toujours utiliser des billes de précision avec votre réplique à billes 6mm. N'utilisez jamais de billes déjà utilisées.

Siempre trate la réplica como si estuviera cargada. No lleve la réplica en vista pública. Transporte la réplica descargada, en una funda cerrada. No blandir la réplica abiertamente, ya que esto puede ser percibido por otras personas [incluso unidades de la policía] como una amenaza, y provocar una reacción instantánea. Utilice siempre BBs 6mm para su réplica. Nunca utilice BBs disparados o dañados.

## Getting to know your MTW AK

Before you begin, please see the diagram below and familiarize yourself with each component. Your MTW AK may come with different components than picture below depending on the series and trim level.

### MTW AK-105



## Getting Started

Connect a 7.4 LiPo Battery (250 - 500 mAh) to the JST connector in the grip. Use the included grip plate to retain your battery.



Mount the regulator on your tank and set the pressure to 110 PSI. We recommend STORM Category 5 or other HPA regulator operating in the 60-160 PSI range.



Connect the gripline to your regulator with a standard HPA flex line with Foster type. Connect the two lines by pulling down on the collar of the Foster fitting and pushing the male fitting into the female.



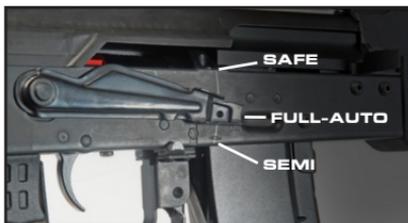
Load your magazine with 0.28g or higher BBs and hook the front of the magazine into the magwell. Rock the rear of the magazine into the magwell until the magazine locks into place. Press the mag release lever forward to release the magazine.



## Basic Operation

### Selector Modes

Set your selector mode to SEMI or FULL AUTO to begin firing. Always wear eye protection when operating your replica.



### Fire Modes / Profile Slots

Additional fire modes are preconfigured into five profile slots. You can cycle to the next slot by holding the trigger and charging handle for 5 seconds until you hear a beep.



For further customization, download the Wolverine Airsoft app from the Google Play or Apple App Store. For more information, see the BLINC Bluetooth FCU Owner's Manual.



### Hop Adjustment

To adjust the hop, pull the charging handle back to reveal the hop-up wheel. Rotate the wheel clockwise to increase the amount of hop and counter-clockwise to decrease it.



## Trigger Adjustment

To adjust the trigger, first remove the pistol grip using a 5mm hex key.



Find the trigger adjustment screw behind the trigger guard. Use a 1.5mm hex key to turn the trigger adjustment screw. Rotate the screw clockwise to shorten the pull and counterclockwise to lengthen it.



## Storage

When you have finished using your MTW AK, remove the magazine and make sure your barrel is empty and your MTW is depressurized by firing several shots. Disconnect the battery before storage.



## Maintenance

### Rust Prevention

Your MTW AK features steel components which may develop surface rust over time when exposed to moisture or humidity. To protect exposed metal surfaces, apply a light coat of gun grease using a lint-free cloth.



### Engine Maintenance

The INFERNO XTS HPA Engine should be removed and maintained every 20K to 50K shots. See the INFERNO XTS Owner's Manual for more information.



To remove the engine, first open the dust cover. Remove the charging handle assembly by unhooking the release switch from the two body receiver body screws. Rotate it upside down to remove the charging handle assembly.



The engine retention clip can be removed with a 2mm hex key. Note: Your MTW AK cleaning rod can be disassembled to reveal a 2mm hex key.



## Disassembly

### Hop / Inner Barrel

With the engine removed, use a 2mm hex key to loosen the 3 barrel retaining screws in the front trunnion.



Separate the front assembly from the trunnion and then remove the hop and engine. For more information on the hop, see the MTW Hop Owner's Manual.



### Upper Handguard

Rotate the upper handguard release lever up and orient the flat side of the cam facing forward. Use force to pull the handguard straight up. To replace it, orient the flat side of the cam forward, slide the handguard down, and then lower the switch to lock it in place.



### Lower Handguard

With the upper handguard removed, rotate the lower handguard release lever forward and then slide the retainer forward. Forcefully pull the handguard straight down to remove it. After reinstalling it, make sure to turn the lever back to the left.



### **Pistol Grip**

To remove the pistol grip, loosen the grip screw with a long 5mm hex key.



### **Stock**

Squeeze the stock adjustment lever sufficiently so that it clicks twice to remove it.



### **Buffer Tube / Wraith / Quake Stock**

Use a castle nut wrench to loosen the castle nut and then rotate the stock counterclockwise to remove it.



### **Picatinny Rail / Rear Sight**

Use a 3/32" hex key to loosen the nut as shown. Remove the trigger pin and then slide the rail out of the trunnion.



## **Selector Arm**

With the selector in the safe position, simply unscrew the selector arm screw by hand to remove it.



When reinstalling it, index with the selector arm as shown. Make sure the selector switch is indexed down so it can make contact with the FCU.



## **Need professional help?**

To find a retailer close to you visit:  
[www.wolverineairsoft.com/dealers](http://www.wolverineairsoft.com/dealers)



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