Automatic Electric Gun (A.E.G.)
Adjustable Hop Up
Metal Gearbox
Pre-Upgraded Internals

STAG - MOD4

Read Through Manual Before Use
Visit us at:
WWW.ECHO1USA.COM

-WARNING-
This AEG is FOR AGES 18 and above.

This AIRSOFT gun can cause serious injury if misused. Full face protection is required.

Please read through the MANUAL BEFORE USE to avoid damages and injuries.
It is your RESPONSIBILITY to know your local and state laws regarding the OWNERSHIP, USE and TRANSPORT of your airsoft gun. If you are unsure of the laws, contact your local law enforcement agency or state government.

- Wear full eye and face protection at all times when handling or using an airsoft gun.
- Always keep your airsoft gun pointed in a safe direction.
- Always keep your airsoft gun unloaded until ready to use.
- Always keep your finger off the trigger until you are ready to shoot.
- Know your target and what is beyond it.
- Know how to operate your airsoft gun. (Refer to your owner's manual)
- Use only the recommended BB’s in your airsoft gun.
- Never use alcohol or over-the-counter, prescription or other drugs before or while shooting your airsoft gun.
- Store airsoft guns so they are not accessible to unauthorized persons.
- Make sure your airsoft gun is unloaded and battery has been removed prior to cleaning and storage.
Parts of the Gun

STAG 15 Rifle
- Front Sight
- Flash Hider
- Removable Carry Handle
- Delta Ring
- Magazine Catch
- Trigger
- Selector Switch
- Solid Stock
- Motor Grip

STAG M4 Carbine
- Front Sight
- Flash Hider
- Removable Carry Handle
- Delta Ring
- Magazine Catch
- Trigger
- Selector Switch
- Adjustable LE Stock
- Motor Grip

Specs of the Gun

<table>
<thead>
<tr>
<th>Name of Gun</th>
<th>STAG M4 Carbine</th>
<th>STAG 15 Rifle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>6.3lb</td>
<td>6.3lb</td>
</tr>
<tr>
<td>Barrel Length</td>
<td>363mm</td>
<td>509mm</td>
</tr>
<tr>
<td>Overall Length</td>
<td>760mm</td>
<td>940mm</td>
</tr>
<tr>
<td>Barrel Caliber</td>
<td>6.08mm</td>
<td>6.08mm</td>
</tr>
<tr>
<td>Ammo Capacity</td>
<td>300 BB’s</td>
<td>300BB</td>
</tr>
<tr>
<td>BB Size</td>
<td>6mm</td>
<td>6mm</td>
</tr>
<tr>
<td>Feet Per Second</td>
<td>360-370fps</td>
<td>360-370</td>
</tr>
<tr>
<td>Battery Type</td>
<td>8.4v Mini</td>
<td>8.4v Large</td>
</tr>
</tbody>
</table>

Select Fire Modes

SAFE: Trigger is secure and cannot fire

SEMI: With one trigger pull one BB is fired

AUTO: Gun will fire automatically while trigger is pulled
Battery Installation

Charge the battery for 3 hours for the first time. When charging have the battery away from ALL COMBUSTIBLE MATERIALS and on cool hard surface. If battery becomes HOT remove from charger and let it COOL before use. When cycle rate becomes slow, STOP shooting and remove magazine. Shoot 2 times in SEMI to clear the gun, remove battery and recharge.

Models: STAG M4 RIS, Echo 1 614, MOD 4 CQB, ZOMBAT

To install the battery in the battery box follow these steps.

1. With the battery box on or off the gun remove the cap. Just pull no tools needed.
2. Insert the mini battery. Lead the plug through the exit hole in the cap.
3. Press the cap back on to secure.
4. Connect the plugs together and make sure they are secure.

CAUTION: Do not over tighten or lose this part for the battery box attachment.

Models: STAG M4 Carbine and Commando

To install the battery in the hand guard follow these steps.

1. Pull the delta ring back and pull down on bottom hand guard panel.
2. Place the battery into the hand guard. Make sure the plugs CLICK and are secure.
3. Make sure extra wire is moved out of the way and not pinched.
4. Slowly put the hand guard back into place and be careful of the wires and battery. This should go back together without forcing it in place.

Models: STAG TC, RC, DMR, VN and REC 7

To install the large battery in the stock follow these steps.

1. To access the battery compartment pull down on the tab and the door will unlock and open.
2. Gently pull the wire out and slide the battery in.
3. Connect the plugs, make sure they are secure. Slide the battery in the rest of the way.
4. Once the battery is inside, close the door and make sure it clicks and lock shut.

*Keep the wire and fuse at bottom of stock.
How to use the Magazine

1. Press the magazine release to remove the magazine.
2. Open the top hatch and pour bb's. About 300 bb's can be loaded, do not force bb's.
3. Close the hatch.
4. Hold the mag with the BB top hatch facing up and turn the gear. You will see BB move to the stopper lever. Once BB's have reached stopper lever continue to wind magazine for approximately 15 more turns.

Avoid getting dirt and debris into the magazine. This can cause it to malfunction.

Tips for operation:
Use caution when mag seems empty. There are 30 bb's left in the loading tube. Wind/Turn the gear approximately 7-10 times, every 30-50 bb's fired.

For storage release the remaining BB's to ensure correct operation next time, by pulling gently back on the BB stopper lever.

Maintenance

How to clean the barrel
Cotton Cloth

10mm
20mm

Wind the cloth

Cut the cloth in the size as shown above and insert one end into the hole in the rod. Adjust the length of the cloth to smoothly enter the barrel.

CAUTION:
Turn the hop up wheel to normal/OFF. (see Hop Up page)

CAUTION:
The barrel is a precision part and firing used BB's will cause damage.

1. Spray silicon oil into the hop up chamber from the mag well for 1 sec. and fire 20-30 BB's to oil inner barrel and hop up parts.
2. IMPORTANT: make sure the magazine and battery are removed from the gun before step 3.
3. With a twisting motion gently push the cloth and rod down the barrel. May need to use 2-3 cloth strips.

NOTE: If oil is still in barrel the BB trajectory will be unstable for 20-30 rounds.

Jammed BB
If gun is jammed with a BB follow these steps.
1. Switch gun to SAFE, remove MAGAZINE and BATTERY.
2. Turn hop up to NORMAL/OFF.
3. Use the angled end of the cleaning rod to push the BB backwards and out through the loading chamber.
4. Make sure to have the angled end as shown in figure, silicon oil will help loosen BB.
5. Continuing firing with BB jammed will cause severe damage to your AEG.
ECHO 1 User Manual

Adjusting the Hop Up

When adjusting the hop up make sure your shooting area is clear and safe to shoot. If the hop up is too high it may jam and damage the gun.

Forward assist knob has no function

Pulling the charging handle opens the dust cover. Once opened it must be closed manually.

Make sure dirt and debris does not get into the hop up.

The hop up settings will react differently with .20g, .25g, and above BB’s. You will need to make minor adjustments depending on the weight of BB you choose to shoot. See illustration above.

1. Squeeze
2. While squeezing pull back

1. Press down.
2. Pull hook back

Left/Right Adjustment

Up/Down Adjustment

Flip Sight

Carry Handle Thumb Screw

Hop Up Wheel

Turn OFF
ON

Hop up Wheel
## Trouble Shooting

<table>
<thead>
<tr>
<th>What is the gun doing?</th>
<th>How to fix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gun is making a clicking noise but not shooting.</td>
<td>Use a fully charged battery to unlock the gears.</td>
</tr>
<tr>
<td>The trigger is stuck and won't pull back in SEMI.</td>
<td>Switch the selector to FULL, fire 2-3 rounds and switch back to SEMI.</td>
</tr>
<tr>
<td>No power or noise coming from the gun.</td>
<td>Fuse may be blown. Replace with a 20A or 25A fuse found at most auto stores.</td>
</tr>
<tr>
<td>Grindy/Scratchy noise when shooting.</td>
<td>Motor height is too high/low. Turn alien screw at bottom of motor grip left or right until sound goes away.</td>
</tr>
<tr>
<td>Jamming or not shooting BB's.</td>
<td>Barrel is jammed, please check page 3.</td>
</tr>
<tr>
<td>Not working after troubleshoot.</td>
<td>Contact <a href="mailto:info@echo1usa.com">info@echo1usa.com</a> on our site for more help.</td>
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</tbody>
</table>