



Instruction Manual



BEFORE USING THIS PRODUCT, CAREFULLY READ THROUGH MANUAL AND RETAIN IT FOR FUTURE REFERENCE. ECHO1USA AUTOMATIC ELECTRIC GUNS ARE INTENDED FOR AGES 18 AND ABOVE. THIS PRODUCT MAY CAUSE SERIOUS INJURY IS MISUSED. FULL FACE PROTECTION IS REQUIRED.

RedStar IGOR

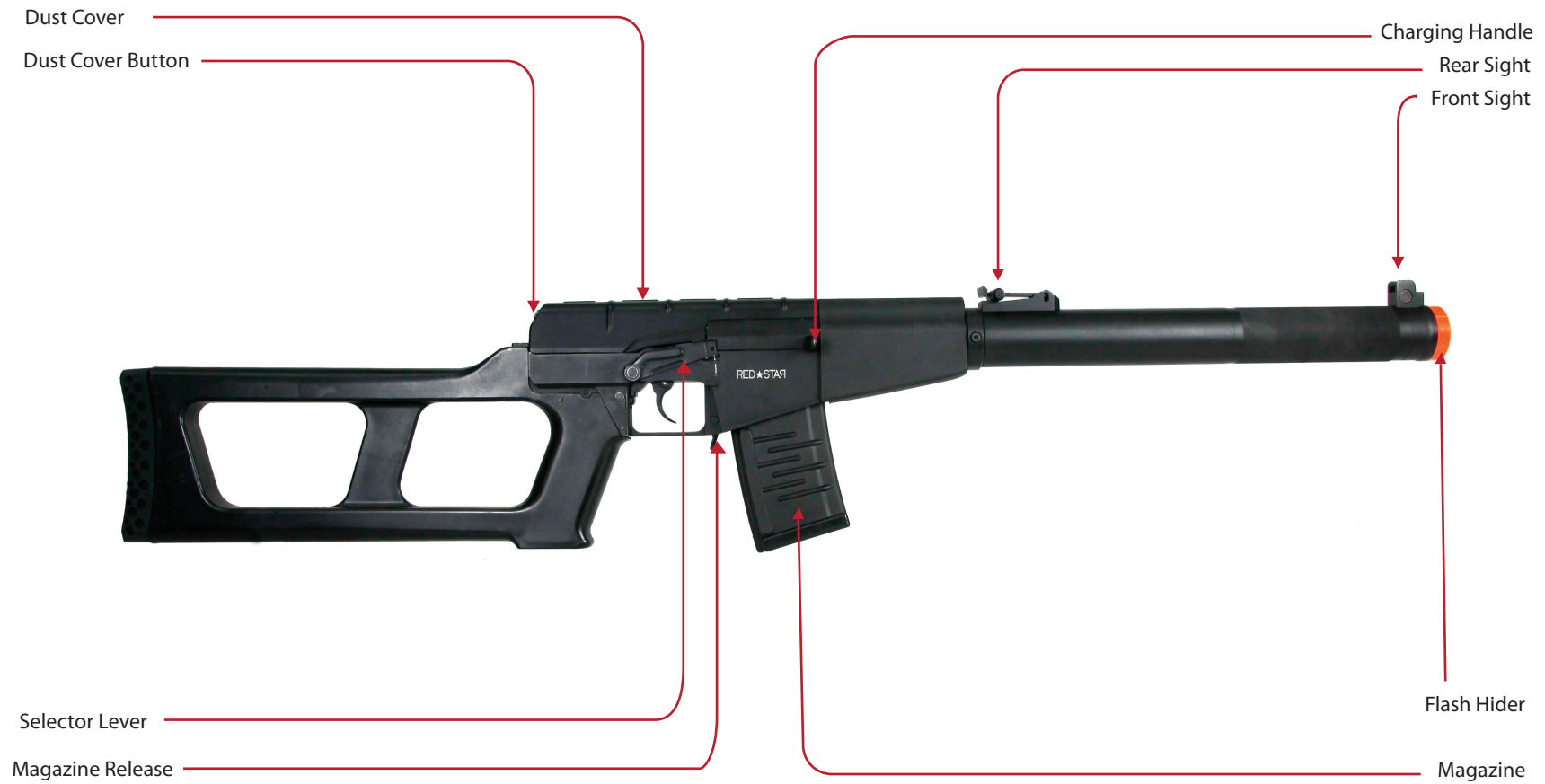


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Specifications

Weight	5.5 lbs
Barrel Length	428 mm
Overall Length	37.5 in
Barrel Caliber	6.05 mm
Ammo Capacity	150 rounds
BB Size	6 mm
Feet Per Second	380-390 fps
Battery Type	9.6v Stick

Parts of the Gun



Tampering with or removing the blaze orange flash hider will void all warranties.

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Fire Selection



SAFE:
Trigger is secure and cannot fire



AUTO:
Gun will fire automatically while trigger is pulled



SEMI:
With one trigger pull one BB is fired

Operational Tips:

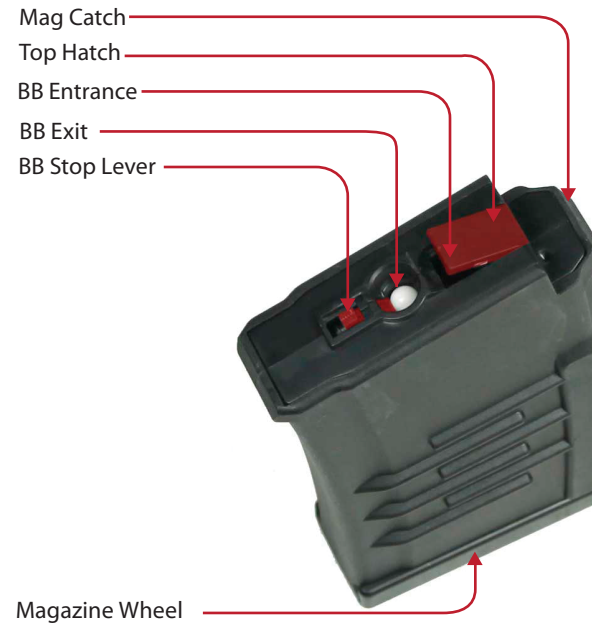
If the trigger is stuck or jammed in SEMI mode please select AUTO and fire several times to reset the cut off lever. Low battery power can cause this jam.

The Fire Selectors will move with ease. Forcing the Fire Selectors may cause damage.

How to use the Magazine

Avoid getting dirt and debris into the magazine this can cause it to malfunction. Only use Echo1USA BBs into your Echo1USA Airsoft Rifle. The use of .12g or 'low grade' BBs will damage your Airsoft Rifle and VOID the warranty.

1. Press the magazine release to remove the magazine from the gun.



2. Open the Top Hatch and load BBs. About 600 BBs can be loaded.
Do not force the BBs into the magazine

3. Close the Top Hatch.

4. Hold the Mag with the BB Top Hatch facing up and turn the Mag Wheel.
You will see a BB move to the BB Exit and stop. Once a BB has reached the BB Exit continue to turn the Mag Wheel for approximately 15 more turns.

Operation Tips:

Use caution when mag seems empty.

There are about 30 BBs left in the loading tube even after mag is out of BBs.

Turn the Mag Wheel 7-10 times for every 30-50 BBs fired.

Turning the Mag Wheel may cause damage.

For storage pull back on the BB Stop Lever to release the remaining BBs and ensure proper operation for next use.

If the mag is not feeding correctly please apply silicone oil to the Mag Wheel and into the BB Entrance to lubricate the moving parts.

Scope Rail

The optional scope rail has a front and rear setting for more optic choices. The top rail is able to fit a wide selection of optics.



You can purchase the scope rail from the Echo1 Parts Shop by searching for 'Igor Scope Rail'



The mounting system is adjustable. The orange bracket will press against the rail on the side of the rifle. The red nut is able to be tightened to ensure a tight fit. To adjust the fitting you will have to press the orange section up and manually turn the red nut to fine tune the mount.



Once you have a snug fit with the adjustable mount you can slide the rail on from the back of the rifle. Have the throw lever 'open' and slide to the desired spot and then move the lever to the 'lock' side to secure.

Hop Up Unit Adjustment

The Hop Up Unit adds a back spin to the BB to allow a longer flight path. Before use please do so in a safe location and make sure nobody is behind the target. When using different weight BBs you will have to make adjustments. When not in use please turn the Hop Up Unit off.

Step 1. To access the Hop Up Unit pull back the Charging Handle.



Step 2. To add more hop you will slide the bar back and to turn off the hop up unit or to lessen you will slide it forward.

Hop Up Unit Cleaning

How to clean the inner barrel.

Turn Hop Up Unit OFF - Disconnect Battery - Remove Magazine



Cut the cloth or paper towel in the size as shown above. Fold the material to fit through the loop. Adjust the length of the material to smoothly enter the barrel. otherwise too much material will get jammed in the inner barrel and can cause the hop up bucking to get out of place.

1. Spray silicone oil into the hop up chamber from the waggwell for 1 sec. and fire 10-15 BBs to oil inner barrel and hop up parts.
2. Fire 2 shots with magazine removed to clear gun of BBs and disconnect battery.
3. With a twisting motion gently push the cloth and rod down the barrel. repeat 2-3 times until clean

NOTE:

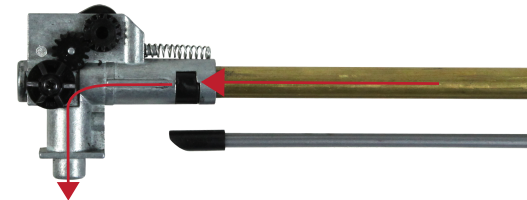
You can apply silicone oil directly to the cloth as well.

If there is too much oil in barrel the BB trajectory will be unstable

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How to unjam the gun.

Turn Hop Up Unit OFF - Disconnect Battery - Remove Magazine



1. Use the Angled end of the cleaning rod to push the BB backwards and out through the Hop Up Unit.
2. Make sure to have the angled end facing down and silicone oil will help loosen the BB.

NOTE:

If you continue to fire the gun with a jam you will cause more damage.

Battery Charging

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

Basic Charge Time:

Battery: 1100 mAh / Charger: 250mAh = Estimated Charge Time: 5 Hours.

Battery Installation

Step 1. Use a Phillips screw driver to remove the 2 screws that secure the rubber butt pad. Please do not lose the screws or over tighten them.



Step 2. Insert the 9.6v stick battery into the bottom of the stock. Make sure it slides in easily.

Step 3. The fuse and plug will be located on the top section of the stock. Plug in and place the fuse in the center section of the stock.



Tip: The rear sling loop has a reinforced backing and there is a matching cut in the rubber butt pad for installation.

Tip: Make sure the battery is able to move back and forth and not jammed into the gun.