



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

PLAY SAFE
PLAY HARD
PLAY ECHO



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.

ECHO 1 User Manual

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 owners 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

SOCOM 16



Specs of the Gun

Name of Gun	SOCOM 16
Weight	8.5lb
Barrel Length	420mm
Overall Length	950mm
Barrel Caliber	6.08mm
BB Capacity	280BB
BB Size	6mm
Feet Per Second	360-370fps
Battery Type	8.4v Large

Selector Modes



SAFE:
The gun should not fire when trigger is pulled.



SEMI:
One bb is fired with each trigger pull.



FULL AUTO:
Gun will fire continuously while trigger is pulled.

How to Install The Battery

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.



STEP 1: Gently raise the shoulder rest to access the battery door. If these parts are stuck do not force them in place, use silicon oil to fix.



STEP 2: Open the battery door by pulling the latch. Extend the stock wire. Make sure not to pull the wire out of the stock.



STEP 3: Raise the stock wire to the top of the opening and insert the large battery. Do not force the battery inside. Connect the plugs before the battery is all the way inside.



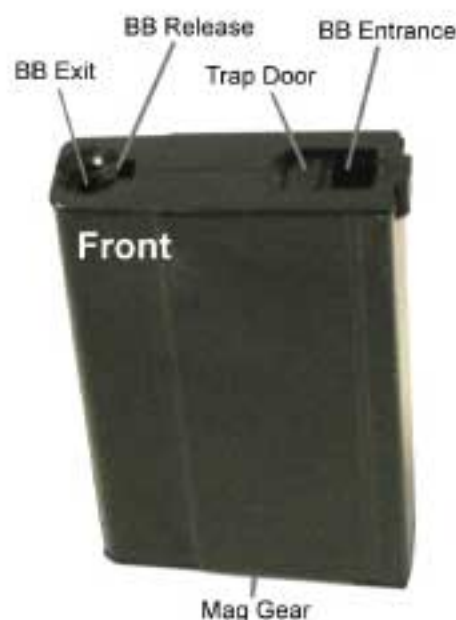
STEP 4: With the battery inside the stock gently bend the wires to make the plug and fuse holder fit inside. If done correctly there is plenty of room to spare.

How to Use the Magazine



Insert the magazine into the mag well. On the front of the magazine have it pivot and pull back to lock into place. Listen for a click. If the mag is not inserted correctly the mag will fall out during use.

LOADING THE MAGAZINE



STEP 1: Open the trap door and pour 270 bb's into the bb entrance. Do not force the bb's inside.

STEP 2: Close the trap door and turn the mag gear several times until bb's are present by the bb exit. Insert magazine into gun .



Operational Tips:
Keep dirt and debris out of the magazine.
Turn the mag gear 7-10 times for every 15-20 bb's shot.
Do not over turn the mag gear or damage may occur.

The Hop Up System



CAUTION:

Before adjusting and testing the hop up go to a safe location to fire the gun. Always look past your target to see where the bb's will go if you miss. Safety first.

STEP 1:

Remove the magazine to easily adjust the hop up.

STEP 2:

By turning the wheel you are able to make the bb fly further by adding more 'Hop' or backspin to the bb.

STEP 3:

Insert the magazine. Shoot 3-5 bb's to see the range.

STEP 4:

Once the range is set to the best you are ready for play.

Operational Tips:

- Keep dirt and debris out of the hop up unit and chamber.
- Do not use force to adjust the wheel.
- If the hop up is on too much jamming may occur.
- Only use silicon oil when range decreases.



Cleaning and Unjamming

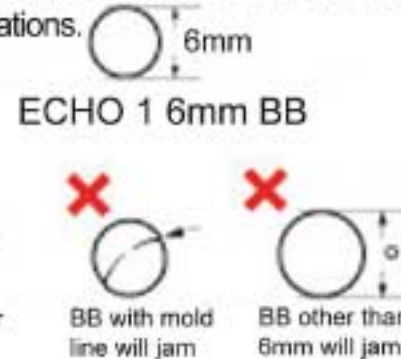
How to clean the barrel



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.

IMPORTANT:

Use only ECHO 1 BB's or BB's of equal quality consult your authorized ECHO 1 dealer for recommendations.



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.

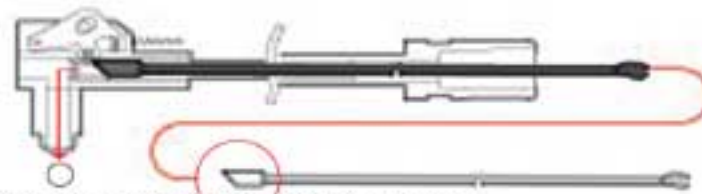
1. Spray silicon oil into the hop up chamber from the mag well for 1 sec. and fire 20-30 BB's to oil inner barrel and hop up parts.
2. **IMPORTANT:** make sure the magazine and battery are removed from the gun before step 3.
3. With a twisting motion gently push the cloth and rod down the barrel. May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

Trouble Shooting

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

