CAUTION & WARNING

User restricted to 18 years of age or older!

Always read through this manual before operation!

HANDLING CAUTIONS AND INSTRUCTION MANUAL
CONTENT

1 HISTORY P.03
2 PROFILES P.04
3 COMPONENT NAME P.05
4 SELECTOR LEVER & SAFETY SETTING P.06
5 SETTING THE BATTERY P.07
6 LOAD THE MAGAZINE P.08
7 ADJUSTABLE SIGHT P.09
8 MOVABLE PARTS P.11
9 FIRING P.14
10 VARIABLE HOP-UP SYSTEM P.16
11 TROUBLE CLINIC P.18
12 FRONT-END SET PART LIST P.19
13 RECEIVER SET PARTS LIST P.21
14 REAR-END SET PARTS LIST P.22
15 MOVEABLE PARTS LIST P.23
16 AFTER SERVICE P.24
17 PARTS AND ACCESSORIES P.25

WARNING
Always read through this manual before operation

- KEEP OUT OF REACH OF CHILDREN.
- All persons in range must use eye protection when gun is in use.
- Failure to obey all local laws in the use of this replica may result in severe punishment.
- Always point the gun in a safe direction.
- Keep your finger off the trigger until you are ready to fire.
- Never look directly into the gun muzzle.
- Never aim or shoot at persons, animals, or objects.
- Never shoot in or towards public areas.
- Always transport the gun inside of a secure bag or container.
1 HISTORY

The M4 and variants fire 5.56x45mm NATO ammunition and are gas-operated, air-cooled, magazine-fed, selective fire firearms with a 4-position telescoping stock. Original M4 models had a flat-ended telescoping stock, but newer models are now equipped with a redesigned telescoping stock that is slightly larger with curvature at the end. The M4 is similar to much earlier compact M16 versions, such as the 1960s-era XM177 family. Some of those visual designs are obvious in both weapons, however most of the similarities are not very noticeable.

As with many carbines, the M4 is handy and more convenient to carry than a full-length rifle. The price is slightly inferior ballistic performance compared to the full-size M16, with its nearly 6” longer barrel. This becomes most apparent at ranges of 300 yards and beyond. Statistically, however, most small-arms engagements occur within 100 yards. This means that the M4 is very much an adequate weapon for the majority of troops. The marginal sacrifice in terminal ballistics and range, in exchange for greatly improved handling characteristics, is usually thought to be a worthwhile compromise.

While the M4’s maneuverability makes it a candidate for non-infantry troops (vehicle crews, clerks and staff officers), it also makes it ideal for close quarters combat (CQC), and airborne and special operations, which is the most popular usage for the weapon. It has been adopted by United States Special Operations Command (USSOCOM) and is the preferred weapon of the U.S. Army Special Forces and Navy SEALs. M4’s have also been fielded by the Australian Special Air Service Regiment. Malaysia purchased M4 Carbine service rifles to replace the Steyr AUG service rifles in its armed forces in 2006 and will be manufactured in Malaysia under license by SME Ordnance Sdn Bhd. It is expected that the M4 will be adopted by law enforcement agencies in Malaysia, such as the Royal Malaysian Police and the Malaysian Maritime Enforcement Agency.

The M4 was developed and produced for the United States government by Colt Firearms, which has an exclusive contract to produce the M4 family of weapons through 2009; however, a number of other manufacturers offer M4-like firearms. The M4A1, along with the M16A4, has mostly replaced the M16A2; the U.S. Air Force, for example, plans to transition completely to the M4 Carbine.

The United States Marine Corps has ordered its officers (up to the rank of lieutenant colonel) and (senior) Staff Non-commissioned officers to carry the M4A1 carbine instead of the M9 handgun. This is in keeping with the Marine Corps motto, “Every Marine a rifleman.” United States Navy corpsmen will also be issued M4A1s instead of the M9.

2 PROFILE

As the simple living has become the world trend, the concept of Economic, Enough, Valuable, has become a new mainstream consumer, VFC naturally should have not stay outside in with this trend. Thus, E Series has become the VFC year of 2009 mainly product lines.

VFC is different from the past, invariably to meet the luxury demand of Heavy User. E Series is about the high cost/performance to Economic, Enough, Valuable, for the entire idea of the product. In other words, Take an affordable price in order to provide users with a useful electric gun.

Appropriate adjusted the part of the process, the process has oversimplified, also to omit excessive packaging; however, the entire product of the metal parts remain metal, the place is still as real steel without losing quality and detail. The most important part of AEG, GEAR BOX SYSTEM does not compromise because it’s cheaper. We still use precision CNC machining of 8mm gear box, with high-strength pistons and steel gear, making the former settings can be directly using the Li-poly battery. Therefore, the E Series AEG is not only high rate of fire (ROF), high performance, easy to use, but also easy to upgrade. E Series to represent the excellent in value of price, but without losing quality, even greater durability, practical and truly able to meet the majority of players on the VFC brand demand.
3 COMPONENT NAME

Right Side

- Stock
- Rear Sight
- Port Cover
- Front Sight
- Flash Hider
- Pistol Grip
- Magazine Release Button
- Magazine
- Tactical Pistol Grip
- Cover Panel

Left Side

- Front Sight
- Delta Ring
- Bolt Catch
- Carry Handle
- Retractable Stock
- Barrel
- Handguard
- Lower Receiver
- Trigger
- Selector Lever
- Stock Release Button

4 SELECTOR LEVER & SAFETY SETTING

Safety Setting
(The trigger can not be pulled)
Always set lever to SAFE position when gun is not in use.

Semi Auto
(Single Shot)
The gun will fire one shot each time the trigger is pulled.

Full Auto
(Automatic Shot)
The gun will fire continuously while the trigger is depressed.

WARNING • CAUTION
- Do not operate the selector lever while the trigger is depressed. Damage and malfunction will occur if you attempt to do so.
- Do not pull the trigger while the selector is on SAFE. Doing so will damage the trigger and safety mechanisms.
5 SETTING THE BATTERY

- Handguard Type
  1. Remove the handguard, then plug the battery.

- Fixed Stock Type
  1. Remove the Stock and open the cap
  2. Plug the battery.

- SOPMOD Stock Type
  1. Remove the Stock and open the cap
  2. Plug the battery.

6 LOAD THE MAGAZINE

Press the magazine release button to remove the magazine.

Use only 6mm plastic BB bullets with the magazine. The magazine will hold up to 300 BB bullets.

WARNING • CAUTION
- Always use high quality 0.20 gram or heavier BB bullets in your airsoft rifle.
- We will not be held responsible for any damage or incidents arising from use of poor quality or underweight BB bullets.
- Consult with your dealer for proper BB bullets.

Make sure to set the magazine upwards and connect it firmly until a click sound is heard.
7 ADJUSTABLE SIGHT

- **the Front Sight**

  Lift the sight when using.

  - Clockwise: Down the sight post.
  - Counterclockwise: Up the sight post.

- **Use the Rear Sight**

  Lift the rear sight when using.

- **Adjustment the Windage Knob**

  Turn the windage knob for windage adjustment.

  - Forward: Move the sight to the right.
  - Backward: Move the sight to the left.
  - Forward: Up the sight.
  - Backward: Down the sight.
  - The sight can be flip up and down.

  Take care not to catch your fingers in moving parts.
8 MOVABLE PARTS

A. Operate the Telescoping Stock

Press the stock release button, then adjust the stock position.

Press Here

B. Cover Panel

1. Press here
2. Push

Pressing the front clips of the rail cover panel toward the center.
Simultaneously, push the rail cover panel forward and it can be taken out.

C. Forward Grip

The knob under the forward pistol grip face down the grip, twist clockwise and then the grip can be taken out.

Optional parts

D. Carry Handle

Carry handle can be taken down.

Optional parts
E. Charging and Bolt Catch

The Charging handle can be pulled and the dummy bolt will be fastened.

To Release bolt, just press the bolt catch.

WARNING • CAUTION
• Be carefully and don’t get hurt when press the bolt catch.

9 FIRING

Set the Selector lever to “SEMI” or “AUTO”.

Semi Auto
(Single Shot) The gun will fire one shot each time when the trigger is pulled.

Full Auto
(Automatic Shot) The gun will fire automatically while the trigger remains pulled.

1. Set the selector lever to Semi-Auto or Full Auto.
2. Pull the trigger.

WARNING CAUTION
• Confirm selector is off SAFE before firing the gun.
• Pulling the trigger while the selector is on SAFE will damage the gun and cause it to malfunction.

CAUTION
• Never put your finger on the trigger unless you are ready to shoot.
After Operation
- Point the gun in a safe direction, remove the magazine and fire the gun in semi auto mode to clear the barrel and release the internal spring. Then set the selector to SAFE.
- Be aware a BB bullet may still be in the barrel after the magazine is removed, or if the magazine is empty.

Cautions on Motor and Battery
- If the rate of fire noticeably drops, recharge the battery or replace with a fully charged one.
- Give the air gun a rest for 5 to 10 minutes after firing about 500 rounds, in order to ensure long service lives of the motor and battery.

When Bullets Are Clogged
- If a BB bullet jam occurs, remove the magazine, and remove the jammed BB bullets with a cleaning rod. Apply a few drops of 100% silicone oil into the chamber and resume shooting. If jamming problems persist, contact your nearest authorized dealers for service.

10 VARIABLE HOP-UP SYSTEM

⚠️ Be careful not to catch your fingers in the dummy bolt.

By giving rotation of the fixed direction to BB bullet, a lift is given and it flies horizontally toward a long distance target. Variable Hop-Up system can tune finely that a spin starts.

WARNING • CAUTION
- Never use WD40, CRC556 or other mineral oil.
- Please read the warning on page 1 before shooting.

WARNING • CAUTION
- Too much hop up may cause BBs to jam. If a jam occurs, immediately dial back the hop up and test fire again. Otherwise, damage and malfunctions will occur with the gun.

- Open bolt to adjust the Hop-Up system.
- Gradually turn the adjustment dial towards Hop to give hop up to bullets. (The best setting is where bullets fly horizontally.)
- Turning excessively adversely affects the trajectory. So, stop turning the dial when bullets fly horizontally.
### 11 TROUBLE CLINIC

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Cause</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No operation at all</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Selector lever is set to safety</td>
<td>Set the selector lever to fire.</td>
<td></td>
</tr>
<tr>
<td>Battery is not charged.</td>
<td>Charge the battery</td>
<td></td>
</tr>
<tr>
<td>Battery connector is disconnected.</td>
<td>Connect the connector</td>
<td></td>
</tr>
<tr>
<td>The + and - of battery connector is reversed.</td>
<td>Connect the connector correctly</td>
<td></td>
</tr>
<tr>
<td>Fuse is blown out.</td>
<td>Replace the fuse</td>
<td></td>
</tr>
<tr>
<td>Although motor is revolving gun doesn’t fire</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bullets are clogged inside the magazine</td>
<td>Insert the charging cord into the magazine</td>
<td>Move it up and down a few times</td>
</tr>
<tr>
<td>Bullets are clogged in the chamber</td>
<td>Times to remove clogged bullets</td>
<td>Remove clogged bullets using the cleaning</td>
</tr>
<tr>
<td>Faulty gear</td>
<td>Purchase the replacement gear from your</td>
<td>rod</td>
</tr>
<tr>
<td></td>
<td>dealer or VFC and repair</td>
<td></td>
</tr>
<tr>
<td>Malfunction of full auto operation (automatic firing)</td>
<td>Insufficient battery power</td>
<td>Charge the battery</td>
</tr>
<tr>
<td>Faulty bullet feed of magazine</td>
<td>Faulty bullet feed of magazine</td>
<td>Repair clogging of the magazine</td>
</tr>
<tr>
<td>Malfunction of semi-auto operation</td>
<td>Poor electrical connection</td>
<td>Consult your dealer or VFC for overhaul</td>
</tr>
<tr>
<td>Poor electrical connection</td>
<td>Maintenance or repair</td>
<td></td>
</tr>
<tr>
<td>Malfunction of semi-auto operation (single shot)</td>
<td>Insufficient battery power</td>
<td>Charge the battery</td>
</tr>
<tr>
<td>Poor electrical connection</td>
<td>Consult your dealer or VFC for overhaul</td>
<td>Maintenance or repair</td>
</tr>
<tr>
<td>Automatic firing cycles become slow</td>
<td>Insufficient battery power</td>
<td>Charge the battery</td>
</tr>
<tr>
<td>Shooting distance becomes shorter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Worn or damaged chamber packing</td>
<td>Consult your dealer or VFC for overhaul</td>
<td></td>
</tr>
<tr>
<td>Worn or damaged piston packing(O-ring)</td>
<td>Maintenance or repair</td>
<td></td>
</tr>
<tr>
<td>Deteriorated piston spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faulty BB bullets (too small or heavy)</td>
<td>Use the genuine VFC BB bullets</td>
<td></td>
</tr>
<tr>
<td>Shortage of Silicone oil</td>
<td>Drop a few drops of silicone oil from</td>
<td></td>
</tr>
<tr>
<td></td>
<td>under the chamber</td>
<td></td>
</tr>
<tr>
<td>Gear problems caused by excessive blank firing</td>
<td>Consult your dealer or VFC for overhaul</td>
<td></td>
</tr>
<tr>
<td>Overly loud operating noise</td>
<td>Maintenance or repair</td>
<td></td>
</tr>
<tr>
<td>Worn of damaged gear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bullets falling out from barrel end</td>
<td>Consult your dealer or VFC for overhaul</td>
<td></td>
</tr>
<tr>
<td>Gear problem caused by excessive blank firing</td>
<td>Maintenance or repair</td>
<td></td>
</tr>
<tr>
<td>Worn or damaged chamber packing</td>
<td>Use the genuine VFC BB bullets</td>
<td></td>
</tr>
</tbody>
</table>

---

**When HOP-UP is Improper**

- Too much hop-up: (Return the lever toward NORMAL)
- Best position: Not enough hop-up (Move the lever toward HOP)
- Too much hop-up: (Return the lever toward NORMAL)

- Forward Hop-Up, pellet will float up.
- Backward Hop-Up, pellet will fall down.

**WARNING • CAUTION**

- Never hold the gun sideways as the BB bullets will curve right or left. This is due to the Hop-Up system.
- When about 10,000 rounds are fired, spry 100% silicone oil to the chamber for 0.5 to 1 sec.
FRONT-END SET PART LIST

01 V99-HFR-M4-01 M4 Flash Hider
02 V99-HFR-VLT-01 Vstor type Flash Hider
03 V99-HFR-M4-2000-01 M4 2000 Flash Hider
04 V99-HFR-AAACMK16-01 M.A16 Flash Hider
05 V99-HFR-SB-01 SB Flash Hider
06 V99-HFR-OPS-01 Mark 12 OPS Flash Hider
07 V99-FST-M4-ZN01 M4 Front Sight Base
08 V99-FST-SR16-ZN01 Knight type Flip-up Front Sight with Gas Block
09 V99-GSK-KAC-01 Knight type Gas Block
10 V99-BRL-M4E66-AL01 6.5” Outer Barrel (Baby M4)
11 V99-BRL-M4E76-AL01 7.5” Outer Barrel (Defender)
12 V99-BRL-M4E85-AL01 8.5” Outer Barrel (Quake)
13 V99-BRL-M4E106-AL01 10.5” Outer Barrel
14 V99-BRL-M4E145-AL01 14.5” Outer Barrel
15 V99-BRL-MK12E180-AL01 18” Outer Barrel (Mark 12)
16 V99-BRL-M4E200-AL01 20” Outer Barrel
17 V99-BRL-IN168-01 168mm Inner Barrel (Baby M4)
18 V99-BRL-IN208-01 208mm Inner Barrel (Defender)
19 V99-BRL-IN250-01 250mm Inner Barrel (Quake)
20 V99-BRL-IN275-01 275mm Inner Barrel
21 V99-BRL-IN308-01 308mm Inner Barrel
22 V99-BRL-IN475-01 475mm Inner Barrel
23 V99-BRL-IN509-01 509mm Inner Barrel
24 V99-SPL-M4-210 M4 Gas Tube
25 V99-GPN-M4-350 M16A2 Gas Tube
26 V99-GPN-M4-185 E Series URX 7” Gas Tube
27 V99-GPN-M4-325 E Series URX 12.7” Gas Tube
28 V99-HGD-JRKX37-BK01 E Series URX 3.7” Handguard
29 V99-HGD-JRKX70-BK01 E Series URX 7” Handguard
30 V99-HGD-JRKX95-BK01 E Series URX 9.5” Handguard
31 V99-HGD-JRKX127-BK01 E Series URX 12.7” Handguard
32 V99-HGD-M4-04 M4 Delta Ring
33 V99-HGC-M4-01 M4 Handguard Cap
34 V99-HGC-M4-02 M16A2 Handguard Cap
35 V99-HGD-M4-01 M4 Plastic Handguard
36 V99-HGD-M4-05 M16A2 Plastic Handguard
37 V99-HGD-RIS-01 Knight type RIS Handguard
38 V99-HGD-RAS120-BK01 Knight type RAS PP Rifle Length

ECONOMIC / ENOUGH / VALUABLE
LIMITED WARRANTY

Vega Force Company (VFC) warrants the AEG against defects in materials and workmanship for a period of one month or 30,000 rounds BB bullets shoot from the date of original purchase ("Warranty Period").

Warranty coverage: Internal parts of gearbox. The cosmetic parts and electric motor are not cover by warranty.

We inspect and test each product before delivery to customer. In warranty period, the repair service will be provide by ours certify technician after determine the problem or damage defects in materials and workmanship.

This warranty does not apply: (a) to damage caused by accident, abuse, misuse, misapplication, or non-VFC products; (b) to a product or a part that has been modifed without the written permission of VFC or his agent; or (c) to no register your series number with VFC with in 7 days of purchase date; (d) to if any VFC serial number has been removed or defaced; or (e) disassembly or modify by unauthorized person. (f) to the products not purchase from VFC authorize dealer with valid warranty card.

MAINTENANCE & REPLACEMENT PARTS

The Hop-Up bucking and few parts will be recommended to change each 30,000 rounds BB bullets shoot.

We may unable to provide match series number on replacement parts.

If you unable to obtain locally, Please check http://www.gb-tech.com.tw for more information.
M4 SERIES
ACCESSORIES

According to law, this website provides outer kits information which related to toy products is for collection ONLY. NO modify introduction. We also condemn any illegal activities.