



**G&G ARMAMENT**  
AIRSOFT GUNS & ACCESSORIES

# GR16 CARBINE PLASTIC

6mm Electric Semi / Full Auto System

# INSTRUCTION MANUAL

WWW.GUAY2.COM Manufactured by G&G Armament Printed in Taiwan

## COMPONENTS



## WARNING !!

- Adult supervision required.
- Always wear safety goggles when using this product.
- Misuse or careless handling of this product may cause injury.
- May be hazardous up to 50 meters.
- This product is intended for users 18 years or older.
- Read all instructions before using this product.
- The buyer and the user of this product shall adhere to all local laws regulating the usage and the ownership of airsoft guns.



## INSTALLING BATTERY

### CAUTION

1. Please select quality battery with the CE approval, to avoid any unnecessary damage on your product.
2. Please use 9.6V or 8.4V battery. If you use different voltage battery, it may damage the airsoft gun.
3. Remove battery from device when not in use.
4. Charge with the same type charger.
5. Do not wet or incinerate battery, or deform positive cap.



1. Charge up the battery.
2. Charging will be completed after 3 hours.



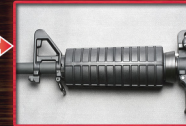
1. Pull the Slip Ring and hold.
2. Disassemble the Lower Handguard.



Connect battery plug with the Connector



1. Pull the Slip Ring and hold.
2. Reinstall the Lower Handguard.



## SETTING THE MAGAZINE

### CAUTION

It is strongly recommended the use of G&G BB pellets only. Using low quality BB pellets will shorten product life span and void product warranty.



Open the cover plate on the Magazine



Load the BBs.



Close the cover plate then turn the gear until the sound change.



Insert the magazine.

## SELECTOR & SAFETY SETTING



Safe mode



Semi mode



Auto mode

## CHARGING HANDLE & BOLT



Pulling the charging handle will take the bolt back and open the port cover.



The forward assist knob can be pressed in.



Fasten the bolt back to adjust Hop-Up.



## HOP-UP ADJUSTMENT



Too much Hop-up (turn the lever toward Normal)

Wrong

Right best position

Wrong

Not enough Hop-up (turn the lever toward Hop)



# BLOW BACK

Pneumatic Blow Back System

True to the faith of mimicking real life firearms, G&G is proud to present its new Pneumatic Blow Back system to its line of airsoft guns. Conventional airsoft blow back utilizes low hook springs to mimic real life bolt actions, which often lead to excess wear and tear and poor reliability in the gear box. To alleviate the problem of conventional systems, G&G has independently developed the Pneumatic Blow Back system; a piston driven, gas operated mechanism to better mimic real life bolt actions. This new technology utilizes compressed air to move the bolt, which enables the action without adding extra stress to the gearbox. This class leading system represents a significant milestone in the airsoft industry.

## MULTINATIONAL PATENT



**TAIWAN**  
Patent No - M300797



**CHINA**  
Patent No - 200620122468.9



**DENMARK**  
Patent No - EA2007 0069



**EU**  
Patent No - 460181 814454



**HONG KONG**  
Patent No - 06107827.0



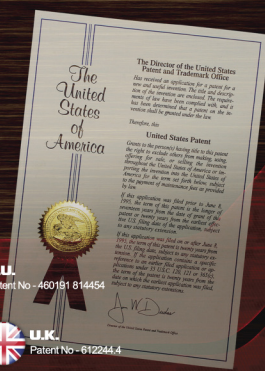
**JAPAN**  
Patent No - 實願2006-1459



**U.S.A.**  
Patent No - 11488698



**U.K.**  
Patent No - 612244.4



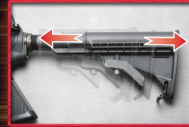




**RETRACTABLE STOCK**



To unlock the stock, press stock release lever and change the position



6 position retractable stock

**REAR SIGHT ADJUSTMENT**



For precision shooting



For normal shooting



Windage knob: for Rear Sight left / right adjustment.  
Elevation knob: for Rear Sight up / down adjustment.

**! WARNING:** Keep the Selector on Safe mode until you are actually ready to shoot.

**MOVABLE PARTS**



**Disassemble the Carrying Handle**

Turn the knobs counterclockwise



Take off the carrying handle



Dot Sight (optional)

You can buy other accessories to install on the rail system.

**OPTIONAL PARTS**



M4 Dot Sight (left) Model No: G-12-011  
3X MAG (right) Model No: G-12-012  
Material: Metal & Glass



G-SCAR-SD Mock Silencer & Flash Suppressor  
Material: Steel  
Model No: G-01-021 Original (Black)  
Model No: G-01-022 USJ Type (Black)



Tactical handguard rail  
Model No: G-03-095 Material: Plastic



Combat-Lite GPL6 Tactical Pack  
Model No: G-04-025 Material: Plastic & Metal

**TROUBLE SHOOTING**



Adjust screw when the gear noise becomes strilly.

The screw at bottom of the grip, please use the screwdriver to adjust.



No operation

Check the fuse



No operation

Check the wire set contact with motor



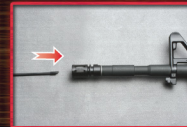
No operation

Check the battery & connector

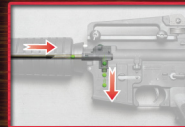
**MAINTENANCE**



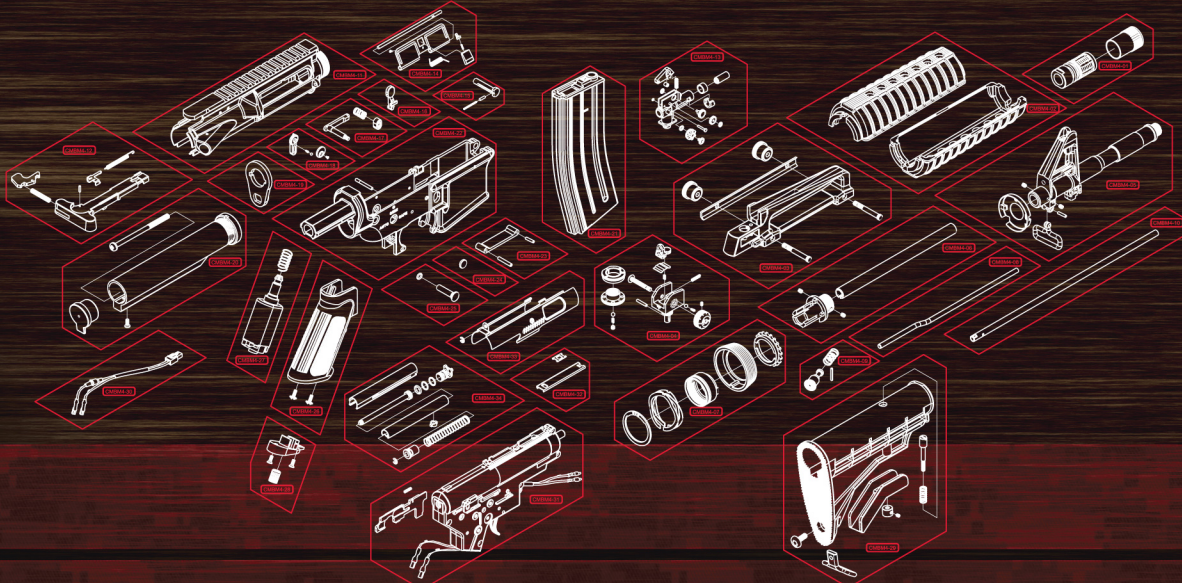
Remove the Magazine



Return the hop-up dial to normal position and insert the cleaning rod from the lead edge of the inner barrel



Be aware to have the rod facing down and reaching to the end, and remove clogged bullets.



**PARTS LIST**

CMBM4-01	Flash hider set	CMBM4-18	Selector lever set
CMBM4-02	Handguard set	CMBM4-19	Stock washer
CMBM4-03	Carry handle set	CMBM4-20	Enhanced rod set
CMBM4-04	Rear sight set	CMBM4-21	Hi-cap 450R Magazine
CMBM4-05	Front outer barrel set	CMBM4-22	Lower receiver set
CMBM4-06	Rear outer barrel set	CMBM4-23	Trigger guard set
CMBM4-07	Slip ring set	CMBM4-24	Selector
CMBM4-08	Piston rod	CMBM4-25	Rear frame lock pin set
CMBM4-09	Assist knob set	CMBM4-26	Grip
CMBM4-10	Inner barrel	CMBM4-27	Motor set
CMBM4-11	Upper receiver set	CMBM4-28	Grip bottom set
CMBM4-12	Charging handle set	CMBM4-29	Retractable stock set
CMBM4-13	Hop-up set	CMBM4-30	wire set
CMBM4-14	Port cover set	CMBM4-31	Gear Box set
CMBM4-15	Front frame lock pin set	CMBM4-32	Charging Upper Cover
CMBM4-16	Bolt catch set	CMBM4-33	Charging plate
CMBM4-17	Magazine catch set	CMBM4-34	BlowBack pneumatic piston

**CONTACT US**

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**DEALER**

Please consult your dealer or G&G for overhaul maintenance and technical guidance.