

G&G ARMAMENT Complete AEG Series <http://www.guay2.com>



**G&G ARMAMENT**  
Complete AEG Series

# Instruction Manual

**GR16** 3G  
series **GR300**  
6mm Electric Semi/Full Auto System

MANUFACTURED BY GUAY GUAY TRADING CO., LTD.  
WWW.GUAY2.COM MADE IN TAIWAN



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Complete AEG Series

# Airsoft Rifle

6mm Electric Semi/Full Auto System

GR16 SG  
Version  
series

## GR300

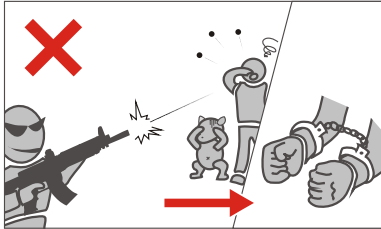
6mm Electric Semi/Full Auto System

### CONTENTS

• WARNING	P2.P3. P4. P5
• COMPONENTS	P6.P7
• BATTERY SETTING	P8
• BATTERY TYPES	P9
• MAGAZINE LOADING	P10
• MAGAZINE INSERT	P11
• FIRING MODE	P12
• SIGHT ADJUSTMENT	P13
• DETACHABLE SIGHT	P14
• HOP-UP AND MOTOR	P15
• FIELD STRIPPING	P16.P17
• TRIGGER GUARD	P18
• BUTTSTOCK FOLDING	P19
• Q.D.(QUICK DETACH) SLING SWIVEL	P20
• SPEC. OF GR300	P21
• CAUTION	P23

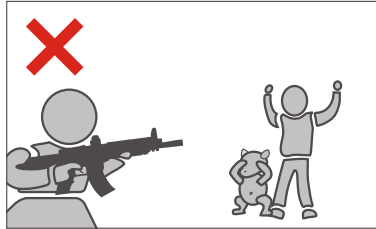


**警告**  
WARNING



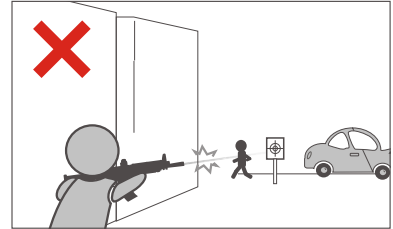
You may be liable for damaging public or personal property or for injuring a person or an animal even if you only meant to shoot as a "practical joke". Always observe good manners and enjoy fun sport shooting.

**警告**  
WARNING



Never direct the muzzle towards a person, and animal or any other dangerous direction.

**警告**  
WARNING

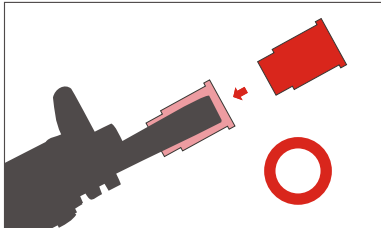


Select a safe place for operating the air gun, avoiding places where people and cars pass cross or third persons are around.

2

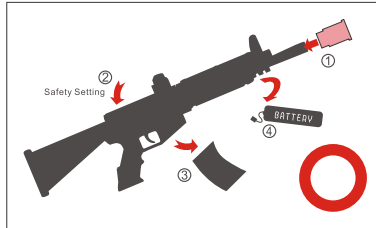
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**警告**  
WARNING



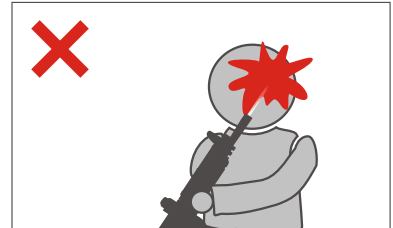
Make sure to attach the barrel and safety cap to the muzzle, except when you are shooting. Do this to prevent accidental, sudden discharge and also for dust protection purposes. NEVER pull the trigger while the barrel and the safety cap is attached.

**警告**  
WARNING



Safety procedure:  
1 - Attach the safety cap to the muzzle.  
2 - Set the selector lever to the safety position.  
3 - Remove the magazine.  
4 - Remove the battery.

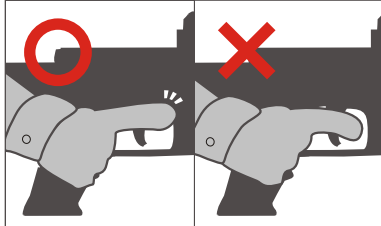
**警告**  
WARNING



Looking into the muzzle is extremely dangerous regardless of BB's having been installed or not. If you get hit in the eye by a BB bullet, you may in worst case, loose your eye sight.

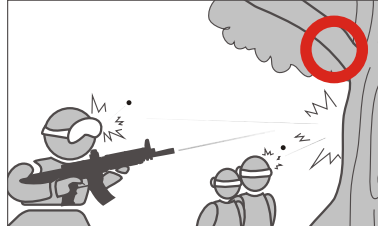


**警告**  
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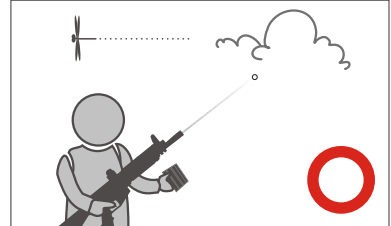
Activating the trigger carelessly is extremely dangerous. Never put your finger onto the trigger unless the safety cap is removed and you are ready to shoot a target.

**警告**  
WARNING



When shooting the air guns for target practice or in a game situation, you and all participants must wear goggles or other eye protective gear. Also, pay attention to ricochets. It is important to pay attention to third parties other than the participants.

**警告**  
WARNING

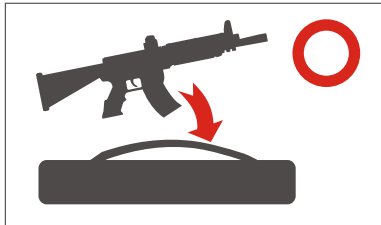


There may be cases where some BBs remain in the gun after the magazine has been disconnected. After removal of the magazine, direct the muzzle towards a safe direction and pull the trigger to confirm that no BBs remain in the gun, then attach the safety cap.

4

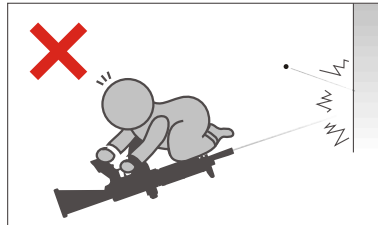
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**警告**  
WARNING



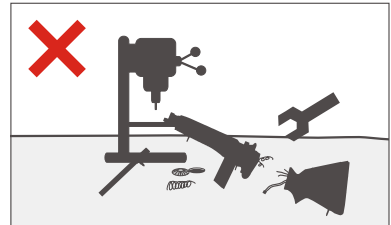
When you carry the air gun, attach the safety cap, set the selector lever to the safety position and always put it in a case or bag.

**警告**  
WARNING



Always attach the safety cap to the muzzle, remove the battery and store the air gun in a case or bag and at a place out of reach by children.

**警告**  
WARNING

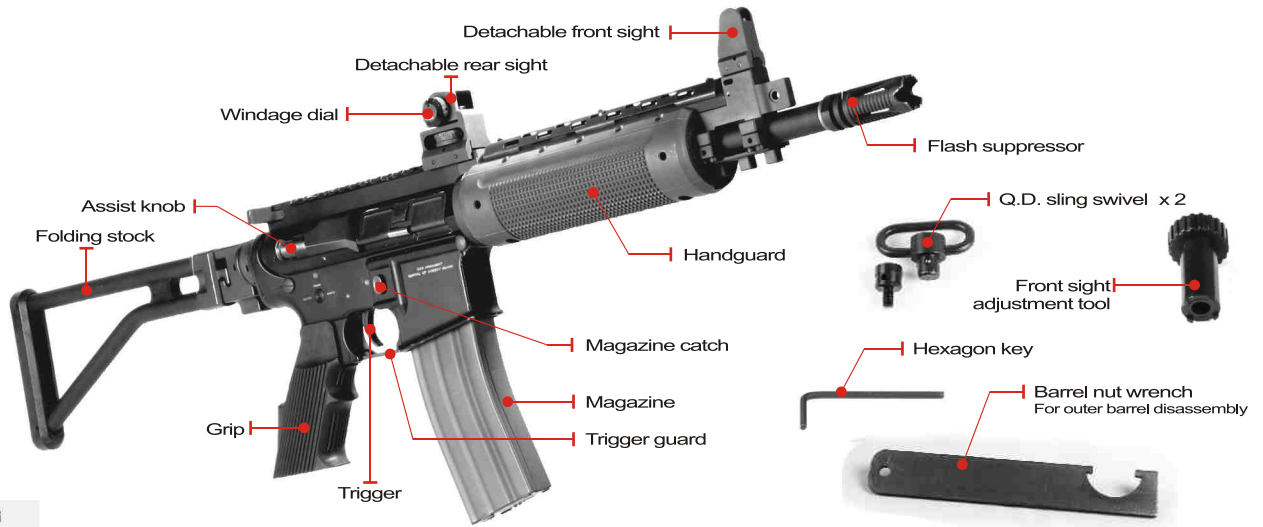


Disassembling or modifying the gun may adversely affect the performance and make it dangerous.

# Components

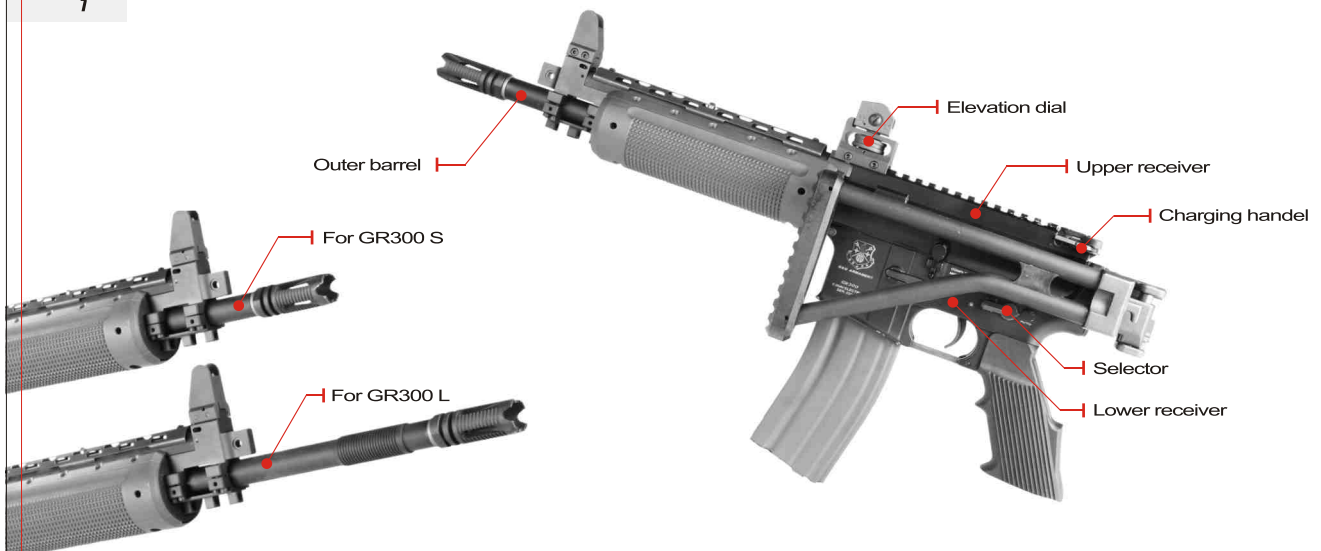


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8

7



# Components

## ▪ Battery setting and battery type



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1



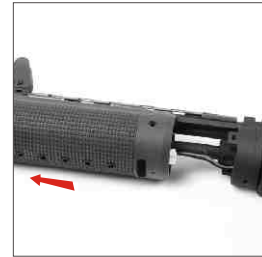
Remove the Q.D. Sling swivel and sling swivel base.(if attached)

2



Pull open the handguard slightly with a proper tool.

3

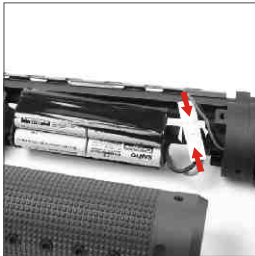


Move handguard forward and take off.

8

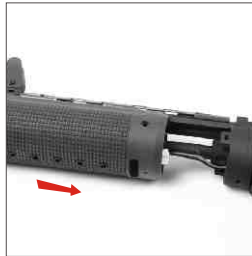
9

4



Connecting the connectors.

5



Put the handguard back on.

Recommended battery type:



V-type 9.6V 1100mAh Ni-Cd rechargeable battery  
U-type 12V 1100mAh Ni-Cd rechargeable battery

## ▪ Battery setting and battery type

## ▪ Magazine loading



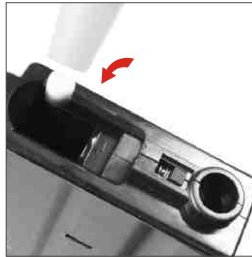
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1



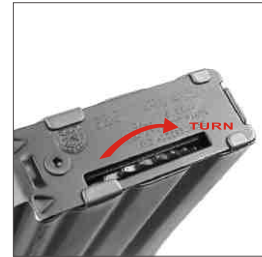
Open the cover on the top of the magazine.

2



Fill BBs till it's full.

3



Close the cover and turn the gear at the bottom of magazine all the way till the clicking sound changes.

10

11

1



**To insert the magazine:**  
Insert a loaded magazine upward and make sure it's properly seated.

2



3



**To release the magazine:**  
Hold the magazine then press the magazine catch and pull the magazine out.

## ▪ Magazine insert and release

## ▪ Firing mode and safety



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1



**Full auto:**  
Automatically firing when trigger remains pulled.

2



**Semi auto:**  
One shot each time when trigger is pulled.

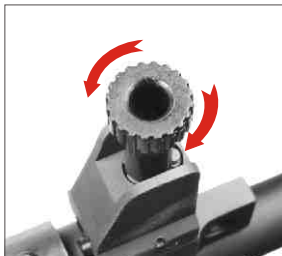
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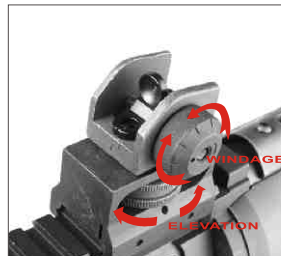
**Safety on:**  
Trigger can not be pulled and will not fire.

12

13



Push and turn the tool (included) to adjust the front sight.



**Windage knob:**  
for rear sight left/right adjustment.  
**Elevation knob:**  
for rear sight up/down adjustment.

**Battle sight (flip manually)**



For normal shooting



For precision shooting

## ▪ Front sight and rear sight adjusting



## ▪ Detachable front sight and rear sight



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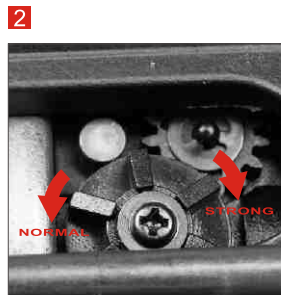
Unscrew and take the fixing screws off with a hexagon key (included) and remove the front sight and rear sight.

14

15



Open the dust cover.



Turn the adjust dial to vary the hop-up effect.



When the gear noise becomes shrill, turn the adjustment screw on the bottom of the grip.

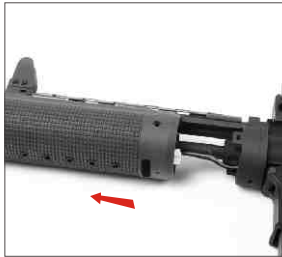
## ▪ Hop-up and mortar gear engagement adjusting

## ▪ Field stripping



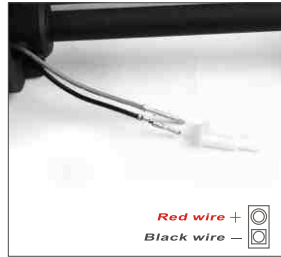
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1



Take off the handguard.

2



Remove the connector housing with a proper tool.  
Mine the electrode when take off the connector housing.

3

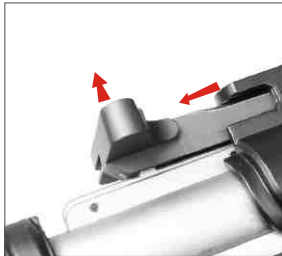


Pull the receiver pivot pin up.

16

17

4



Move the upper receiver forward till it stuck then  
pull the charging handle backward and lift up.

5



Keep moving upper receiver forward till separate  
with lower receiver.

6



Pull the hop-up unit and inner barrel out.

## ▪ Field stripping

## ▪ Trigger guard



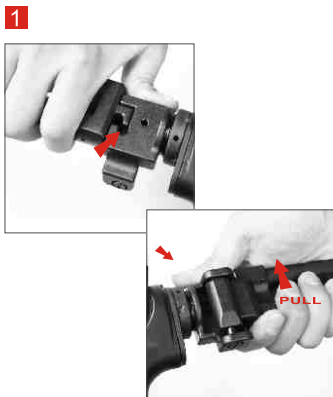
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Depressing the trigger guard plunger with a proper tool and open the trigger guard.

18

19



Press the buttstock base with the thumb and pull the buttstock up.



Fold the buttstock to the left side of the gun.



## ▪ Buttstock folding

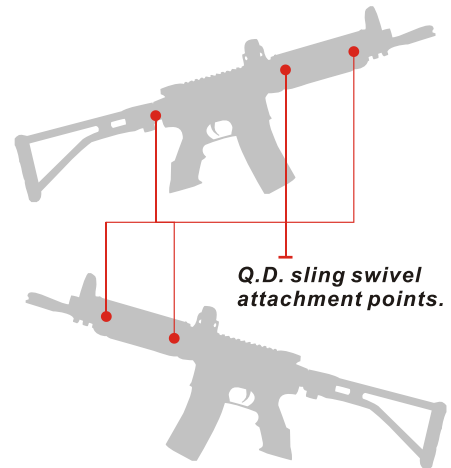
## ▪ Q.D.(Quick Detach) sling swivel



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Sets of Q.D. Sling swivel and sling swivel base are included in this package, and there are **5 positions** on the gun for Q.D. Sling swivel attachment.



20

21

- *Built material:* Al6061 / Magnesium / Plastic
- *Magazine capacity:* 450 rounds
  - *Overall length:* GR300L - 918mm (when stock is extended)  
GR300S - 805mm (when stock is extended)
- *Inner barrel length:* GR300L - 420mm  
GR300S - 307mm
  - *Weight:* GR300L - 3050g  
GR300S - 2950g
- *Muzzle velocity:* 330 fps. with 0.2g BB

## ▪ SPEC. of GR300



## ■ CAUTION

Always attach the safety cap and disconnect the magazine to avoid sudden operation upon connecting the battery.

Be careful so as not to catch your fingers in the movable parts.

Always set the lever to "safe" before firing.

Do not disassemble beyond what is necessary, or the gun may be damaged.

Always use "G&G ARMAMENT" BBs for this gun. We shall not be held responsible for any damage or accidents arising from the use of bullets supplied by other manufacturers.

Since a tight barrel is used, use of dirty BBs or those with burrs causes jamming and possible fatal damage to the gear box.

Turning hop-up dial excessively causes clogging of BB.  
Keeping pulling the trigger with BB clogged damages the piston and gears.

Never hold the gun sideways as BB will curve right or left.

We shall not be held responsible for any damage or accidents arising from the wrong operation or modification of the gun.

Disassembly is designed for appropriate maintenance, not for modification.

## ■ CAUTION



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

DEALER