

# R85 A1

## SERIES

6MM ELECTRIC SEMI/AUTO SYSTEM

ARMY™ ARMAMENT  
AIRSOFT GUNS & ACCESSORIES

USERS RESTRICTED TO  
18 YEARS OF AGE OR OLDER

使用年齡對象18歲以上



## 在操作之前请先阅读说明书

ALWAYS READ THROUGH THIS MANUAL BEFORE OPERATION.



### 警告 WARNING



18岁以上年龄才能使用  
ONLY FOR 18 YEARS  
OF AGE OR OLDER

18岁以上年龄才能使用这支气枪比赛使用  
PLEASE OPERATE THIS AIR GUN FOR COMPETITION,USERS ARE RESTRICTED.ONLY FOR  
ABOVE 18 YEARS OLD.



注意受损伤  
INJURY CAUTION

因为BB弹能达到50-60米的范围。不小心的射击可能导致眼睛受损伤或其他伤害。  
BECAUSE PLASTIC BB BULLETS CAN REACH THE DISTANCE BETWEEN 25 TO 40 METRES,  
CARELESS SHOOTING MAY CAUSE EYE DAMAGED OR OTHER INJURIES.



注意熟读警告指示手册  
CAREFUL READING OF  
HANDLING CAUTIONS  
AND  
INSTRUCTION MANUAL

在操作射击之前要细心读熟警告手册和指示手册。操作气枪时必须认识好警告指示。  
PLEASE READ THROUGH THIS HANDING CAUTION AND INSTRUCTION MANUAL  
CAREFULLY BEFORE OPERATION.

# WARNING

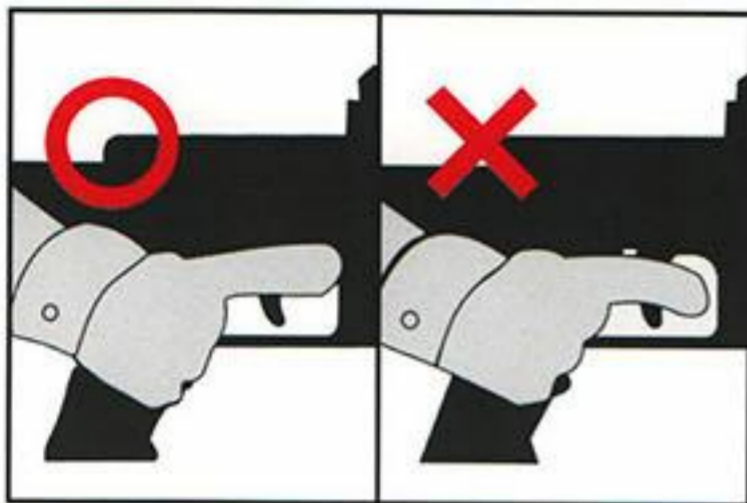
## HANDLING CAUTIONS & INSTRUCTION MANUAL

Always read through this manual before operation.

在操作之前必需读熟这些说明书

ARMY™ ARMAMENT  
AIRSOFT GUNS & ACCESSORIES

警告  
WARNING



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.

不小心地去活動扳機是非常危險的，不能將手放于板極上除非你已瞄準目標并已經將安全帽移開。

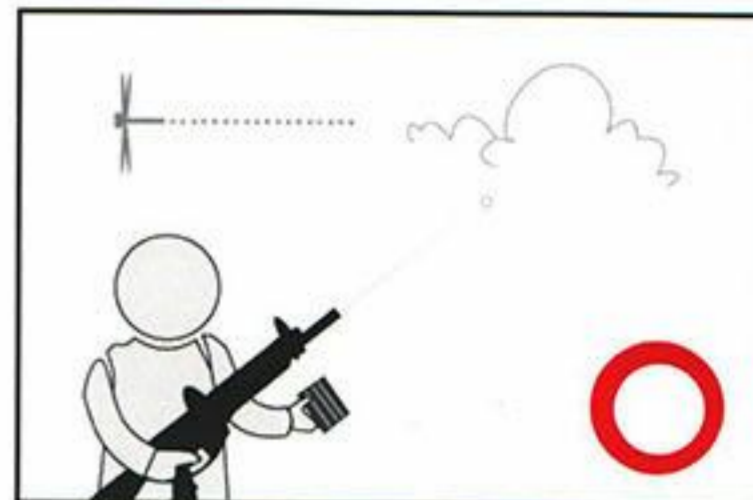
警告  
WARNING



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.

當你在遊戲或練習的時候發射子彈時，你必須穿好保護裝備。小心子彈的反彈，還要特別注意沒有參與遊戲的旁人。

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.

有時有可能會在你已經卸彈後還有子彈存在槍膛內。在取下彈夾後，向無人的安全方向開槍，確保槍膛內沒有子彈後方可把安全帽關上。

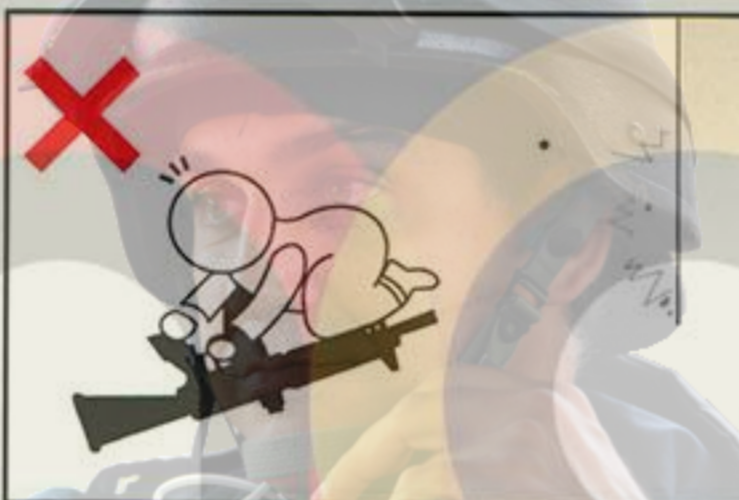
警告  
WARNING



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.

當你提着槍的時候，要關上安全帽，并把選擇器調至安全位置并放于袋子或盒子內。

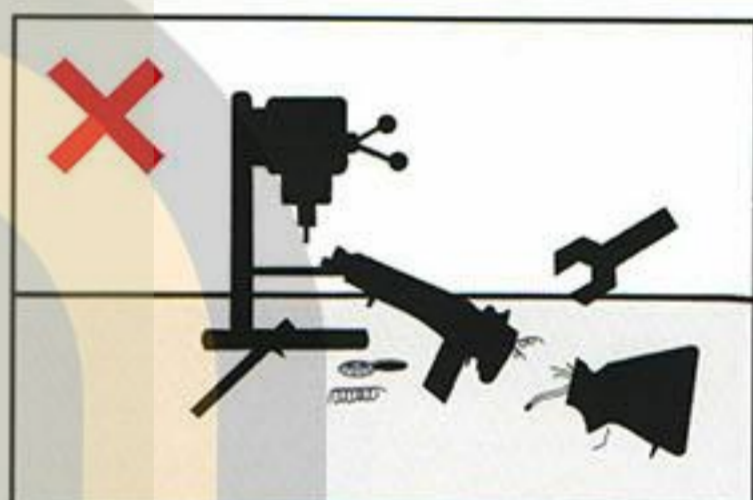
警告  
WARNING



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.

一直把安全帽套在槍口，取出電源并把他放于袋子中，并置于小孩無法拿到的地方

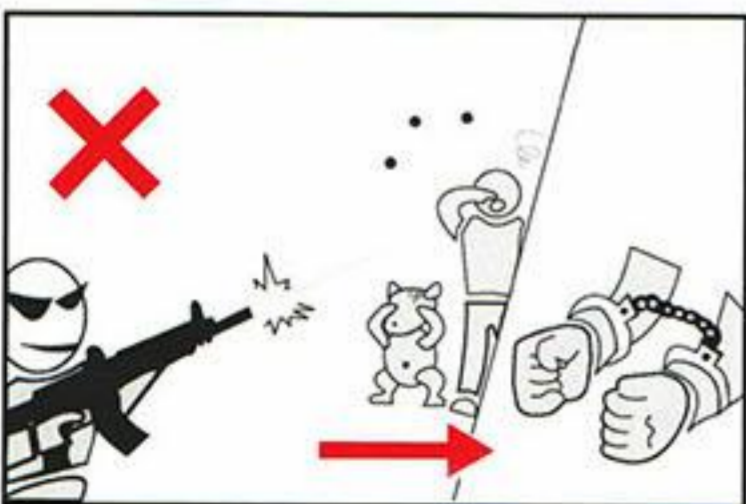
警告  
WARNING



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

拆裝或改裝槍支都可能對槍的性能有影響并造成危險。

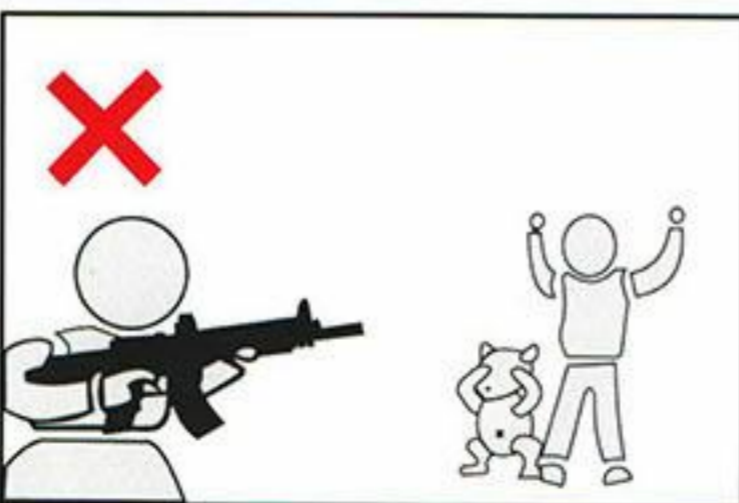
警告  
WARNING



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.

小心使用些槍，否則你有可能会因为在练习过程中因为破坏公物或私人财产，对他人或动物造成伤害而受罚！

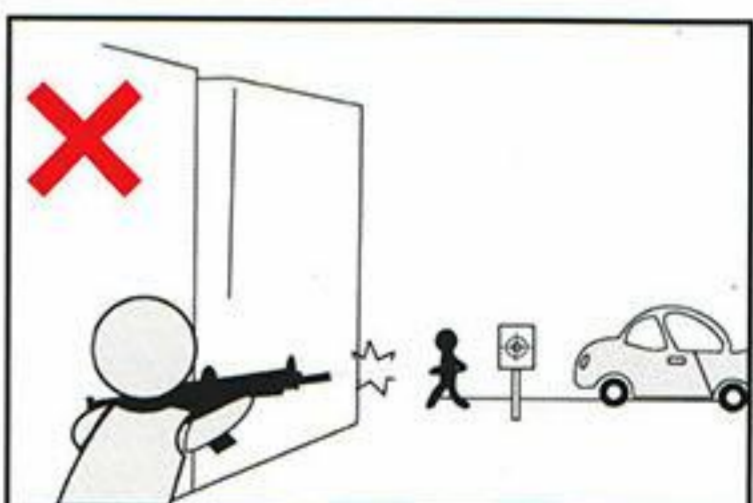
警告  
WARNING



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

绝对不能將槍口對準人，動物及其他有危險的方向。

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.

选择合适的地方使用些槍，不能在行人，车子经常路过或有闲人的地方。

# WARNING

## HANDLING CAUTIONS & INSTRUCTION MANUAL

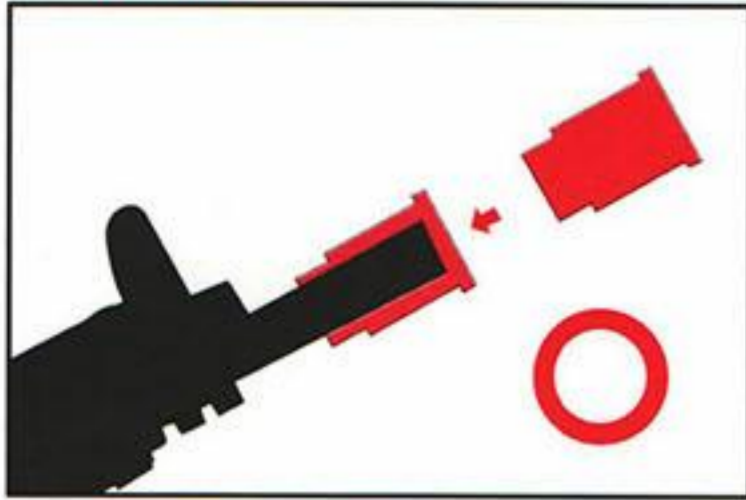
Always read through this manual before operation.

在操作之前必需读熟这些说明书

ARMY™ ARMAMENT

AIRSOFT GUNS & ACCESSORIES

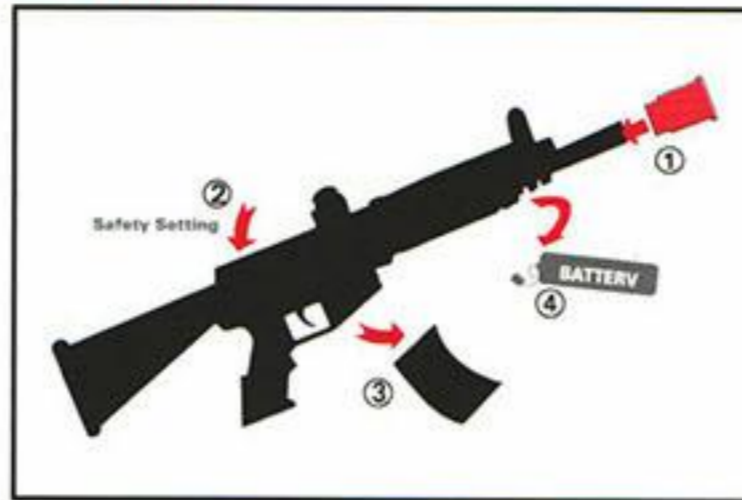
警告  
WARNING



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.

直到你使用此槍的時候才可以將安全帽從槍口取出。以此防止意外，防害他人及防塵。千萬不能在安全帽已裝上的時候扣下扳機。

警告  
WARNING



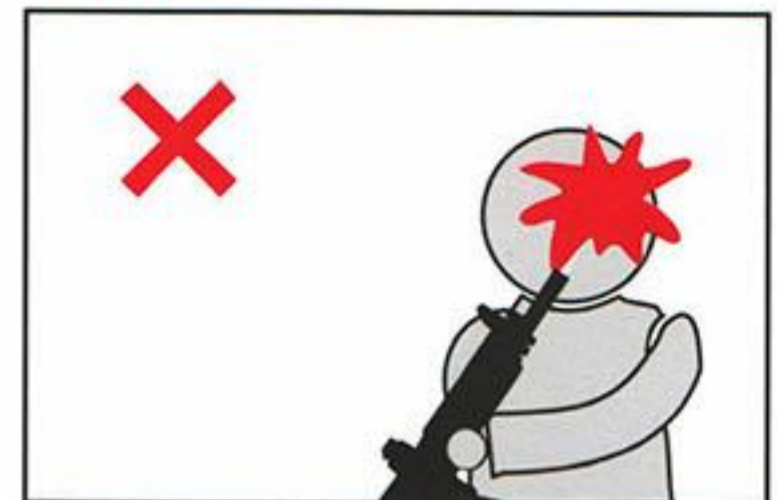
Safety procedure:

- 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.

安全程序：

- 1、將安全帽套于槍口。
- 2、將選擇器設于安全模式。
- 3、取出彈夾。
- 4、取出電池。

警告  
WARNING



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

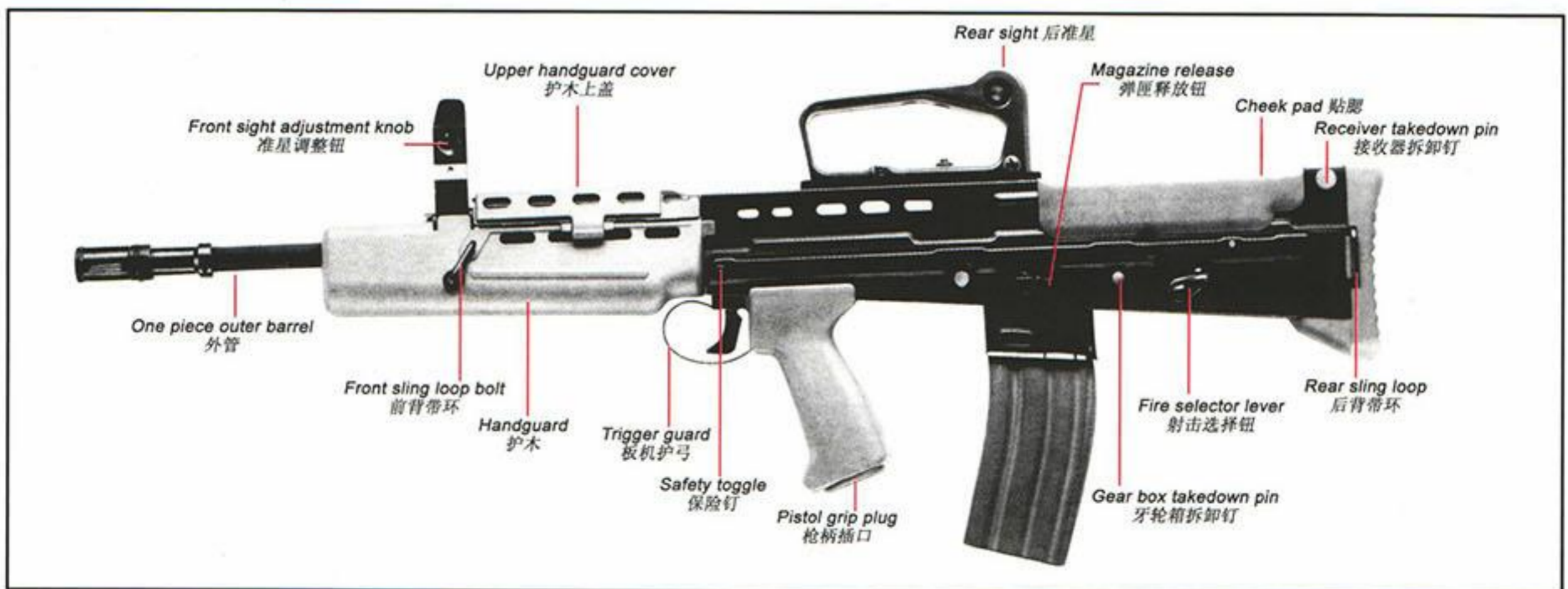
不管槍膛內是否已上彈，將槍口對準眼睛都是非常危險的！如果不小心中被BB彈擊中，你都有可能失明。

## R85 SERIES

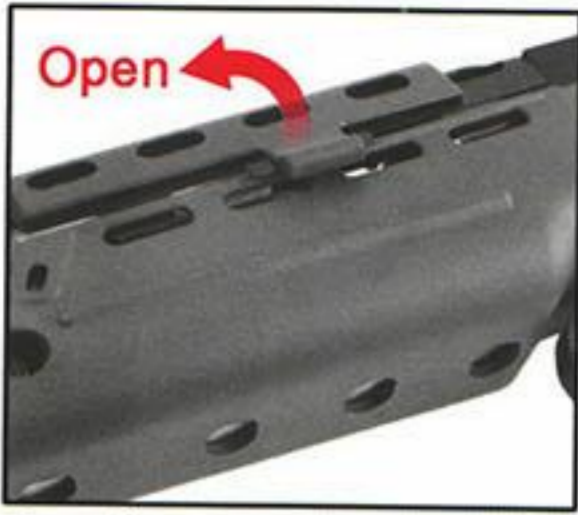
6mm Electric Semi/Full Auto System

### Components

部件

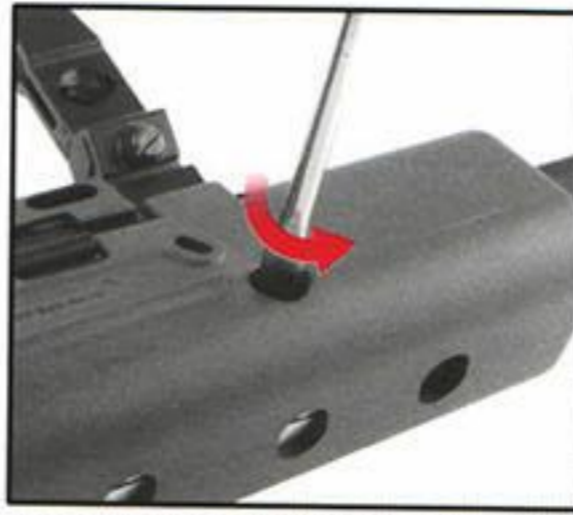


1



Open the upper handguard cover.  
打開上手托蓋

2



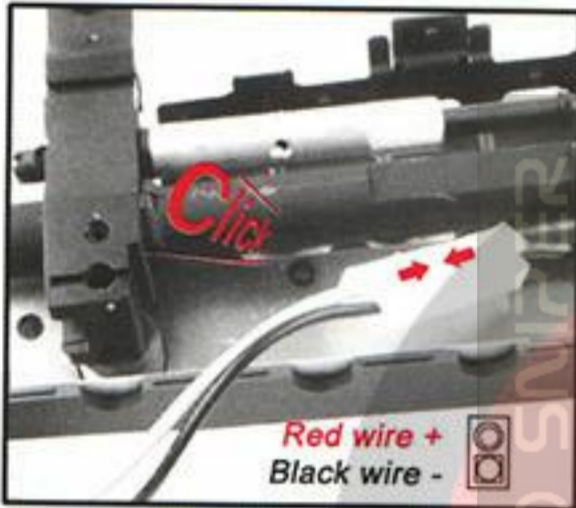
1. Unscrew the Front sling loop bolt.  
2. Take off the Front sling loop.  
1. 拆出前環螺絲。  
2. 取出前環。

3



Remove the left side handguard.  
取出在左側方的手托

4



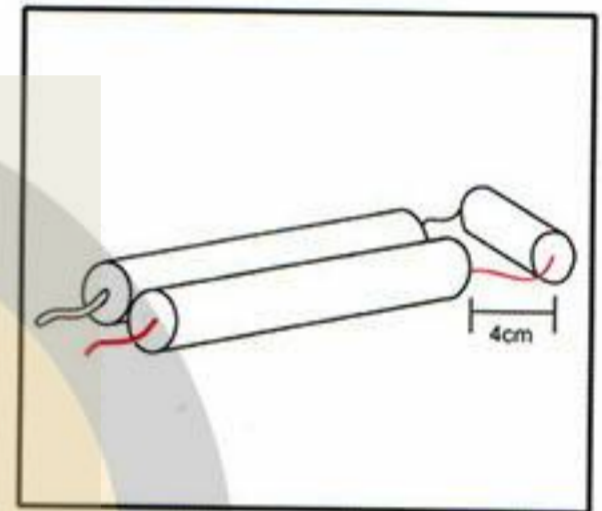
Connect battery plug with the connector.  
Insert the battery into the left side of the handguard properly.  
接上電池，并把電池正確地裝于電池的托盤。

5



Re-attach left side handguard and close the upper handguard cover.  
重新裝上手托手盤蓋

6



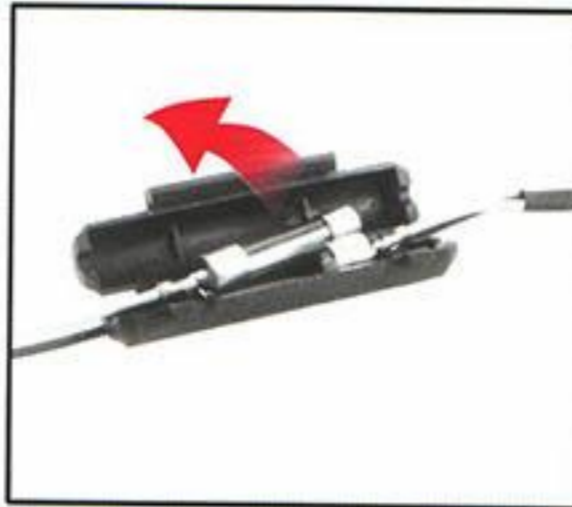
Recommended battery type:  
8.4V 1800mAh Ni-Cd rechargeable battery  
建議的電池類型：  
8.4V 1800mAh, Ni-cd 充電電池

1



Open the fuse case.  
打開保險盒

2



Replace the fuse.  
更換保險絲

3



Glass tube fuse 20A.  
玻璃管保險絲20A

1



Open the cover on the top of the magazine.  
打開彈夾上面的蓋子

2



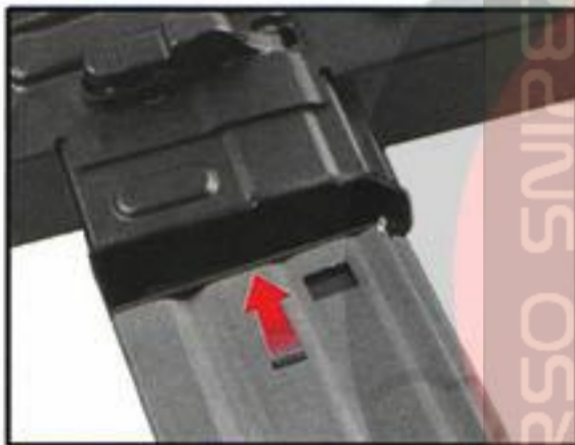
Feed the BBs.  
裝入子彈

3



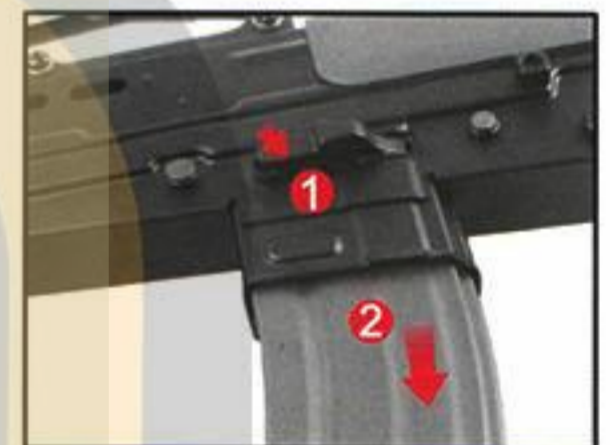
Close the cover and turn the gear at the bottom all the way until the sound changes.  
關上蓋子并轉動蓋子上的輪子，直到聲音發生變化

1



To insert the magazine: insert the magazine upward and connect firmly till a "CLICK" sound is heard.  
安裝彈夾：將彈夾向上插入，直到聽到 "click" 的聲音！

2



To release the magazine: hold the magazine then push the magazine release button and pull the magazine out.  
拆下彈夾：按下拆彈健，并將彈夾取出

1



The upper position "R" is semi auto, one shot each time when the trigger is pulled. "A" is for "automatic" Automatic firing when trigger remains pulled.  
R位置是半自動的意思，每扣一下扳機就射一發子彈，A位置是自動的意思，按住扳機就回連續發射子彈。

2

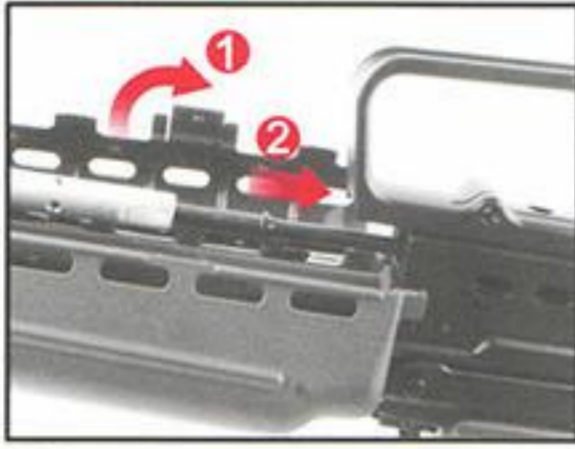


Safety on: Trigger can not pulled and gun will not fire.  
安全鎖：不能扣動扳機，不能開火。

3



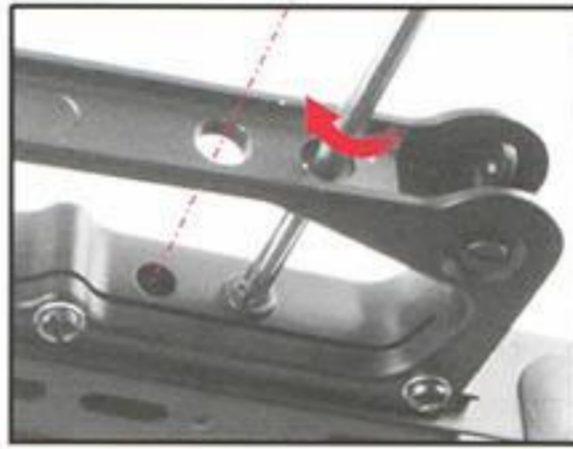
1



1. Open the upper handguard cover.  
2. Install the carrying handle on the upper receiver.

1. 打開上托盤蓋  
2. 在上方接收器裝上手柄。

2

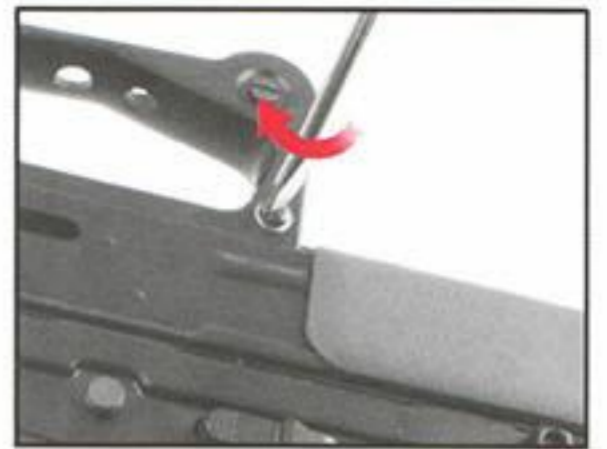


1. Look on top of the carrying handle there are two holes.

2. Look through the first hole and align it with the corresponding hole on the upper receiver. then fasten the screw on top.

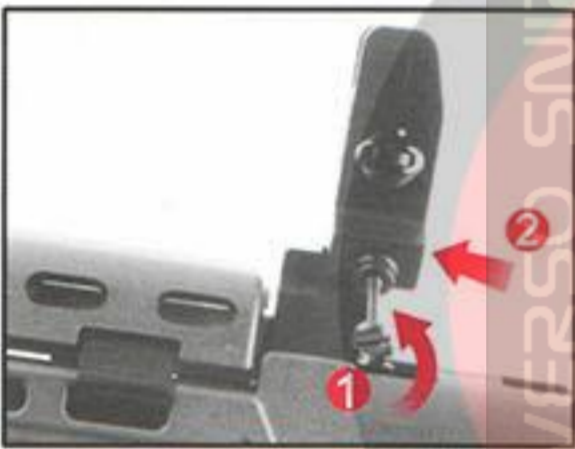
1. 由上看手托有兩個孔  
2. 透過第一個孔將其安裝在相應的接收器上，鎖螺絲固定。

3



Fasten the screws on the side  
在側面鎖上螺絲

1



1. Unscrew the fixing screw with a screwdriver.

2. Install the front sight  
鬆開螺絲，把準星裝上。

2



Fasten the screw.

裝上螺絲

3



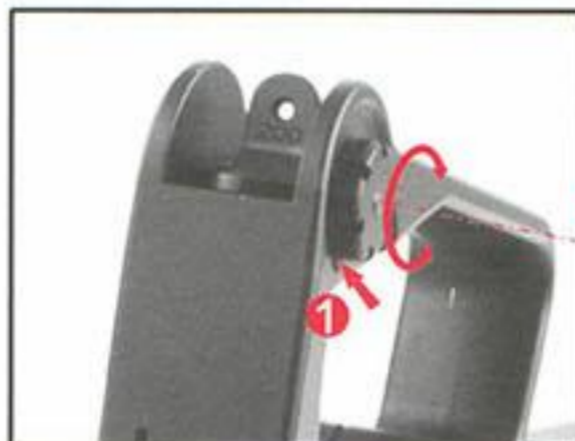
Finish.

完成



Front sight:  
Push down the front sight knob pin.  
Turn the knob to adjust the front sight.

前準星：  
推下前準星釘，轉動此釘調整前準星。



Rear sight:  
Push down the rear sight knob pin.  
Turn the knob for rear sight.  
Left / right adjustment.

後準星：  
推下後準星釘，轉動此釘調整後準星。

Battle sight (flip manually)  
戰鬥準星(手動)



For precision shooting.  
精確射擊



For normal shooting.  
普通射擊

1



Grip storage space for tool kit.  
手把為工具箱留有空間

2



Pull out the pistol grip plug.  
拉出手槍柄插口

3



1



Pull the charging handle backward to open the dust cover.  
向後拉裝彈手柄，打開防塵蓋。

2



Push down the bolt lever to hold the bolt in place.  
拉下操作杆的螺絲，讓螺絲在指定位置。

3



Turn the adjust dial to change the hop-up effect.  
通過調整此操作杆來調整上彈。

### ⚠ WARNING!!

### Before the Field stripping

1. Check the gun a safety direction and remove magazine.
2. Place the safety on "safe mode".
3. Pull the charging handle all the way to the rear, and inspect the chamber to ensure it is empty.
4. Don not operate the trigger, leave the hammer cocked and the gun on safe.

1. 向安全方面檢查此槍，並取出彈夾
2. 將槍轉到安全模式
3. 向後面拉出充電手柄，檢查槍膛，確認他是空的。
4. 不要扣扳機，使機處於安全狀態。





**1**  
Pull the receiver takedown pin out.  
(If may be easier to first push the pin hard from the other side of the upper receiver)  
拉動接收器的釘子向上拉 (先在接收器的一端向另一個方向推可能更容易)



**2**  
Move the upper receiver forward until it is separated from the lower receiver.  
移動上接收器，直到它從下接收器分離出來



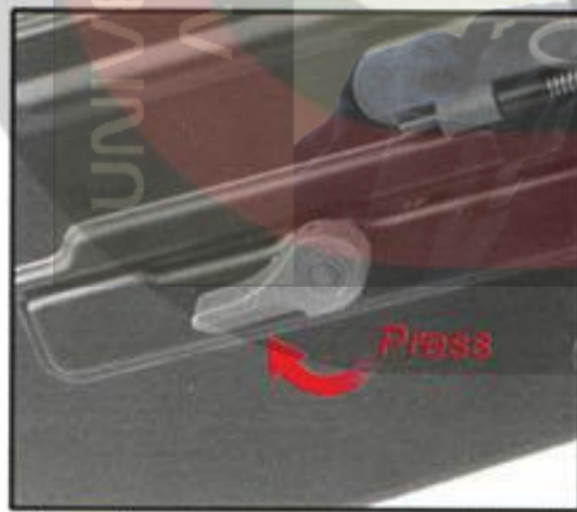
**6**  
Finish.  
完成



**4**  
Release the connectors.  
按下杆杠，拆下螺絲



**5**  
Pull the hop-up unit and inner barrel out.  
按下杆杠，拆下彈簧



Press  
Press  
Pless the lever to release the bolt.  
按下控制杆，取出螺絲



Press  
Press  
Pless the lever to release the spring.  
按下控制杆，取出彈簧

### R85 SPEC. R85的規格

- Inner barrel length: 510mm 內膛長度: 510MM
- Overall length: 785mm 總長: 785MM
- Weight: 3780g 重量: 3780克
- Built material: Steel/Magnesium 材料: 鋼, A16061橡膠, 鎂尼龍, 鋅  
Nylon/Zinc/Al6061 Rubber
- Magazine capacity: 450Rounds(standard) 彈夾容量: 450轉(標準)
- Muzzle velocity: 110m/sec with 0.2gBB 槍口轉速: 0.2克的子彈110米/秒





## WARNING 注意

1. Use the correct battery type which the instruction manuals suggest. 1. 根據此說明書的提示使用合適的電池。  
We will not be held responsible for any accident or damage caused by wrongful operation or usage of non-specified batteries.  
我們不會對因為使用不合規格電池引起的損壞負任何責任。
2. To follow the operation step according to instruction. 2. 根據說明書的每個步驟進行操作。
3. Never disassemble or modify the gun. 3. 千萬不要拆裝或改裝該槍。
4. Use of poor quality BB bullets will cause problems. 4. 使用質量差的BB彈也會引起麻煩。
5. When a problem occasion please check the steps below, if that does not solve your problem, please turn to a local dealer for help or contact us at ARMY™ 5. 當發生質量問題, 而你確定不是由于個人操作不當引起時, 可向當地經銷商求助。

## TROUBLESHOOTING 保修 To dismiss the easy bugs 分解每一個故障

SYMPTOM 癥狀	CAUSE 原因	SOLVING 解決辦法
No operation at all 沒有反應	Battery is not charged 電池無電	Charged the battery 充電
	The +and- connector is reversed 倒裝電池	Connect the connector in right way. 根據正確的電極裝入電池
	Fuse is damaged 保險絲損壞	Replace the fuse. 更換保險絲
	Motor is not moving 電機不轉	Replace the motor or check and replace the electrical connector. 更換電機并檢查連接 (Purchasing from your dealer or ARMY™) (可從當地經銷商處購買)
	Motor is damaged 電機損壞	Replace the motor or check and replace the electrical connector. 更換電機并檢查連接 (Purchasing from your dealer or ARMY™) (可從當地經銷商處購買)
Gun can't fire 槍不能開火	BBs are jammed in the chamber BB彈卡在膛內	Stop pulling the trigger immediately and take out the magazine to clean out any BBs that are jammed. Use the cleaning rod and clean out any left over BBs. Make sure there are no left-over BBs inside the hop-up rubber. 立即停止扣動扳機, 取出彈夾, 并清出卡住的BB彈, 清出殘留在膛內的BB彈確保沒有子彈留在上彈夾。
	Faulty gear 齒輪有問題	Replace the replacement gear. 更換齒輪 (Purchasing from your dealer or ARMY™) (可從當地經銷商處購買)
Malfunction of full auto operation 全自動操作的故障	Insufficient battery power 電源不足	Charged the battery 更換電池
	Magazine can't load the BB smoothly 彈夾不能順暢地裝子彈	Hit the magazine lightly or replace it with another one. 輕輕敲彈夾, 或更換一個新的
	Poor electrical connection 電子接觸不良	Check and replace the electrical connector. 檢查并更換電子連接器 (Purchasing from your dealer or ARMY™)
	Cycles become slow 循環很慢	Charged the battery. 更換電池
Malfunction of semi auto operation 半自動的故障	Insufficient battery power 電源不足	Charged the battery. 更換電池
	Deviation in gear timing 齒輪調速的偏轉	Set firing mode to semi auto after firing 5-10 BBs, then set to semi auto mode. 在發射五至十發子彈後, 有開好家伙
	Poor electrical connection 電子接觸不良	Check and replace the electrical connector 檢查并更換電子連接器 (Purchasing from your dealer or ARMY™)
Shooting distance becomes shorter. 發射距離變短	Damaged or worn chamber set 膛已損壞或已破舊	Replace the replacement parts. 更換配件 (Purchasing from your dealer or ARMY™)
	Damaged or worn piston set(O-ring, piston spring) 火塞已損壞或破舊	Replace the replacement parts. 更換配件 (Purchasing from your dealer or ARMY™)
	Something is jammed in the inner barrel 有東西卡在槍管內	Use the cleaning rod and clean the inner barrel. 用清理杆進行清理
Shooting distance becomes shorter. 發射距離變短	Inner barrel is full of oil, or something is jammed 槍管內有很多油或被東西卡住	Use the cleaning rod and clean the inner barrel. 用清理杆進行清理
	Inner barrel scrape is damaged 槍管損壞	Replace the replacement parts. 更換配件 (Purchasing from your dealer or ARMY™)
	Damaged or worn chamber set 膛已損壞或破舊	Replace the replacement parts. 更換配件 (Purchasing from your dealer or ARMY™)
If the gun gets wet 如果槍只受潮	Stop the operation immediately, disconnect the battery and field stripping the gun. Wipe off water from inside the receiver, motor, gear box and other parts, then wait complete drying for the gun. Trial to firing, if there is no operation or malfunction is detected, please consult your dealer or G&G for repair. 立即停止操作, 取出電池, 拆散整支槍, 由內到外每個部件擦干然後重新組裝, 試試從新組裝, 試試發射, 如果還有問題, 請向當地零售商諮詢。	

## CAUTION AIRSOFT

- Always attach the safety cap and disconnect the magazine to avoid sudden operation upon connecting the battery.  
一直保持安全狀態, 斷開彈夾, 避免電源突然連接產品危險。
- Be careful so as not to hurt your fingers in the movable parts.  
小心, 不要因為可移動部件而傷了你的手指
- Always set the lever to "safe" before firing.  
在開火前一直處於安全狀態
- Do not disassemble beyond what is necessary, or the gun may be damaged.  
在不必要情況下不要拆卸槍只, 免得對槍只造成損壞
- Always use "ARMY" 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.  
請認明 ARMY™ 提供的BB彈, 一切由于使用其他子彈造成的損壞我們概不負責。
- Since a tight barrel is used, use of dirty BBs or those with burrs causes jamming and possible fatal damage to the gear box.  
由于內筒很緊, 用髒的BB彈會引起槍膛阻礙。并有可能對保箱造成傷害。
- Turning hop-up dial excessively causes clogging of BBs in the hop-up chamber.  
Continuous pulling of the trigger with clogged BBs will damage the piston and the gears.  
過度地轉動上膛轉盤將會引起BB彈卡在膛內。在BB彈卡住的情況下繼續扣動扳機會損壞活塞及齒輪。
- Never hold the gun sideways as BBs will curve right or left.  
千萬不要側握此槍, 因為子彈有可能左右發射。
- We shall not be held responsible for any damage or accidents arising from the wrong operation or modification of the gun.  
對於不正確使用此槍引起的損壞或事故我們概不負責。
- Disassembly is designed for appropriate maintenance, not for modification.  
可拆裝是為了進行適當的保養而設計, 並不是為了改裝。

**ARMY™ ARMAMENT**  
AIRSOFT GUNS & ACCESSORIES

Asia

UNIVERSO SNIPER  
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**R85 AI**

SERIES

6MM ELECTRIC SEMI/AUTO SYSTEM

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**MADE IN CHINA**