

SEMI/FULL SELECTIVE FIRE MODEL

M89

USE 6mm BB BULLET



Age: Above 18

- Metal Gear & Frame
- One Piece Precision Metal Barrel
- Adjustable Hop-up System
- High Power Accuracy Performance
- Effective Long Range Shooting(60m)



WARNING:

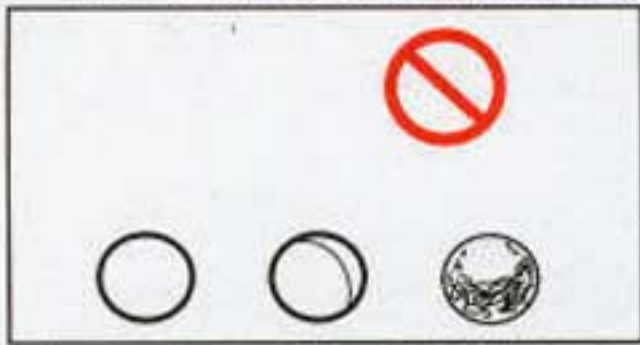
	DANGEROUS: NOT A TOY. Adult supervision required. Misuse or careless use may cause serious injury.
	FOR AGES 18 YEARS AND UP - Must be 18 years of age to purchase; minors require parent or legal guardian supervision to operate.
	EYE PROTECTION REQUIRED - Always wear eye and body protection to prevent injury. Do not fire at hard surface to prevent ricochet.
	READ INSTRUCTION BEFORE OPERATING - Follow safe handling procedures at all times. The purchaser and user should conform to all laws governing the use and ownership of airguns.
	DO NOT BRANDISH OR DISPLAY THIS PRODUCT IN PUBLIC - It may confuse people and may be a crime. Police and others may think it is a firearm, Do not change the coloration and markings to make it look more like a firearm. That is dangerous and may be a crime.

WARNING 注意



Always read through this manual before operation
使用前请阅读此说明书

- Read through this manual before shooting, paying special attention for safe operation
使用前请详阅本说明书，特别注意关于安全方面的操作。
- Thoroughly understand the warnings and cautions for safe operation
为安全起见，务须透彻理解警告及注意事项。



Always use precision BB Bullets for this air gun. Never use any used BB bullets.

请使用精密BB子弹，不要使用任何使用过的BB弹。



Do not look directly into the gun barrel to avoid accidental discharge of BB.

不要直接地看枪管，避免BB弹意外发射。



Never aim or shoot a person or animal as the target. Always set the selector on safety position except when you are ready to shoot a target.

不可把人或动物当作目标瞄准或射击，请把选择杆拨在安全档，除非准备射击安全目标。



Never hold the gun sideways as the BB bullets will curve right or left. This is due to the HOP-UP system.

切勿把枪支侧置射击，因为HOP UP功能会导致弹道偏向左侧或右侧。



Do not brandish in public, do not alter the coloration and warnings - such an action is dangerous and may be a crime.

切勿在公众场合展示本汽枪，它会引起公众的不安。



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

选择一个安全的地方操作气枪，切勿在有人和汽车的路上操作气枪。



Always remove the battery and store the air gun in a case or bag and at a place out of reach by children so that they will not be injured during mischevous play.

存放时注意先取出电池，再把气枪放在枪盒或枪袋里，把它存放在儿童够不到的地方，以免儿童触及玩耍而被误伤。



Disassembling or modifying the gun may generate danger or adversely affect the performance, So avoid disassembling or modifying the air gun.

拆除或改装气枪可能产生危险或者影响性能。



There are cases that bullets remain in the gun after the magazine is disconnected, pulling the trigger carelessly is extremely dangerous. After towards a safe direction and fire to confirm that no bullets remain in the gun.

在取出弹夹后，不小心扣动扳机仍有可能是危险的，请将枪口对准安全方向，扣动扳机以确定枪里没有残留子弹。

1 Charging the Battery 给装电池充电

1. Charging Battery Pack when current is low.
当电量低时需给电池充电。
2. Use the specified battery charger, The charger Exclusive Type.
请使用专用充电器。



8.4V Ni-MH Battery Pack
8.4伏镍氢电池组



Exclusive Charger for Ni-MH Battery Pack
电池专用充电器

Warning

Use the correct battery and charger according to respective instruction manuals. We will not be held responsible for any accident or damage caused by wrongful operation or usage of non-specified battery.

2 Component Names (For details, see the following pages.) 部件名称(详细功能请见后面内容)

Front Sight 前瞄准星

Cocking Bolt 上膛拉杆

Rear Sight 后瞄准星



Stock Release Button 枪托折叠按钮

Safety/Selector 保险/功能选择杆

Under Mount Rail 下导轨

Grip 握把

Hop Up Hatch Return Stoper Hop-Up舱门回位阻钮

Multiple Picatinny Rail 多用途战术导轨

Flash Hider 火帽

Foldable Stock 折叠式枪托

Side Mount Rail 侧导轨

Stock Folding Catch

枪托折合固定键

Trigger 扳机

Magazine Release Lever 弹匣卸杆

Magazine 弹匣

Hop Up Adjustment Knob Hop Up调节钮

3 Setting the Battery 安装电池 (Conduct operations hereafter after charging the battery.)

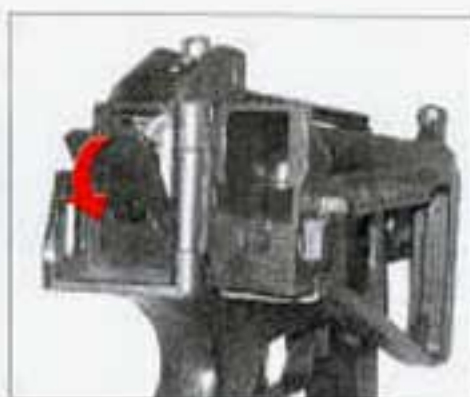
Warning 警告

Remove the Magazine and direct the muzzle towards a safe direction (always set the selector lever to the Safety position).

移去弹匣且把枪口朝向安全方向(功能选择杆务必设在安全档位)。



Stock Release Button



1. Press and hold the Stock Release Button while swinging the stock sideways to engage the Stock Folding Catch. Make sure the stock is fully engaged.

按下枪托按钮并把枪托摆向右侧, 确保枪托固定在枪托固定键上。

2. Open the door of the the battery chamber.

打开电池仓门。

3. Insert the Battery in the Battery Chamber and connect Connectos.

把电池插入电池仓并接紧接头。

4. Close the door of Battery Chamber.

关闭电池仓门。

4 Selector lever and Safety Setting 功能选择杆/保险设置



Warning 警告

To prevent malfunction of the switch do not change the selector lever from semi to full auto while pulling the trigger.

按住扳机时不要同时调转动功能选择杆以免损害该部件性能。

1. Safety Setting

安全档

- Always set the lever to the Safety position when you are not firing the gun or during storage.
请把保险选择杆保持在安全档位, 除非已准备射击。



2. Semi auto (Single Shot)

单发档

- The gun will fire one shot each time the trigger is pulled.

每次扣动扳机发射一颗BB弹。



3. Full Auto (Automatic Firing)

连发档

- The gun will fire automatically while the trigger remains pulled.

扣住扳机时连续发射。



5 Setting the magazine 装入子弹

1. Press the Magazine Release Lever to remove the Magazine. (Fig5.1)

按弹匣卸钮, 取出弹匣。(图5.1)

2. Open the BB bullet hatch on top of the magazine and insert BB bullets. (Fig5.2)

将打开弹匣顶部舱口盖, 投入BB弹。(图5.2)

3. Close the BB bullet hatch for a click sound.

把关闭弹匣舱口盖。

4. Hold the magazine with the BB bullet entrance facing up and turn the gear on the bottom all the way until jii-jii sounds change to clcik-clcik sounds. (The gear turns without load if only a small number of bullets is loaded.) (Fig5.3)

弹匣舱口盖朝上, 拨转弹匣底部的齿轮直到“叽叽”声变为“咔咔”声(图5.3)

5. Insert the loaded magazine into the rifle. (Fig5.5)

把弹盒插入枪支。(图5.5)



Fig5.1

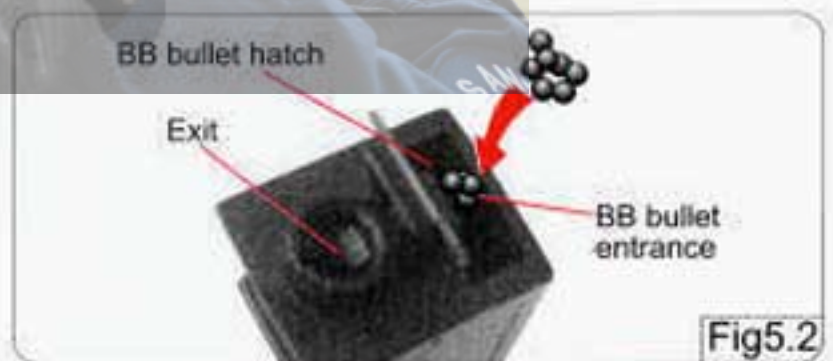


Fig5.2

Turn the gear all the way until the sound changes.



The gear will not be damaged even if it turned excessively

Fig5.3

Bullet stopper releasing lever



Slide the lever in the arrow direction to remove remaining BB bullets. (Be careful since BB bullets may jump out)

Fig5.4



Fig5.5

6 Firing (Confirm your shooting area is safe before beginning firing.) 发射(发射前请务必确认环境是否安全)

1. Set the selector lever to “” or “” position

把功能选择杆拨至“”或“”位置(见第4节)。

2. Pull the trigger. 扣动扳机发射



Warning 警告

- Charge the battery if the firing cycle becomes slow.
射击循环动作变慢时请重新充电。
- 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.
连续发射5-10分钟(约500发)后,请暂停片刻,避免过热以使电机及电池保持较好性能。
- A blank firing may occur at triggering after setting the magazine, this is the normal operation of the gun.
每次装入弹盒后,首发可能会出现空弹。

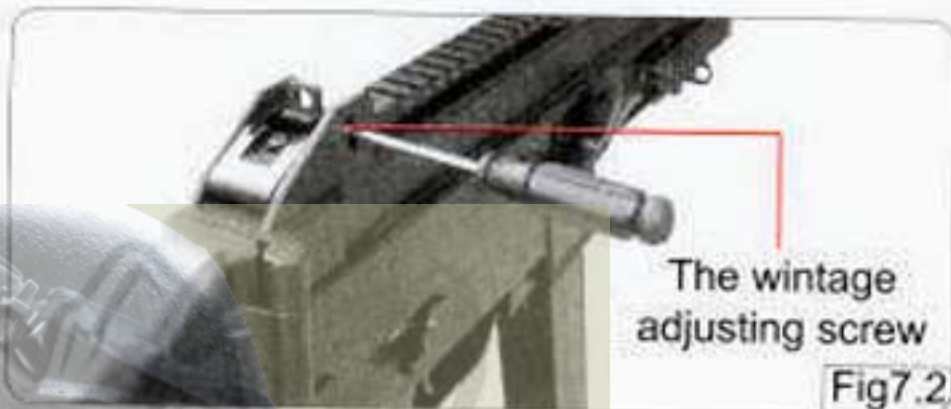
7 Sight Adjustment 准星调节

1. You can adjust the rear sight using the screwdriver included in the Packing.
本产品内含螺丝刀一把,可用该螺丝刀调节后准星。
2. Adjust the sight vertically by turning the elevation adjusting screw using the screwdriver.(Fig7.1)
用螺丝刀旋转后准星垂直调节钮可对后准星做上下调节。(图7.1)
3. Adjust the sight horizontally by turning the windage adjusting screw using the screwdriver.(Fig7.2)
用螺丝刀旋转后准星水平调节钮可对后准星做左右调节。(图7.2)

The elevation adjusting screw

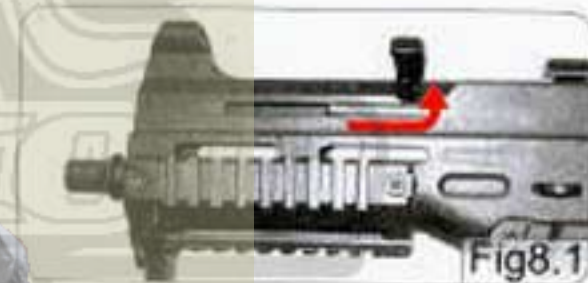


The windage adjusting screw



8 Variable Hop Up System 可调式Hop up 系统说明

1. Put the cocking Bolt backward and fix it at the end position(Fig 8.1) or press the Hop Up Hatch Return Stoper(Fig 8.2).
往后拉上膛拉杆,并使之固定在后端(图8.1)或按下Hop-Up舱门回位阻钮(图8.2),打开Hop-Up舱门。
2. Locate the Hop-Up Adjustment Knob at the right side of the receiver.
Hop-up调节键位于枪体右侧。
3. Slide the Hop-Up Adjustment knob to a desired position.(Fig 8.3)
轻轻滑动调节钮至期望位置。(图8.3)
4. Shoot a few pellets, exam the trajectoty and make further adjustment if necessary.
发射几发子弹,检查弹道,看看是否需要再作调整。
5. The best positing is where the bullets fly horizontally, and the longest flying distance is obtained.
当子弹水平飞行且达到最远距离时即为最佳状态。

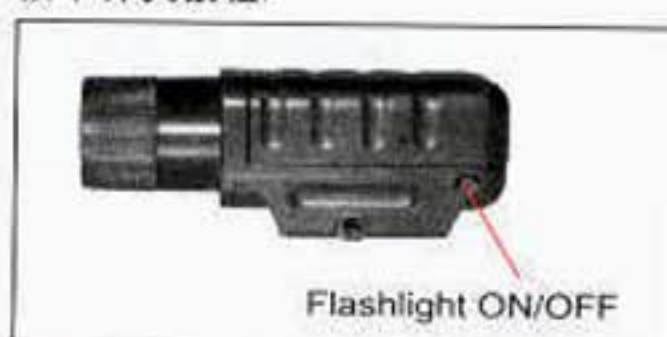


- ⊗ Too much hop-up(Return the lever towards NORMAL)
- Best Position
- ⊗ Not enough hop-up(Move the lever towards HOP)



9 Install Flashlight* 安装手电筒*

1. Load three "AAA" batteries and install the cover.
装入三只"AAA"电池并装上电池盖。
2. Mount the flashlight on the rail and insert the screw into the lock hole and tighten the screw.
把手电筒装在导轨上,插入螺丝并旋紧。
3. Press the switch to turn on the flashlight.
按下开关按钮。



10 Install Quick Aim Electronic Sight* 安装电子瞄准镜* (For specific packing only.)

1. POWER 电池安装

- Your QAE Scope Gs11 is powered by one 3 volt lithium long life battery No.CR2025 or equivalent. Should the red dot become dim or does not light at all, you will need to replace the battery. To install new battery, unscrew the battery cover in anticlockwise, and recover it in clockwise after replace the old battery with new.

百中瞄准镜GS11已安装有一节3伏长寿锂电池(CR2025,或其替代品).如果红点变暗或根本不发光,则须更换电池.更换电池时,先按逆时针方向旋开电池盖,取出旧电池,换入新电池,盖上电池盖并按顺时针方向旋紧。



2. MOUNTING 装上瞄准镜

- When you mount this sight on a dovetail base gun, unscrew right mounting screws, slide the sight onto the dovetail and tighten it at proper position.

安装该镜时,先拧松右边的固定螺丝,把瞄准镜基座卡入上导轨,调节至适当位置并旋紧螺丝。



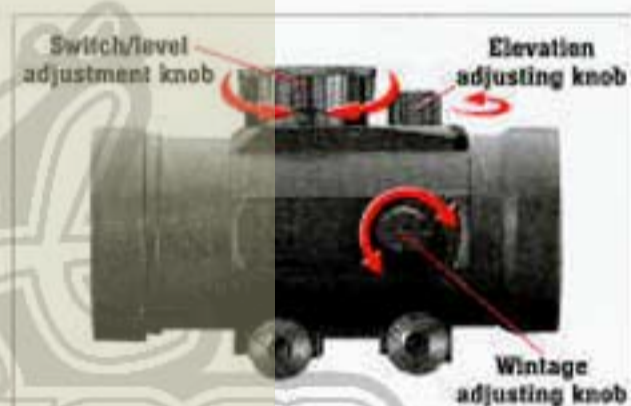
3. OPEN & CLOSE POWER 打开及关闭电源

- Engage the sight by turning the ON/OFF switch. Turning the switch at 2 position will open the sight with high light (suit for day), turning the switch at 1 position will open the sight with dark (suit for night), turning the switch at 0 position will close the power.

把开关调节钮旋至“2”位置,打开电源,红点较亮(适合白天使用).把开关调节钮旋至“1”位置,红点较暗(适合晚上使用).把开关调节钮旋至“0”关闭电源。

4. ADJUST THE CROSS SIGHT 调节十字准星

- Adjust the sight vertically by turning the elevation adjusting knob
- Adjust the sight horizontally by turning the windage adjusting knob
- 旋转垂直调节钮,以从垂直方向调节瞄准镜内之十字准星
- 旋转水平调节钮,以从水平方向调节瞄准镜内之十字准星



11 Install Adjustable Laser Aim Module (ALAM)* 安装激光瞄准器*

1. Install the Adjustable Laser Aim Module

安装可调激光瞄准器。

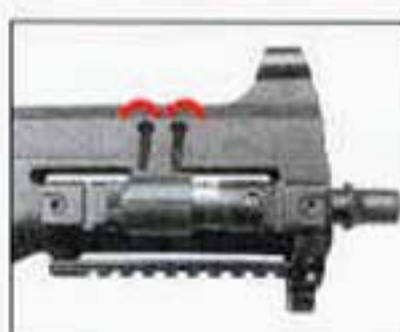
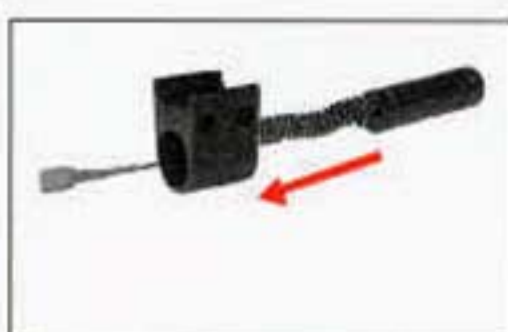
- Disengage the Cover of Laser, Install 3 batteries Ag10, then fasten the Cover. 旋开激光器后盖,装入3颗AG10扣式电池,注意对准极性方向。
- Install the Laser into the Laser base, Make two adjustment holes outside 把激光器插入激光器夹片中,把激光器头部二个调节孔置于外面。
- Slide the Laser base on the Rail, and fasten two Locking Screws 把激光器夹片基座滑入导轨适当位置,旋紧固定螺丝。
- Press the switch button of the Laser 按下激光器开关按钮。

2. Adjust the direction

调节射出点方向。

- Turning adjusting screws can adjust the sight direction by using the 2.5mm hexagonal key for the M5 setscrew.

把六角扳手插入瞄准器调节孔,旋转调节射出点方向,二小孔可同时调节,以达到更准确效果。



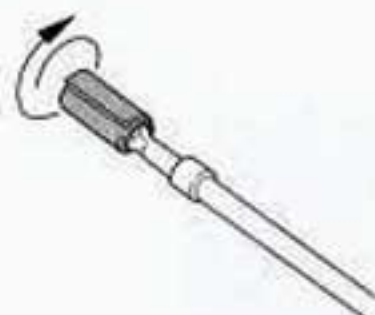
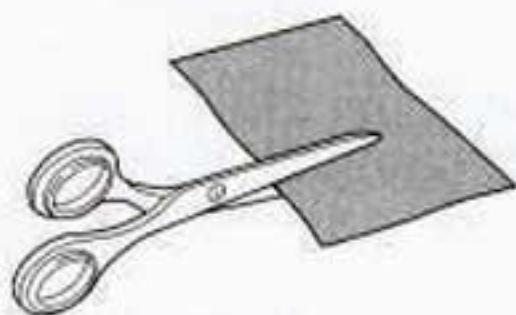
11 Maintenance 维护说明

1. Maintenance when Bullet Speed Becomes low 射出子弹速度变慢时的维护

- Apply Oil as shown below, using the cleaning rod and oiled cotton cloth. Insert cleaning rod into the barrel. 如下图所示,把棉布包扎在清洁棍上并喷上清洁剂,把清洁棍插入枪管中。
- To complete the cleaning, use the cleaning rod (with cotton) as shown below. To remove excess oil. 清洁完枪管后,换上干净布条,清除枪管中多余油渍。

Warning 警告

- Always carry out maintenance AFTER returning the hop up lever to the Normal position. (Hop-OFF)
做此维护前请务必把HOP Up调至正常位置。



Hold at the leading end of the rod and insert the rod into the barrel while turning the rod. 握住清洁棍适当位置慢慢旋转同时逐渐插入到枪管中。

Wind the cut cotton cloth. 把棉布穿过方形孔并卷紧



Inserting the rod will be difficult if you hold rod at the end.

2. Removing clogged bullets 卡弹处理

- Remove the magazine and return the hop up adjustment to the Normal position. 如发生卡弹时,先卸下弹匣,将上翻弹(Hop up)功能键调至正常位置。
- Insert the cleaning rod from the load edge of the barrel, be careful so that the angled part of the cleaning rod faces down, and remove clogged bullets. 把清弹棒插入枪管, (斜面向下), 子弹从弹盒插口退出。

3. Normal Maintenance 日常养护

- Keep the rifle in clean condition. 把枪支放置在清洁地方
- Never use dirty, damaged or distorted bullets. 禁止用脏污的, 受损的或劣质子弹。
- Regularly clean the barrel with soft cleaning rod. 定期用洁净导棍清洁枪管。

4. Fine Adjustment of Gear Engagement 调节电机齿合

- Only when the motor noise becomes high after operations for a long period of time. Conduct the fine adjustment as shown. 当使用一段时间后, 电机噪声可能变响, 这时须调节电机齿合, 如右图所示。



M2.5 hexagon wrench. Remove two screws and cover from the grip bottom.



M2.5 hexagon wrench. Pull trigger while adjusting the set screw to the left or right. Stop turning when the motor is the quietest.



Code:50M8901
Name:Charger
名称:充电器



Code:50M8902
Name:8.4V Ni-MH
Battery Pack
名称:电池组



Code:20M8902
Name:Magazine
名称:弹盒



Code:20M8903
Name:Gear Box(Including
Motor)
名称:波箱(含电机)



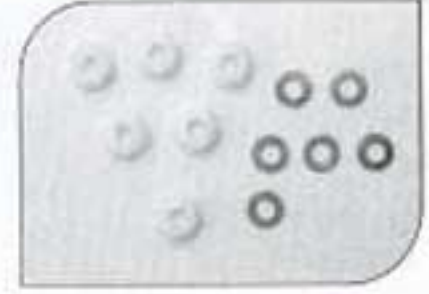
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Name:Motor Set
名称:电机组



Code:20M8905
Name:Gear Set
名称:齿轮组



Code:20M8906
Name:Piston Set
名称:活塞组件



Code:20M8908
Name:Bushing and
Shim
名称:杯士及轴套



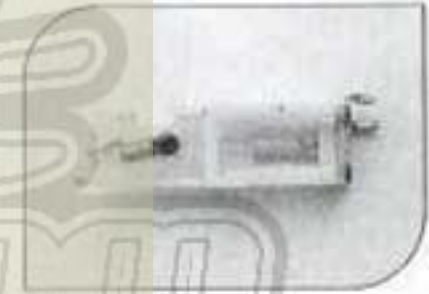
Code:20M8911
Name:Trigger Set
名称:扳机组



Code:20M8912
Name:Spring Guide
名称:动力弹簧导柱



Code:20M8913
Name:Selector /Switch
Set
名称:功能/开关组件



Code:20M8914
Name:Power Switch
Set
名称:开关触点组



Code:20M8915
Name:Hop-Up Set
(Including Barral)
名称:Hop-up 组(含枪管)



Code:20M8916
Name:Motor Housing
名称:电机架



Code:20M8991
Name:Anti-Reversal
Latch
名称:防逆转销钉



Code:20M8992
Name:Semi-Auto
Cut-off Lever
名称:单连发触件



Code:20M8993
Name:Gear Box
Tappet
名称:波箱传动杆



Code:20M8994
Name:Selector/Switch
Tappet
名称:功能/开关传动杆



Code:B-01-1
Name:Piston O Ring
名称:活塞O形圈



Code:M86-04-1
Name:Hop-up Bucking
名称:Hop-up 胶皮

UNIVERSO SNIPER AIRSOFT