

# CAM SERIES

# CAM MK II

## OWNER'S & INSTRUCTION MANUAL



### **WARNING!**

**Do not use CAM870 Co2 Cartridge Shell  
on this CAM MKII Shotgun.  
It will damage the gas bolt permanently!**

### **IMPORTANT**

READ ALL INSTRUCTIONS  
AND WARNINGS IN THIS  
BOOK BEFORE USING THE ACTION MARKER.



## COMPROMISE IS NOT



**APS**  
CONCEPTION



**HAKKOTSU**

## AN OPTION

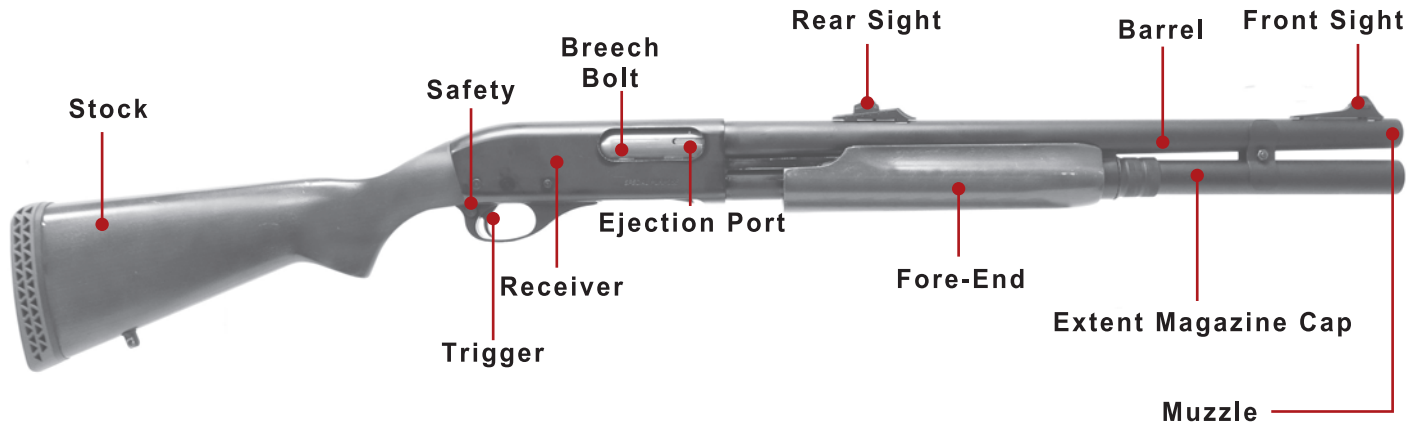


**SAFETY**

## Safety is Critical to Performance

A superbly crafted airsoft is only as good as the hands that hold it. You can never be too careful. Shooting accidents are often caused by careless oversights such as failing to control the direction of the muzzle, failing to fully engage the safety, leaving ammunition in the chamber or using improper loads. These oversights can result critical that you know the principles of safe airsoft handling and storage before you ever take your new **CAM MK II** out of the box.

The proper use and performance of your airsoft depends on correct assembly and maintenance, so it's critical that you familiarize yourself with the information in this instruction book. Not all airsofts are the same. That means the first step in safe handling is to learn the features and requirements of your new CAM.





# THE TEN COMMANDMENTS OF AIRSOFT SAFETY

## THE TEN COMMANDMENTS OF AIRSOFT SAFETY

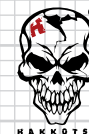
The Ten Commandments of Airsoft Safety should be etched in your memory forever. Let them govern your action wherever and whenever you're involved with airsoft. In the field. On the range. Or in your home. Please take the time to review and understand these rules.

### ***1st COMMANDMENT***

#### **Always Keep the Muzzle Pointed in a Safe Direction**

This is the most important safety rule. A safe direction is one in which an accidental discharge will not cause injury to yourself or others. Never allow your airsoft to point at anything you don't intend to shoot. Be especially careful when you're loading or unloading. Treat every airsoft as if it were loaded. And make it a habit to know where the muzzle is pointed at all times, even when your airsoft is unloaded. No one will be injured by an accidental discharge if you keep your airsoft pointed in a safe direction. It's as simple as that.

# THE TEN COMMANDMENTS OF AIRSOFT SAFETY



## 2nd COMMANDMENT

### **Airsofts Should Be Unloaded When Not Actually in Use**

Load your airsoft only when you're in the field or on the target range and ready to fire. Never let a loaded airsoft out of your sight or out of your hands. Unload it as soon as you're finished shooting - before you bring it into your car, camp or home. Remember, unloading your airsoft means unloading it completely, so there is nothing in the chamber or in the magazine. Before handling a airsoft or passing it to someone else, visually check the chamber, receiver and magazine to be certain they do not contain object. Always keep the airsoft action open when not in use. Never assume an airsoft is unloaded even if you were the last person to use it. Always check for yourself.

Let common sense rule when you carry a loaded airsoft. If you're in situation that could risk accidental discharge - such as crossing a fence, wading through a stream or climbing a tree - always unload your airsoft. Never pull or push a loaded airsoft toward yourself or another person. And never carry a loaded airsoft in a scabbard, detached holster or gun case.

Safe storage of airsofts is just as critical as safe handling. Never store airsofts loaded and be sure to keep your airsofts in a secure place where unauthorized persons cannot get their hand in them without your knowledge.

Take special care if there are children around. Kids are fascinated by airsofts. It's a natural curiosity that can have tragic consequences when not properly supervised.



# THE TEN COMMANDMENTS OF AIRSOFT SAFETY

## ***3rd COMMANDMENT***

### **Don't Rely on Your Airsoft's Safety**

Treat every airsoft as it can fire at any time, whether or not there's pressure on the trigger. Your airsoft has been carefully designed to maximize performance and safety. However, because an airsoft's safety is a mechanical device that could fail.

Human error is a more likely reason for a airsoft safety to fail. By mistake, you may think the safety is on when it really isn't. Or the safety may have been disengaged without your knowledge, or you could think your airsoft is unloaded when there's actually a cartridge or shell in it. A mechanical safety is not a substitute for common sense. It's merely a supplement to your proper handling of an airsoft.

Never touch the trigger on a airsoft until you are ready to shoot. Keep your fingers away from the trigger when you're loading or unloading. And don't pull the trigger when the safety is engaged or positioned between safe and fire.

Before using your airsoft, read this instruction book to understand the exact location and operation of your airsoft's safety. Even when the safety is on, maintain control of your loaded airsoft and control the direction of the muzzle. In other words, don't rely on your safety to justify careless handling. If your airsoft's internal mechanisms are broken or have been altered, your airsoft may fire even when the safety is on. Remember, you and your safe airsoft-handling practices are your airsoft's best safety.

# THE TEN COMMANDMENTS OF AIRSOFT SAFETY



## **4th COMMANDMENT**

### **Be Sure of Your Target and What's Beyond It**

You can't stop a shot in mid-air, so never fire unless you know exactly where your shot is going and what it will strike. Never fire at a sound, a movement or a patch of color. A hunter in camouflage can easily be mistaken for a target by an impulsive shooter. Before you pull the trigger be absolutely sure of your target and what's behind it. Make sure the shot has a backstop such as a hillside or dense material like sand. Remember, BB bullets can travel a distances with tremendous velocity. Know how far you shot will go if you miss your target or the BB bullet ricochets.

## **5th COMMANDMENT**

### **Use Proper Ammunition**

Every airsoft is designed to use BB bullets. Using the wrong objects can cause serious personal injury or death. And it only takes one cartridge or shotshell of the incorrect objects, or which has been improperly reloaded, to destroy your airsoft. It's your responsibility to make sure the BBs you use exactly matches of your airsoft.

Confusing shells or cartridges can cause serious personal injury or death and destroy your airsoft. Examine your shells or cartridges closely and use only the precise BBs for your specific airsoft.



# THE TEN COMMANDMENTS OF AIRSOFT SAFETY

---

## ***6th COMMANDMENT***

### **If Your Airsoft Fails to Fire When the Trigger is Pulled, Handle With Care**

If for some reason the cartridge doesn't fire when you pull the trigger, stop and remember the 1st Commandment of Airsoft Safety - always keep the muzzle pointed in a safe direction. Keep your face away from the breech, then put the safety on, carefully open the action, unload the airsoft and dispose of the cartridge safely. Remember that anytime there's a shell in the chamber, your airsoft is loaded and ready to use. Even if you tried to shoot and your airsoft didn't fire, treat your airsoft as if it could still discharge.

## ***7th COMMANDMENT***

### **Always Wear Eye protection When shooting**

Your sight risk injury from shooting and should be protected at all times. Wear protective shooting glasses to guard against falling shot, clay target chips, ruptured cartridge cases and even twigs and branches in the field. Also be sure to wear eye protection when you're disassembling or cleaning an airsoft so that tensioned parts (like springs) and cleaning solvents don't come in contact with your eyes.

# THE TEN COMMANDMENTS OF AIRSOFT SAFETY



## 8th COMMANDMENT

### **Be Sure the Barrel is Clear of Obstructions Before Shooting**

Before loading your airsoft, open the action and make sure there's no shell in the chamber or magazine. Check the barrel for any obstructions or debris. Even a small amount of snow, mud, excess lubricant or grease in the bore can dangerously increase pressure when firing. Use a cleaning rod and patch to wipe away anti-rust compounds or any other residues or obstructions in the barrel. Never try to shoot out an obstruction by loading another shell and firing!

When firing, rely on your instincts. If the noise or recoil of your airsoft seems weak, stop everything, unload your airsoft and be sure nothing is lodged in the barrel.

## 9th COMMANDMENT

### **Don't Alter or Modify Your Airsoft**

Your airsoft has been designed to operate according to certain factory specifications. You'll jeopardize your safety and that of others around you by attempting to alter its trigger, mechanical safety or other mechanisms. So never alter or modify your airsoft in any way.

Proper cleaning and lubrication are also important to airsoft maintenance and are necessary to assure accuracy, safety and reliability. Before cleaning, always make sure that your airsoft is completely unloaded. And always clean the barrel from the chamber end to the muzzle when possible.



# THE TEN COMMANDMENTS OF AIRSOFT SAFETY

Be sure to clean your entire airsoft before and after long-term storage and no less than once a year. It's also important to clean your airsoft whenever it's been exposed to adverse conditions such as rain, dirt, mud, snow, sleet or saltwater.

For safe and dependable operation of your airsoft, all parts of your airsoft must be properly cleaned and lubricated. Periodically inspect the internal workings of your airsoft to be sure they're clean and free of rust, unwanted dirt and debris.

Use recommended lubricants on your airsoft and do not over-lubricate. Excessive use of a non-recommended lubricant could adversely affect the function and safe operation of your airsoft. Remember, you are responsible for the proper care and maintenance of your airsoft, it can expose you and others to unnecessary risks of personal injury or death.

## ***10st COMMANDMENT***

### **Learn the Mechanics and Handling Characteristics of Your Airsoft**

Not all airsoft are alike. They have different mechanical characteristics that dictate how you should carry and handle them. Anyone who plans to use an airsoft should first become totally familiar with the type of airsoft it is and the safe handling procedures for loading, unloading, carrying, shooting and storing it.

Before you even unpack your new CAM870M, read this instruction book from cover to cover and familiarize yourself with the different component parts of the airsoft. Then read, understand and follow the Ten Commandments of Airsoft Safety in this book.

# SHOOT SOBER!!!



There's one other rule that must be followed when handling airsofts. In fact, respect for this rule is necessary in order to effectively practice the Ten Commandments of Airsoft Safety. **The rule is : SHOOT SOBER!** Never consume anything that would mildly impair your judgment or physical coordination when you're using an airsoft. Be smart. Always shoot sober.

**WARNING!** Failure to follow any of these safety rules may cause personal injury or death to the shooter or bystander and damage to property. Do not use an airsoft until you fully understand and practice the Ten Commandments of Airsoft Safety.

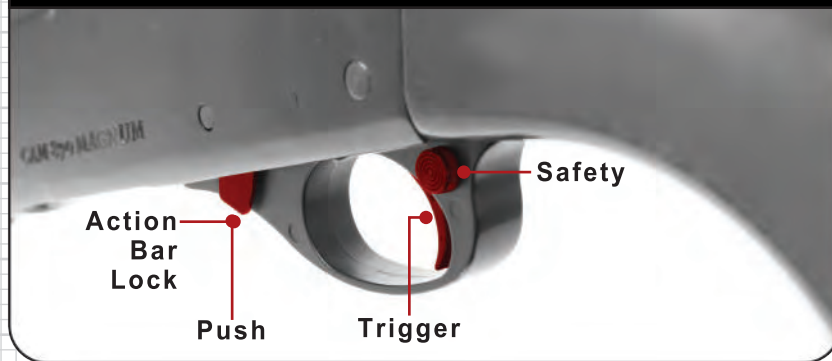
## DON'T KEEP THIS TO YOURSELF

Now that you're a CAM owner you have the obligation to help ensure that shooting sports are safe for everyone - participants and bystanders alike. You can do that by practicing these principles of airsoft safety and passing them on to others - especially new shooters. Set an example for beginners. Be a guide to their safe entry into the exciting world of shooting sports. Invest your time and patience for the love of the sport and for its future. After all, it's your love of the sport that led you to buy a new CAM.



## THE SAFETY MECHANISM

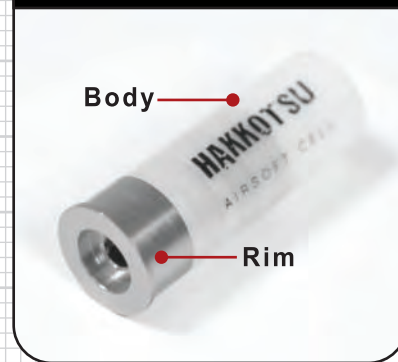
Picture 01



Picture 02



Picture 03



# THE SAFETY MECHANISM



The safety mechanism on the **CAM MK II** is a button located behind the trigger, commonly known as a cross-bolt safety.

**See Picture 01.**

The safety mechanism provides protection against accidental or unintentional discharge under normal usage when properly engaged and in good working order.

To engage the safety mechanism, push the button so the **RED BAND MARKING CANNOT BE SEEN.**

Always engage the safety mechanism when the airsoft is loaded and you do not intend to shoot.

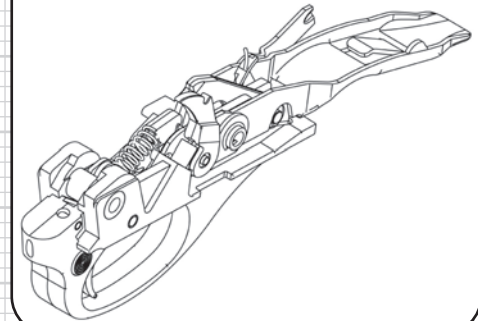
Never pull the trigger when the safety mechanism is engaged.

When you are ready to fire the airsoft, press the safety mechanism so that the **RED BAND MARKING IS SHOWING.**

Do not touch the trigger while moving the safety mechanism.

Your fingers and all other objects should be kept outside of the trigger guard and away from the trigger until you are actually ready to fire by pulling the trigger.

**Picture 04**





## THE SECURITY SYSTEM

### WARNING!

The airsoft will fire when the trigger is pulled and the **RED BAND MARKING IS SHOWING**. Even when the safety mechanism is engaged, careless handling can cause the airsoft to fire. See Ten Commandments of Airsoft Safety.

### The Security System

The safety mechanism on the airsoft you have purchased is a button located behind the trigger, commonly known as the cross-bolt safety.

The safety mechanism provides additional protection against accidental or unintentional discharge under normal usage when properly engaged and in good working order.

### The Fore-End

The fore-end is used to pull the bolt rearward to open the action.

### TO OPEN THE ACTION

1. Push upward on the action bar lock. See Picture 01.
2. Pull the fore-end rearward to open the action.

**WARNING!** When the fore-end is forward, the action is closed and the airsoft can be fired.

### The Trigger

Pulling the trigger fires the airsoft.

The weight of the trigger pull is preset at the factory.

**WARNING!** NEVER put your finger on the trigger unless you are going to fire to airsoft.

# THE SECURITY SYSTEM



## I. TO CHECK THE INSIDE THE BARREL:

*WARNING! Look into the ejection port. Check the chamber and magazine to make sure there are no shells in the airsoft.*

1. Point the airsoft in a safe direction,
2. Engage the safety mechanism. Make sure the **RED BAND IS NOT SHOWING.**
3. Pull the fore-end fully rearward to open the action.
4. Insert a cleaning rod into the muzzle. Push the cleaning rod all the way through the barrel, until the rod can be seen in the ejection port.

## II. TO REMOVE AN OBJECT FROM INSIDE THE BARREL:

*WARNING! NEVER try to remove an object from the barrel by loading a cartridge and firing. This may cause the barrel to burst or a cartridge case to rupture and cause serious personal injury or serious damage to the firearm and injury or death to the shooter or bystanders.*

1. Use the correct cleaning rod.
2. Insert a cleaning rod into the muzzle and lightly tap rod to free objects.
3. If an object cannot be easily pushed out of the barrel with a cleaning rod, return the airsoft to a RECOMMENDED GUNSMITH.

## III. TO CLEAN THE BARREL AND CHOKE TUBE:

BEFORE LOADING THE AIRSOFT:

Make sure the inside of the barrel is free of dirt or other objects.

TO CHANGE THE CHOKE TUBE:

*WARNING! UNLOAD the airsoft before changing choke tubes. Leave the action OPEN and the chamber and magazine EMPTY.*

1. Point the airsoft in a safe direction.
2. Engage the safety mechanism. Make sure the **RED BAND IS NOT SHOWING.**



## LOAD AND UNLOAD

3. Place the choke tube wrench into the choke tube.
4. Turn the wrench counter-clockwise and remove the choke tube.
5. Select the desired choke tube and insert the tube into the barrel.
6. Tighten the choke tube snugly, but **DO NOT OVERTIGHTEN**.
7. With the action open and the chamber and magazine empty, check the choke tube occasionally to make sure the tube had not loosened.

**NOTE: NEVER fire the airsoft without the choke tube installed.**

### How To Load And Unload

**WARNING!** Always check the shell for the correct gauge and length before loading the airsoft.

#### ***1. TO LOAD ONE SHELL ONLY:***

1. Point the airsoft in safe direction.
2. Engage the safety mechanism. **RED BAND WILL NOT SHOW.**
3. Push upward on the action bar lock.
4. Pull the fore-end fully rearward to open the action.
5. Put one shell of the correct gauge and length through the ejection port.
6. Push the fore-end forward to close the action.

**WARNING! THE AIRSOFT IS NOW LOADED AND CAN BE FIRED.**

7. To fire the airsoft, first disengage the safety mechanism. **RED BAND WILL SHOW.**

#### **THE AIRSOFT IS READY TO FIRE.**

8. Pull the trigger to fire the airsoft.
9. Pull the fore-end fully rearward forcefully to eject the empty shell.

## **LOAD AND UNLOAD**



### **II. TO LOAD THE CHAMBER AND MAGAZINE:**

1. Point the airsoft in a safe direction.
2. Engage the safety mechanism. **RED BAND WILL NOT SHOW.**
3. Push upward on the action bar lock.
4. Pull the fore-end fully rearward to open the action.
5. Put one shell of the correct gauge and length through the ejection port.
6. Push the fore-end forward to close the action

### **THE AIRSOFT IS NOW LOADED.**

7. Press shell against the carrier.

**WARNING!** BEFORE LOADING, ALWAYS CHECK THE BARREL MARKING FOR THE CORRECT GAUGE AND CHAMBER LENGTH. NEVER USE AMMUNITION WHICH EXCEEDS THE CHAMBER LENGTH SHOWN ON THE BARREL.

**WARNING!** Be sure the rim of each shell snaps past the shell latch to prevent the shell from sliding back over the carrier.

If the shell slides back over the carrier:

- Engage the safety mechanism. Make sure the **RED BAND IS NOT SHOWING.**
- Keep the airsoft pointed in a safe direction.
- Forcefully OPEN the action or
- REMOVE the trigger plate assembly following the instructions shown on page 13 and remove the shell.

### **THE CHAMBER AND MAGAZINE ARE NOW FULLY LOADED.**

9. To fire the airsoft, first disengage the safety mechanism.  
**RED BAND WILL SHOW.**



## LOAD AND UNLOAD

### THE AIRSOFT IS READY TO FIRE.

10. Pull the trigger to fire the airsoft.
11. Pull the fore-end fully rearward forcefully to eject the empty shell.
12. Slide the fore-end forward to chamber the next shell.
13. Engage the safety mechanism when you are finished firing. **RED BAND WILL NOT SHOW.**

### III. TO UNLOAD THE AIRSOFT:

1. Point the airsoft in a safe direction.
2. Engage the safety mechanism. **RED BAND WILL NOT SHOW.**
3. Push upward on the action bar lock.
4. Pull the fore-end slowly rearward until the front of the shell is even with the ejection port.
5. Lift the front of the shell outward and remove from the ejection port.
6. Pull the fore-end fully rearward until the next shell is released from the magazine.
7. Tip the airsoft sideways to allow the shell to drop from the ejection port.
8. Close and open the action until all shells are removed.

**WARNING!** Look into the ejection port. Check the chamber and magazine to make sure there are no shells in the airsoft.



## LOAD AND UNLOAD

Picture 05



Picture 06



Fill the bolt by using the charging adapter comes with the box. 88g disposal Co2 Cylinder is recommended. Charge for 8 - 10 seconds.

**Warning:**

Do not use other charging adapter or you may damage the valve.

Install the wad, load 11 rounds BB to the shell, seal the shell by putting the cover onto it.

Picture 07



Picture 08



Picture 09



[WWW.APSRAM.COM](http://WWW.APSRAM.COM)

NO OTHERS COMPANY OUT CAN MATCH OUR  
LEVEL AND DEGREE OF CONCEPTION.

APS CONCEPTION,  
WE SET THE STANDARD FOR OTHERS TO FOLLOW.