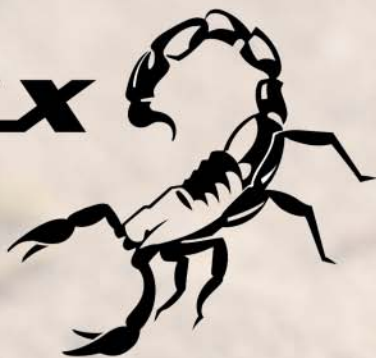


Mordax



Western Airguns
Mordax Selective-Fire
Pre-Charged
Pneumatic
Air Pistol

User Guide

**READ THIS GUIDE BEFORE USING
YOUR GUN FOR THE FIRST TIME.
IT CONTAINS USEFUL
INFORMATION TO HELP YOU
SHOOT YOUR AIR PISTOL SAFELY
AND CORRECTLY.**



Western Airguns are proudly Made in the USA

Warnings:



WARNING: THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. FOR MORE INFORMATION GO TO WWW.P65WARNINGS.CO.GOV.



WARNING: NOT A TOY. THIS AIRGUN IS FOR ADULT USE ONLY. MISUSE OR CARELESS USE MAY CAUSE INJURY OR DEATH. MAY BE DANGEROUS UP TO 1,000 YARDS (915 METERS).



WARNING: THIS IS A HIGH-POWERED, SELECTIVE-FIRE AIRGUN. EACH TIME YOU PULL THE TRIGGER, THE Mordax FIRES AND AUTOMATICALLY LOADS ANOTHER ROUND READY FOR THE NEXT SHOT. LONGER TRIGGER PULLS WILL FIRE MULTIPLE SHOTS. THIS MEANS THAT YOU NEED TO EXERCISE CONSIDERABLE CARE AND USE THE SAFETIES RIGOROUSLY TO AVOID UNINTENTIONAL DISCHARGES.



WARNING: DO NOT BRANDISH THIS AIRGUN IN PUBLIC. IT MAY CONFUSE PEOPLE AND BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A FIREARM. DO NOT CHANGE THE COLORATION OR MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.



WARNING: EXPLOSION DANGER. USE ONLY DRY COMPRESSED AIR IN THIS AIRGUN. THE USE OF OTHER GASES, INCLUDING OXYGEN OR NITROGEN CAN CAUSE A FIRE OR EXPLOSION AND MAY RESULT IN SERIOUS INJURY OR DEATH. DO NOT OVERFILL BEYOND THE MAXIMUM 300 BAR (4,350 PSI) FILL PRESSURE.



WARNING: EXPLOSION DANGER. DO NOT INTRODUCE PETROLEUM-BASED LUBRICANTS INTO THE HIGH PRESSURE AIR BOTTLE OR ANY PART OF THE ACTION OR AN EXPLOSION MAY RESULT, RESULTING IN SERIOUS INJURY OR DEATH.

Welcome to the Mordax!

Thank you for choosing a Western Airguns Mordax air pistol. We hope that you will be happy with your new airgun!

The Mordax is a powerful selective-fire (semi- and full-automatic) air pistol powered by High Pressure Air (HPA). It will repay care in ownership with many years of trouble-free service.

Being a selective-fire airgun, each time you pull the trigger, the Mordax fires **AND** automatically loads another round ready for the next shot. Longer pulls of the trigger will cause multiple shots to be fired. This means that you need to exercise considerable care to avoid unintentional discharges.

The most important piece of advice we can give is for you to read this entire manual very carefully. Here you will find information to help you use the airgun safely. Safety is the top priority for all shooters, as you will undoubtedly agree.

Before using the Mordax, the owner and user must understand and obey all applicable laws. Check local, state and federal laws in your area.

If you intend to hunt with the Mordax in the USA, the Airgun Sporting Association website provides a state-by-state guide to hunting laws and links to specific State Agencies for further investigation. <https://airgunsporting.org/laws/>

The Mordax includes open sights, or you can mount a scope for more accurate shooting. It also requires appropriate HPA supply equipment (tanks, compressors, etc.) to function. Check with your dealer for advice on suitable accessories and ammunition to use with this air pistol.

Any damage or injury resulting from mis-use or incorrect handling is the sole responsibility of the owner and/or shooter.

Performance Specifications:

The Mordax is designed to achieve the following performance levels. Note that multiple factors may affect this performance including pellet weight, elevation above Sea Level, temperature and humidity. Each Mordax is custom tuned at the factory and the following guidelines may vary slightly.

.22 Caliber

	Regulator Pressure	Shots Per Fill	Muzzle Energy
Minimum	110 Bar* 1,600 PSI	Up To 45	Up To 12 Ft/Lbs
As Shipped	135 Bar 1,960 PSI	Up To 30	Up To 25 Ft/Lbs
Maximum	190 Bar 2,750 PSI	Up To 7	Up To 40 Ft/Lbs

.25 Caliber

	Regulator Pressure	Shots Per Fill	Muzzle Energy
Minimum	110 Bar* 1,600 PSI	Up To 50	Up To 11 Ft/Lbs
As Shipped	135 Bar 1,960 PSI	Up To 30	Up To 30 Ft/Lbs
Maximum	190 Bar 2,750 PSI	Up To 7	Up To 45 Ft/Lbs

.30 Caliber

	Regulator Pressure	Shots Per Fill	Muzzle Energy
Minimum	110 Bar* 1,600 PSI	Up To 60	Up To 10 Ft/Lbs
As Shipped	135 Bar 1,960 PSI	Up To 36	Up To 36 Ft/Lbs
Maximum	190 Bar 2,750 PSI	Up To 6	Up To 50 Ft/Lbs

*Full auto requires 135 BAR regulator pressure.

Please read and digest the instructions in this User Guide. If anything is not clear, or you do not understand, **DO NOT TAKE A CHANCE.** Instead contact the dealer you purchased the gun from. They are authorized to handle any service issues and will be happy to help you.

Shoot Safe By Following These Rules:

1. PERSONAL SAFETY:

ALWAYS treat the Mordax as if it is loaded and ready to fire.

NEVER point the airgun at any person, even if you know it is unloaded.

ALWAYS keep the muzzle pointed in a safe direction, including when carrying the pistol.

ALWAYS handle the Mordax with the same respect as you would a cartridge firearm.

ALWAYS wear shooting glasses and wear ear defenders. Ensure others around you do the same.

NEVER put any part of your body over the muzzle.

ALWAYS keep your finger off of the trigger until it is safe and you are ready to shoot.

ALWAYS have the safety set to “safe” when carrying the gun, handing it to others or preparing to fire.

NEVER load ammo into the gun until it is safe and you are ready to fire.

NEVER set the safety to “fire” until the moment you intend to shoot.

BUT NEVER trust the safety 100%. It is a mechanical device and could fail. Safe gun handling is the real best safety!

ALWAYS remember that the Mordax is a selective-fire airgun. Each time you pull the trigger, the Mordax fires **AND** automatically loads another round ready for the next shot. Longer pulls of the trigger will cause multiple shots to be fired.

NEVER leave the Mordax loaded and unattended.

NEVER hand the gun to another person unless it is unloaded and the safeties are set to “safe”.

2. STORAGE AND TRANSPORT SAFETY:

ALWAYS store the Mordax unloaded and with the safeties set to “safe”. Do not store ammo with the gun.

NEVER store the Mordax where it could be accessed by children.

ALWAYS transport the Mordax in a secure, opaque, protective gun case.

NEVER open the gun case until at the firing point, ensuring the muzzle points safely down range.

ALWAYS ensure the Mordax is unloaded and on “safe” when carrying it in a vehicle, building or any public place.

NEVER walk, run or jump when carrying a loaded airgun.

NEVER climb a tree, fence or jump a ditch when carrying any loaded gun.

3. DOWNRANGE SAFETY:

NEVER point the airgun at anything you do not intend to shoot.

ALWAYS consider what’s behind the target you are shooting at. You may miss, or the Mordax may shoot clean through the target!

ALWAYS have a strong, safe backstop behind the target so that no person can be injured or property damaged when shooting.

NEVER shoot at targets on water or at hard surfaces that can cause ricochets.

ALWAYS ensure that no ammo remains in the Mordax at the end of a shooting session. “Dry fire” it in a safe direction to be certain.

ALWAYS engage brain before pulling the trigger!

Improper use or handling of the Mordax is not the responsibility of Western Airguns or the dealer selling the gun. The owner and/or shooter is responsible for any harm or damage, however it may be caused.

Knowing the Mordax:



1. Airgun Silencer (optional)
2. HPA Tube Pressure Gauge
3. Front Sight
4. Picatinny Optics Rail
5. High Pressure Air Tube
6. Regulator Adjuster
7. Fill Nipple (can be inserted from either side)
8. Magazine Release Lever
9. Removable Magazine
10. Power Adjuster
11. Rear Sight
12. Folding Buttstock
13. Fill Nipple (can be either side)
14. Regulated Air Pressure Gauge
15. Safety/Fire Selector
16. Trigger Blade (fixed)

Right side - opposite
Left side - below



Things To Know Before Filling The Mordax With High Pressure Air:

The Western Airguns Mordax is designed and intended to be filled with clean, dry High Pressure Air or Nitrogen only. No other gas or gas combination can be used.

NEVER OVERFILL BEYOND 4,350 PSI / 300 BAR

The Mordax's maximum fill pressure is 300 BAR (4,350 PSI).

The minimum fill pressure is 140 BAR (2,030 PSI): if the HPA bottle's pressure falls to this point, the Mordax must be re-charged with additional High Pressure Air.

Filling to a higher pressure than 300 BAR (4,350 PSI) will **NOT** increase the power - in fact power may actually be reduced or the gun not fire due to valve lock. It can also damage the air pistol.

Charging the Mordax requires an appropriate HPA tank or compressor. Check with your dealer for advice on suitable equipment. Ensure that you know how to operate all the charging equipment properly before filling the gun.

Do not over-fill or under-fill the gun.

Filling Steps:

1. **ALWAYS** wear safety glasses when filling with High Pressure Air.
2. **ENSURE** that the Mordax is completely unloaded and pointed in a safe direction.
3. Attach the female quick disconnect of the tank or compressor hose securely to the male connector on the gun (1) in photo to the right.
4. Ensure the tank or compressor bleed valve is closed. Then charge the gun, monitoring the gauge on the tank or compressor for pressure. Confirm with the Mordax's fill gauge.

As confirmation, the fill pressure can be seen on the gauge at the end of the Mordax pressure tube.



Note that the side gauge (2) in the photo below monitors the regulator pressure, NOT the fill pressure.



5. Fill the Mordax slowly to minimize heat buildup and to avoid over-filling.
6. After the maximum fill pressure is reached (4,350 PSI / 300 BAR), close the tank or compressor valve. Then use the bleed valve to completely remove air pressure from the hose. If you do not do this the hose may whip dangerously when disconnected, causing damage or injury.
7. Disconnect the fill hose. The Mordax is now ready to load with ammo and fire.

Note that when filling the Mordax **for the first time**, a large HPA tank must be used. You will hear "clicking sounds" when this is accomplished.

A small HPA compressor cannot be used for the first fill as it does not supply pressure rapidly enough. A small HPA compressor can be used for subsequent fills, however.

Understanding And Operating The Safety:

The Mordax has a Safety on the left side of the gun.

Set the Safety to “SAFE” at all times unless ready to shoot.

For the gun to fire, the Safety has to be rotated “off” to a fire mode.



The Safety also functions as a fire selector switch. In “SEMI”, the gun will fire once each time the trigger is pulled.

In “AUTO”, one pull of the trigger will fire multiple shots. If the trigger is not released, the entire magazine may be fired.

Sights:

The Mordax is fitted with front and rear open sights. The rear sight is adjustable for elevation and windage.

In addition, the gun is equipped with a full-length Picatinny rail for mounting a scope, red dot or other optic.

Proving “Safe”:

WARNING: The Mordax has a semi-automatic action. There is no charging handle or bolt.

To prove that the Mordax is safe, with no pellets or slugs remaining in the barrel, the magazine should be removed by pushing forward on the Magazine Release Lever. The gun can then be fired repeatedly in a safe direction until proven empty and clear. Note that the gun makes a different sound when fired on an empty chamber.



Fill Adapter:

The Mordax has an interchangeable Fill Adapter. This can be installed from either side of the gun, as required. It simply pulls out and pushes back in.



Loading The Magazine:

The Mordax uses a removable magazine that holds 12 to 15 shots depending on caliber.

1. **ALWAYS** ensure that the Mordax is pointed downrange in a safe direction.
2. Set the Safety to "SAFE". (See Page 7).
3. Push the Magazine Release lever forward.



4. Remove the cover plate from the magazine and push pellets or slugs into the chambers as shown below.

Replace the cover plate on the rear of the magazine. It is held in place magnetically.



5. With the magazine Release Lever still forward, push the magazine into the magazine well from the right.



As the magazine clicks into place, **slightly rotate the magazine counter-clockwise** (as seen from the rear).
Now the Magazine Release Lever can be



pushed back and up.

The Mordax is now loaded and will fire when the Safety is "Off" and the trigger pulled.

Note that the Mordax does NOT have a charging lever that requires operating before the gun will fire. In this respect, the airgun is very different from a semi-automatic firearm.

Trigger:

The two-stage trigger is set at the factory for best performance and is **not adjustable**. This is to ensure correct functioning with the semi-automatic action.

Note that the trigger blade is held in a fixed position by its setscrew. The trigger blade position is not adjustable.

Note that it is necessary to completely remove pressure from the Mordax's trigger between shots. If you do not do this, the gun may not fire again until you do so.

Removing And Reinstalling The Barrel

The Mordax is equipped with a removable barrel that threads securely into the receiver.

Reasons for removing and replacing the barrel include cleaning, clearing a serious jam and changing to a different barrel for caliber.

1. **PROVE THAT THE GUN IS SAFE!** See page 7 of this Guide.

2. Loosen the four barrel clamping screws using a 2.5 mm hex wrench.



3. Grasp the barrel and rotate counter-clockwise. Keep rotating until the barrel assembly is unscrewed from the receiver.

4. Pull the barrel assembly out to remove it from the action.

5. To replace the barrel, screw it clockwise into the receiver until it comes to a stop (do not over-tighten).

6. Then back-off the barrel 1/8 turn counter-clockwise.

7. Re-tighten the four barrel clamping screws.

8. Now insert an empty magazine into the action. **DO NOT LOAD WITH AMMO!**

9. If the magazine does not rotate, loosen the barrel clamping screws and rotate the barrel very slightly counter-clockwise. Repeat steps 5 and 7 until the magazine rotates freely.*

10. Fill with HPA, load and carefully test-fire the re-assembled Mordax.

*If you feel a burst of air blowing against your face when the Mordax fires, it is probably because the barrel has been backed-off slightly too far. Loosen the barrel clamping screws, rotate the barrel A VERY SMALL AMOUNT clockwise, re-tighten the screws and test again.

Removing And Reinstalling The High Pressure Air Tube

The Mordax is equipped with a removable High Pressure Air (HPA) tube that threads securely into the receiver.

1. **PROVE THAT THE GUN IS SAFE!** See page 7 of this Guide.

2. Shoot down the Mordax until all of the HPA is exhausted. The gun no longer goes “bang”.

3. Now carefully rotate the HPA tube counter-clockwise until it can be removed from the receiver.



4. A replacement, longer, HPA tube can now be installed by screwing it on to the receiver. Alternatively, the original HPA tube can be re-installed if desired.

5. Ensure that the HPA tube is screwed hand-tight against the receiver. Before re-filling with High Pressure Air.

Power Adjustment:

Note that a suitable Chronograph is required to understand changes made to the Power Adjuster knob.

If you do not have access to a Chronograph, it is suggested that you **DO NOT** change the factory power setting.

A Power Adjuster knob is provided on the underside of the Mordax, between the trigger guard and pistol grip.



To increase the power, rotate the knob **COUNTER CLOCKWISE** as viewed from the underside.

To decrease the power, rotate the knob **CLOCKWISE** as viewed from the underside.

Increasing the power will reduce the shot count per fill as more High Pressure Air is used for each shot. Conversely, reducing the power will increase the shot count.

Changes to the Power Adjuster will cause the Point of Impact (POI) on the target to rise or fall. It is advisable to re-sight in the scope after making any power changes.

Regulator:



Power changes can also be made by changing the regulator set pressure. Rotating the regulator adjuster **COUNTER CLOCKWISE** (pistol facing downrange) will increase the power. Power is reduced by rotating it **CLOCKWISE**. However, Western Airguns strongly recommends that you **DO NOT ADJUST THE REGULATOR**.

The regulator is set for optimum performance during assembly. Making adjustments can cause the action to malfunction and not fire.

NEVER adjust the regulator below 110 bar or above 190 bar as damage to the system may occur and will void your warranty.

NOTE: Increasing the regulator set pressure should be undertaken when the gun's HPA bottle is under pressure at 300 bar. Fire a couple of shots to encourage the regulator to settle to the new pressure

However, if you want to **REDUCE** the regulator pressure, **LOOSEN THE REGULATOR GAUGE SLIGHTLY AND ALLOW THE GUN TO COMPLETELY DE-PRESSURIZE** before making any adjustments.



WARNING:
INCORRECT
ADJUSTMENT OF
REGULATOR SET
PRESSURE CAN INVALIDATE THE
WARRANTY.

Maintenance Tips:

ALWAYS keep at least 110 BAR (2,030 PSI) HPA pressure in the Mordax when it is stored between use. This will help to prevent air leaks.

NEVER use petroleum-based lubricants with the Mordax. These can lead to an explosion risk due to the High Pressure Air in the gun. They can also rot the rubber O-rings that maintain pressure. Instead, use a high quality, pure silicone oil or grease.

If you drop your Mordax, make a careful visual inspection to check for damage before using it again.

Ensure that the ammo you plan to use in the Mordax is of the correct caliber and is not too long to fit in the magazine. Otherwise a jam may occur that will not be covered by the warranty.

Troubleshooting:

Do not use the Mordax until you have read and completely understood this User Guide.

In the unlikely event that your airgun malfunctions, exhibits poor performance or defects, **DO NOT** attempt to fix the problem yourself. Contact the dealer you purchased the gun from.

The Western Airguns Mordax is operated by High Pressure Air. It must only be repaired or dismantled by a competent, trained airgunsmith and with the correct parts.

DO NOT attempt to dismantle or repair any part of the Mordax yourself. If you do, serious injury - even death - and property damage may result if these instructions are ignored.

Always assume that the airgun is pressurized with air and loaded with ammo until you prove that it is not!

To fully de-pressurize the Mordax, first unscrew and remove the HPA bottle. Then pull the trigger repeatedly until all High Pressure Air is removed from the action.

If The Gun Will Not Fire:

1. NEVER LOOK DOWN THE BARREL!

2. Be sure that the HPA bottle is filled to 110 BAR (2,030 PSI) or more, with clean, dry High Pressure Air. No other gas or gas combination can be used.

3. If the gun is filled with HPA to a greater pressure than 300 BAR (4,350 PSI), remove the HPA bottle as described on page 9, point the gun in a safe direction and pull the trigger repeatedly to depressurize the action.

4. Ensure that no ammo is stuck in the barrel. Set the Mordax to safe, remove all ammo from the magazine and run a cleaning rod through the barrel from the muzzle. If necessary, remove the barrel. See page 9 of this guide for details.

5. Be certain that the safety is not set to safe when you are expecting to fire.

6. Be sure to completely remove your finger from the trigger after each shot! If you do not do this, the Mordax may not fire.

7. Confirm that there is ammo in all of the magazine chambers and that it is of the correct caliber.

Warranty:

The Western Airguns Mordax carries a 12-month limited warranty against faulty workmanship and defective materials.

This warranty is provided to the original retail customer for 12 months from the date of purchase. Proof of purchase is required.

This warranty does not cover any damage caused by tampering with the pistol, modification, abuse, improper use or attempted repairs by users or unauthorized repair providers.

Nor does it cover damage to scopes or other gun sights, slings, bipods and other accessories. Wear and tear from regular use and failure to perform normal maintenance is also not covered.

You are responsible for costs incurred in returning the Mordax to Western Airguns. It's suggested that you purchase insurance to cover shipping and pack it well. Western Airguns will not be responsible for any loss or damage to your airgun in transit.

In the event of a defect under this warranty, Western Airguns will repair the Mordax, or replace it with a product of comparable value and performance. If Western Airguns determines that a repair is not covered by this warranty, there could be a charge to you.

Western Airguns will cover the costs involved in returning the gun to you unless the defect was caused by incorrect operation.

Note that this limited warranty does not include consequential or incidental damages. This includes damage to property or any other expense. It does not include implied warranties of merchantability or fitness for purpose.

Some US states do not allow the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you.

For warranty claims or service issues, contact your authorized Western Airguns dealer.



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