

# FP500

FREE PISTOL cal. .22l.r.



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## OPERATING INSTRUCTIONS



*Dear sport shooter,*

*Congratulations on buying your FP 500. In doing so, you have chosen a top of the range Walther product. We are happy in the knowledge that you have placed your trust in us. You can now enjoy our efficient service and discover our high standards of quality and precision.*

*The FP 500 is a thoroughbred competition pistol. Its refined, ergonomic design is not only eye-catching, but also offers a distinct advantage in stability.*

*We are sure that you will gain intense sporting experiences with this pistol and rise to new levels of success.*

*Sincere wishes,  
your Walther Team*



**Before using this sports gun, be sure to carefully read the instructions and warnings included in this reference manual!**

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## 1 SAFETY INSTRUCTIONS

### 1.1 General Instructions



**CAUTION**

**Caution: Before using this sports gun, be sure to carefully read the instructions and warnings included in this reference manual!**

These instructions have been compiled to explain how this sports gun functions, how it must be handled and how it must be maintained. These instructions must always accompany the gun, also in case of change of ownership.



**WARNING**

**Guns are dangerous! Read the instructions and warnings contained herein carefully and precisely before you use the gun!**

**Never use a gun without a clear understanding of its properties, functions and safety regulations!**

**Even the safest gun can be dangerous for you or for others due to improper handling, inadequate care or alterations!**

### **Please be sure to observe the following!**

Before you use your free pistol, please familiarize yourself with the operation and functioning of the gun using the operating instructions. Even the safest gun can be dangerous for you or for others due to improper handling! Always basically hold your gun so that it never endangers anybody. Even an unloaded gun must be handled with the same caution as a loaded gun.

Improper handling and inadequate care can impair the functioning and safety of your gun.

Improper interferences in the mechanical workings, damages caused by violent forces and alterations by third parties release the manufacturer from all guarantee claims. Work on the gun may only be performed

by specialists in this field. Have your gun checked for safety and proper functioning at regular intervals by a recognized specialist firm.

These instructions must always accompany the gun if it is being passed on to another person.

Firearms must always be stored where they are inaccessible for unauthorized persons, especially children. Ammunition must always be stored separately from the firearm.



The trigger pull weight can be regulated with fine adjustment on match guns to achieve maximum accuracy in competition. A shot can therefore be discharged with a setting of the trigger pressure that is too low, even with just light contact with the trigger or the gun being jolted or impacted.

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Please always observe the applicable legal regulations for the use of sports guns in your country.

## 1.2 Basic Safety Regulations for the Safe Handling of Firearms:



The following safety regulations must always be observed!  
Safe handling of firearms is absolutely necessary for your own safety and the safety of others.

### 1. Fully familiarize yourself with and study the technical properties of the functioning and operation of the gun!

All guns do not function the same (especially with regard to the trigger, loading and unloading). You should therefore spend plenty of time getting to know the characteristics and functions of your gun!

### 2. Always keep the muzzle pointed in a safe direction!

Never point the muzzle towards yourself or another person, even when dry training or during other activities, such as loading, unloading, etc.! A safe direction means in a direction in which no person or animal can be endangered. It must be ensured that the projectile can neither ricochet off an object nor penetrate it.

### 3. Firearms must always be unloaded if they are not going to be used immediately!

Firearms and ammunition must be kept stored safely separate from one another, out of sight and reach of third parties, especially children, visitors, etc. The owner must ensure that unauthorized parties do not come into contact with the gun or the ammunition.

**4. Ensure that the barrel is free of foreign matter, dirt, grease, oil, water, etc. before firing!**

Even a small amount of dirt, excess grease or oil can damage the barrel and endanger you or others present. Always be sure that only the correct ammunition in the correct calibre and in flawless quality is used .

**5. Before shooting, ensure that your target is perfectly safe!**

Never shoot before you are fully certain where the bullet will hit. Be fully sure that the bullet will be stopped directly behind the target, as the bullet is, of course, still dangerous even at long distances. Take plenty of time to be absolutely sure before you pull the trigger.

**6. Always wear eye and ear protection!**

Every shooter and every person in their immediate vicinity must wear protective glasses and hearing protection as the noise can damage your hearing.

**7. Never carry a loaded weapon on your person!**

Only load the gun immediately before it is to be used. Never let a loaded gun fall and never throw a loaded gun.

**8. Never shoot at a hard surface or at water!**

The bullet could ricochet uncontrolled and injure or kill you or a third party with the very high force that propels it.

**9. Never transport a loaded firearm!**

Firearms must always be unloaded before being transported. A purposebuilt case or sheath should be used for transporting firearms to and from the firing range.

**10. Firearms must never be used if alcohol or other drugs have been consumed!**

Alcohol, medication and other drugs affect your judgment, your corporal constitution and your ability to think and act. Such firearms use is punishable by law.



### 1.3 Ammunition

Regular use of any brand of ammunition that provides you with consistently good scores will result in troublefree shooting and stable groupings. Avoid the use of high-velocity ammunition (e.g. of the type used for hunting).

### 1.4 Repairs

Your Walther match pistol is a precisionbuilt weapon painstakingly created by dedicated craftsmen. For your own safety and to take full advantage of the warranty given, we strongly recommend that you take your pistol to a Walther authorised gunsmith, should a repair be necessary.

### 1.5 Spare parts

Spare parts can only be obtained through an authorised Walther dealer, who will also carry out maintenance and repair work.

#### ► Important:

When ordering spare parts, always state the part number plus the model and the serial number of your pistol.

## 2 HANDLING THE PISTOL

### 2.1 Care



**CAUTION**

**Always be absolutely sure that the gun is unloaded!**

The metal parts must be treated after use for moisture with an acid-free gun oil.

The moving parts, especially hammer and valve parts are treated at the factory with a long-life grease and do have to be greased again. The interior of the barrel may only be cleaned using the enclosed cleaning stick.

This is done by opening the breech and pushing the cleaning rod into the barrel, from the grip end. Use only the accessories provided for this purpose.

Have your sports gun maintained regularly by a specialist to guarantee long-term flawless functioning.



### 2.2 Inspection upon receipt

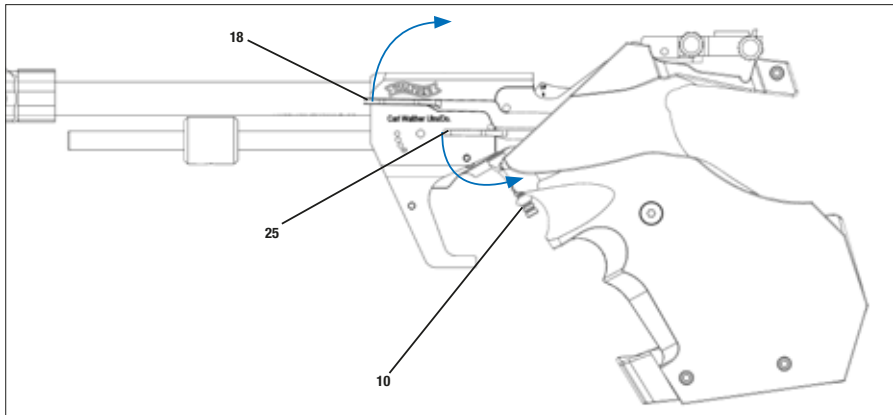
Inspect your new weapon immediately upon receipt and check the following:

1. Check the packing for damages caused in transit
2. Examine the grip
3. Check the general appearance of the weapon
4. Check the sights and their mouths
5. Check the full complement of accessories
6. Check the functions in accordance with section 2.3

Please report any damage caused in transit to your Post Office or to the Forwarding Agent and demand written confirmation of damage. Please contact Walther, so that we can immediately take the necessary steps to obtain free rectification for any damage caused in transit.

## 2.3 Unloading

1. To open the breech, raise the breechblock lever (18) up to the stop.
2. With the breech open, look through the aperture in the grips to check that there is no obstruction in the chamber or barrel.
3. Inspect the muzzle for any signs of damage.
4. Close the breech and verify that the mechanism operates smoothly. Thumb down the cocking lever to set the hair trigger (25) and dry fire.



## 2.4 Loading and firing



CAUTION

**Never set the hair trigger until the loading procedure is completed.**

1. Raise breechblock lever (18) up to the Stop (so that firing pin will be cocked) and release it into the loading position, i.e. when the ejector and barrel are flush.
2. Chamber a .22 long rifle round.
3. Completely close the breech with the breechblock lever (18). To prevent inadvertent discharges at extremely light trigger pull settings, avoid forceful manipulations, e.g. sharply closing the breech, or violent movements with the weapon loaded and cocked.
4. Set the hair trigger with the trigger lever (25).
5. The pistol is ready to fire.
6. Discharge the shot by pulling the trigger (10).
7. Extract the spent case by smoothly jerking the breechblock lever (18) up to the stop.
8. If the round does not discharge: unload the pistol (see section 3).

## 2.5 Stripping the pistol

Adjustment and alignment work must only be carried out by qualified gunsmiths. Stripping procedure for thorough cleaning and replacing the firing pin and spring:

- Unload in accordance with section 2.3

- **Removing the grip plates:**

Remove grip plate screws (42, on the opposite side 43). Pull grip plates straight down and to the rear.

- **Removing the breech block:**

The breech block can only be removed and replaced if cocked! Remove the bearing screw (24). (When re-fitting the bearing screw (24), attention must be paid to the fact that it needs only be tightened to a point where the breech block is still able to move freely).

The cocked breechblock can be removed and inserted by lightly moving the breechblock lever and tipping the weapon.

- **Exchanging the firing pin:**

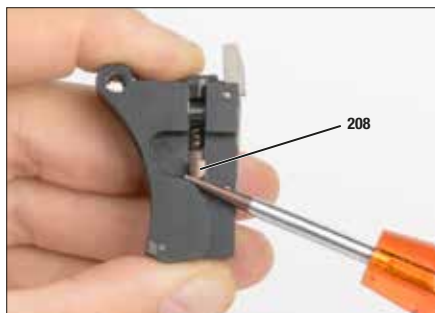
Slacken off pressure on firing pin by pushing up retention catch (208). Caution: Use a drift (of  $\varnothing$  2 mm) to press out rear cylinder pin.

Remove retention catch (208) and compression spring.

Clamp breech block in a vice in such a manner that the spring washer (204) can be pressed in easily. This takes the pressure off the countersunk screw (205) and it can then be removed.

Remove spring washer, firing pin spring and firing pin (assembly proceeds in the reverse order).

Before the breechblock can be inserted, the firing pin must first be cocked.



This degree of stripping is sufficient for extended cleaning purposes. Prior to assembly, LIGHTLY oil components with "Break Free" and apply "Molycote" to engagement notches.

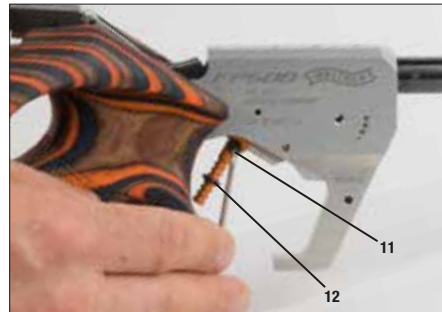


**Any further dismantling should be left to qualified gunsmiths.**

## 2.6 Adjusting Trigger Tongue

The trigger tongue can be adjusted horizontally and pivoted laterally.

- By slacking off the countersunk screw (11) with the Allen Key (SW 2), the trigger tongue can be adjusted horizontally and pivoted laterally.
- The O-Ring (12) can be adjusted individually in height.



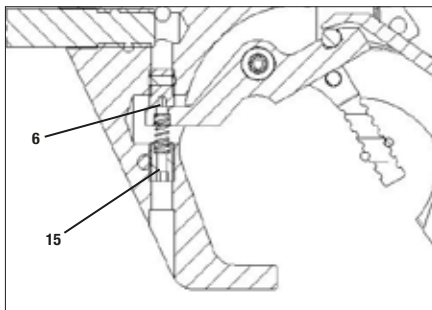
## 2.7 Adjusting the Trigger

### Basic setting for direct trigger:

- Cock the hair trigger with lever (25).
- Turn the adjuster screw (6) in a anti-clockwise direction, until the hair trigger releases.
- Turn the adjuster screw (6) 1/8 of a turn in an clockwise direction.

### Length of pull:

The length of pull can be adjusted by turning the stop screw (6) with an SW 1.5 Allen key.



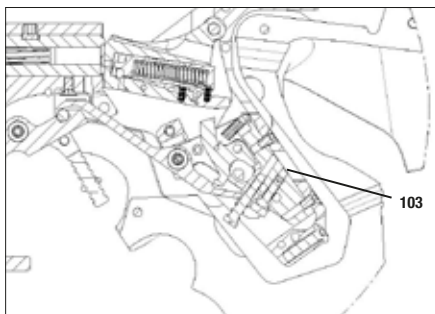
## Weight of pull:

The weight of pull (factory set to approx. 30 grams) can be adjusted by means of the spring screw (15), using an SW 2.5 Allen key.

## 2.8 Sear engagement – basic setting

The sear engagement is set in the factory and only requires re-adjustment, when the hair trigger (20) has been disassembled.

- Remove the grip plates
- Cock the hair trigger, use an SW 1.5 Allen key to turn the adjuster screw (103) slowly in a clockwise direction, until the hair trigger releases.
- Use SW 1.5 Allen key to turn the adjuster screw 1/2 a turn back, in an anti-clockwise direction.



## 2.9 Sights

### Adjusting the sights:

For elevation and windage (lateral) corrections, one click corresponds to a 6 mm correction over a distance of 50 m.

#### a.) Elevation corrections using the adjuster knob

Shot too low, turn in the direction of the arrow (anti-clockwise).

#### b.) Windage (lateral) correction using the adjuster knob

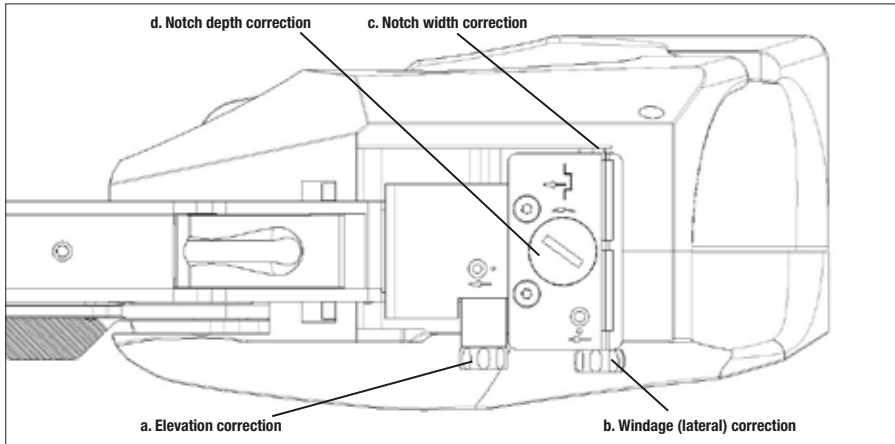
Shot to the left, turn in the direction of the arrow (anti-clockwise).

#### c.) Notch width correction using the adjuster screw

The notch width will decrease when turned in the direction of the arrow (anti-clockwise).

#### d.) Notch depth correction using the adjuster screw

The notch depth will decrease when turned in the direction of the arrow (anti-clockwise).

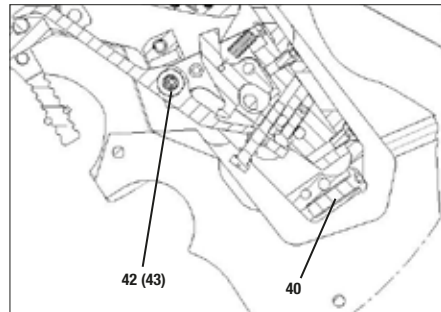


## 2.10 Adjusting the grip angle

The grip angle can be adjusted over a range of 10°:

Loosen the grip plate securing screws (42, on the opposite side 43) by approx. 1 turn.

- Adjust the grip to the desired angle.
- Tighten the grip plate securing screws.



- Use an SW 2.5 Allen key, through the rear of the grip plate, to turn the Allen screw (40) out, until it is up to the surface of the grip plate. This ensures that the angle of the grip remains the same every time it is reassembled.

## 2.11 Dry training

During dry training, only the hair trigger must be cocked by means of the cocking lever (25). The breech must not be cocked, otherwise the firing pin can suffer damage.

If this piece of advice is adhered to, the FP500 can be used for dry training as often as desired without taking risks.

## 3 ACCESSORIES

### 3.1 Standard accessories

Various tools

### 3.2 Special accessories

274 69 32 Counterweight kit incl.:

- 1 counterweight 274 15 56
- 1 grub screw M3 x 3 / 274 09 98

274 69 30 Stabilizer set incl.:

- 2 stabilizers 273 11 51
- 2 cylinder inner hexagonal screws M4 x 10 / 274 60 44
- 1 Allen key SW3 / 218 98 01

281 55 91 Compensator set incl.:

- 1 compensator 281 57 45
- 2 inserts 282 52 28
- 2 headless screw M5 x 5 / 249 76 03
- 6 headless screw M4 x 0,35 / 264 75 91



## 4 TECHNICAL DATA

Caliber	.22 long rifle
Overall length	approx. 455 mm - approx. 520 mm
Overall width	approx. 95 mm
Overall height	approx. 145 mm
Total weight	approx. 1130 g
Barrel length	290 mm
Sight length	approx. 210 mm - approx. 440 mm
Trigger pull weights	10 - 100 g

Subject to technical changes!

## 5 PROVISIONS OF GUARANTEE

Should the air gun become defective due to material or production faults, Walther GmbH shall be obliged to repair the air gun for the purchaser of the air gun for a guarantee period of 1 year, beginning on the date the air gun is purchased.

The guarantee shall not cover normal wear and tear, the effects of improper handling, usage for other than the intended purposes, insufficient care, interference by unauthorized persons, wilful damage and cleaning work.

### Procedure to Follow

Should you experience any problems with your sports gun, bring it to your specialist dealer or send the sports gun to the address listed below. The sports gun will be delivered directly back to you after it has been repaired.



The FP500 Free Pistol is a product of

Carl Walther GmbH

Sales		Service	
P.O. Box 2740		P.O. Box 4325	
D - 59717 Arnsberg		D - 89033 Ulm	
Donnerfeld 2		Im Lehrer Feld 1	
D - 59757 Arnsberg		D - 89081 Ulm	
Phone	+49 (0)2932 / 63 81 00	Phone	+49 (0)731/15 39 0
Fax	+49 (0)2932 / 63 81 49	Fax	+49 (0)731/15 39 109

Additional information about Carl Walther GmbH and our products can be found by visiting [www.carl-walther.com](http://www.carl-walther.com) or with the above contact information.

## 6 LEGAL INFORMATION

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