

D

Gebrauchsanweisung

GB

Operating instructions

F

Mode d'emploi



DIANA

Mod. 48 – 48 SV – 48 SL –
52 – 52 L

Abzug – trigger – détente
T05



Luftgewehre
Air rifles
Carabines
à air comprimé



Instruction manual

Mod. 48-48 SV-48 SL-52-52 L

Operating Instructions

„Congratulations on the purchase of your new air rifle made by Mayer & Grammelspacher Dianawerk, Rastatt. We hope that this new generation air rifle with fixed barrel will bring you a lot of enjoyment and good scores.

Important: Never let your gun point at people even if it is uncocked and unloaded always shoot safely.“

Care and maintenance

Care is very simple. The working parts, like piston and main-spring, need no lubrication.

Care must be taken for perfect sealing between barrel and cylinder. If the washer of the sighting breech block should be damaged, a new one of the same thickness should be fitted.

In day to day use very little if any dirt or residue will accumulate in the barrel bore. However, if any does accumulate, this can be removed by using soft felt cleaning pellets or standard barrel cleaning equipment. Do not use wire brushes, but only soft material. Normally it is not necessary to clean the barrel bore when using good quality pellets, which not only increase the accuracy but also do not leave deposits and actually clean the bore.

The wearing surfaces should be lubricated with an acid free gun oil. The outside of this air gun should be maintained by wiping down the metal surfaces with a light acid and resin-free oil. It is detrimental to fire the weapon without a pellet in the barrel, as this can strain the mechanism. Do not leave the rifle in a cocked position for long periods, whether loaded or not – as this weakens the mainspring.

For rifled barrels, only lead pellets are recommended.

Cocking and Loading

Pull the side lever back to the stop (picture A).

This action will cock the gun and open the breech. During the cocking process the side lever is secured against back stroke.

The trigger and the safety engage automatically when the side lever has been moved to the most rearward position. Load the pellet into the breech.

Before bringing back the side lever to its original position release the cocking safety lever (picture B) on the left side of the cylinder.



A



B

Trigger device

The models 48 – 48 SV – 48 SL – 52 – 52 L are equipped with an adjustable two stage trigger as standard. Both the trigger travel and the pull-off point are already factory adjusted.

The length of first stage travel can be adjusted with screw 1:

- turn clockwise = shorter first stage
- turn anti-clockwise = longer first stage

Turning the adjustment screw 1 too far to the left will cause the second stage to be eliminated, resulting in the shooter not being able to feel the firing point.



C

Sight adjustment

The models 48 – 48 SV – 52 – 52 L are equipped with a micrometer rearsight, with vertical and horizontal adjustment at the rear, and with a front sight also adjustable in height. The settings for elevation are marked by the numbers 0-9 on the elevation adjustment

screw.

- If the rifle shoots high:
turn the screw (1) clock-wise.
- If the rifle shoots low:
turn the screw (1) anti clock-wise.

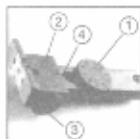
Note: the numbers 0-9 are reference numbers only and are not calibrated to distances.

- Windage settings are marked on the sliding scale on the rearsight rail and are controlled by turning the screw (3) on the side. If the rifle shoots to the right: adjust clockwise. If the rifle shoots to the left: adjust anti clockwise (picture D).

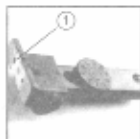
- The micrometer rearsight is equipped with a plate (1) with four differently shaped notches. Push and turn the plate according to requirements (picture E).

The front sight 1 (picture F) can be adjusted by loosening the screw 2, move it by sliding in a lower or higher position. Afterwards tighten the screw again.

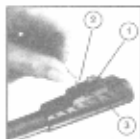
The model 48 SL is furnished with a barrel weight, but without sights. Scope and mount are optional accessories.



D



E

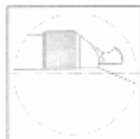


F

Safety

Push safety slide situated at the end of the compression tube forward (picture G). The rifle is now ready to fire.

Note: Don't block safety lever during cocking process.



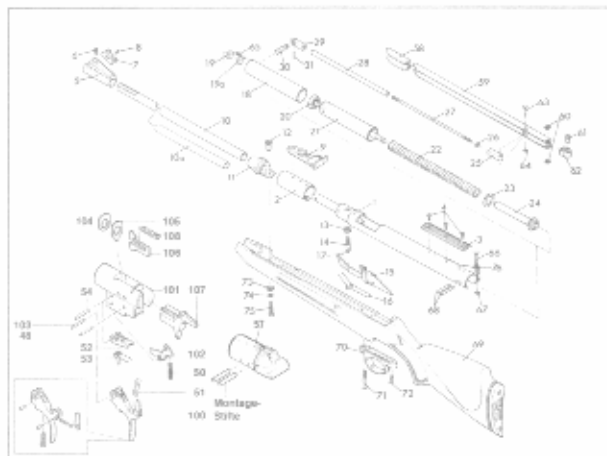
G

- D** „S“ sichtbar = gesichert
- GB** „S“ apparent = safety engaged
- F** „S“ visible = sûreté enclenchée

Mod.	Gesamt-Länge total length longueur totale	Laufänge barrel length longueur du canon	Gewicht weight poids	Kal./Cal. 4,5 mm V ₁	Kal./Cal. 5,5 mm V ₁	Kal./Cal. 6,35 mm V ₁
48 - 48 SV -	1100 mm	440 mm	4,0 kg	320 m/s	230 m/s	185 m/s
48 SL -	43 1/4 ins.	17 1/8 ins.	8 lbs. 13 oz	1100 fps	900 fps	600 fps
52 - 52 L				*175 m/s	*130 m/s	

* In freiverkäuflicher  -Ausführung

| Velocity is controlled to meet the regulations of certain countries



Techn. Änderungen vorbehalten

GARANTIEERKLÄRUNG

Für dieses Luftgewehr gewähren wir eine Garantie bis zu 2 Jahren.

Ausgenommen sind Defekte, die durch unsachgemäße Behandlung, Gewaltanwendung oder normale Abnutzung entstehen.

WARRANTY

This air rifle is guaranteed up to 2 years.

Excluded are such damages as may occur through improper handling or as a result of normal wear and tear. Guarantee obligation becomes invalid if the rifle is dismantled.

GARANTIE

Pour cette carabine à air, nous donnons une garantie de 2 ans.

Les dommages résultant d'une intervention intempestive ou d'une usure normale sont exclus du champ d'application de la garantie. Nos obligations de garantie sont automatiquement caduques si la carabine à air comprimé a été démontée.

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