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› Beeman Protect BP50 .50 Caliber Projectile Launcher Instruction Manual

Beeman BP50

Beeman Protect BP50 .50 Caliber Projectile Launcher

INSTRUCTION MANUAL

Model: BP50 | Brand: Beeman

Introduction

The Beeman Protect BP50 is a .50 caliber CO2-powered air pistol designed for non-lethal home and personal defense. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your projectile launcher. Please read this manual thoroughly before using the device.



Figure 1: Beeman Protect BP50 .50 Caliber Projectile Launcher

Safety Information

WARNING: This device is not a toy. Misuse may cause serious injury or death. Always wear eye protection specifically designed for paintball or projectile launchers when operating this device and ensure all persons within range are also wearing appropriate eye protection. Read the owner's manual completely before use. This product is intended for users aged 18 and above.

- Always treat the device as if it were loaded.
- Never point the device at anything you do not intend to shoot.
- Keep your finger off the trigger until you are ready to fire.
- Always be aware of your target and what is beyond it.
- Store the device unloaded and uncharged in a secure location, out of reach of children and unauthorized users.
- Use only recommended .50 caliber projectiles and 12-gram CO2 cartridges.

Package Contents

Your Beeman Protect BP50 package includes:

- Beeman Protect BP50 .50 Caliber Projectile Launcher
- Owner's Manual
- One 8-round magazine (installed)
- CO2 piercing mechanism components (valve and quick punch assembly)

Note: CO2 cartridges and ammunition are typically sold separately.

Setup & Loading

Follow these steps to prepare your Beeman Protect BP50 for use:

1. Loading Ammunition

1. Press the magazine release button to remove the 8-round magazine from the handle.
2. Pull down the spring follower on the side of the magazine.
3. Insert .50 caliber projectiles (e.g., rubber balls, pepper balls, metal composite rounds) into the magazine. Ensure they are seated correctly.
4. Carefully release the spring follower.
5. Reinsert the loaded magazine into the handle until it clicks securely into place.

2. CO2 Cartridge Installation

1. Unscrew the cap at the bottom of the handle.
2. Insert a 12-gram CO2 cartridge into the handle with the narrow end facing upwards, away from the cap.
3. Carefully screw the cap back into place. Ensure it is threaded perfectly to prevent CO2 leaks. Do not overtighten past the point of resistance.
4. When ready to use, strike the cap firmly against a hard surface or use the quick-pierce system by pushing the cap. This will pierce the CO2 cartridge and charge the device. A red indicator may appear, signifying the CO2 is pierced and ready.

Watch this video for a visual guide on loading and CO2 installation:

Your browser does not support the video tag.

Video 1: How to Load Ammunition and Install CO2 in a Projectile Launcher

Operating Instructions

The Beeman Protect BP50 operates in a semi-automatic mode once the CO2 cartridge is pierced and the magazine is loaded.

- **Firing:** Aim at your target and pull the trigger. The device features an automatic trigger safety mechanism.
- **Shot Capacity:** The installed magazine holds 8 rounds. The device has a 20+ shot capacity per 12-gram CO2 cartridge, with effective range up to 150 feet.

Maintenance

Proper maintenance ensures the longevity and reliable performance of your Beeman Protect BP50.

- **Cleaning:** Regularly clean the barrel and internal mechanisms to prevent residue buildup. Use a soft cloth and appropriate airgun cleaning solutions.
- **Lubrication:** Apply a drop of pellgunoil or similar silicone-based airgun oil to the tip of each new CO2 cartridge before insertion. This helps to lubricate the seals and prevent wear.
- **Storage:** Store the device in a cool, dry place. Ensure the device is unloaded and the CO2 cartridge is removed before storage.

Troubleshooting

If you encounter issues with your Beeman Protect BP50, refer to the following common problems and solutions:

- **CO2 Leakage:** Ensure the CO2 cartridge is inserted correctly and the cap is tightened properly without over-tightening. Lubricating the CO2 cartridge seal with pellgunoil can help.
- **Ammunition Feeding Issues:** Check that the magazine is correctly loaded and seated. Ensure the projectiles are the correct .50 caliber size and are not deformed.
- **Low Velocity/Power:** This may indicate a nearly empty CO2 cartridge or a seal issue. Replace the CO2 cartridge. If the problem persists, inspect seals for damage.

For persistent issues, contact Beeman customer support.

Specifications

Brand	Beeman
Model Name	Beeman Protect BP50
Caliber	.50 Caliber
Air Gun Power Type	CO2 (12-gram CO2 Cylinder)
Velocity	385 fps
Rounds Capacity	8 rounds (magazine)
Shot Capacity	20+ shots per CO2 cartridge
Effective Range	Up to 150 feet
Item Weight	1.4 Pounds
Barrel Material Type	Metal
Frame Material	Plastic
Safety Feature	Automatic trigger safety

Warranty and Support

The Beeman Protect BP50 comes with a **1-year warranty** from the date of purchase. For warranty claims, technical support, or any questions not covered in this manual, please contact Beeman customer service. Keep your proof of purchase for warranty validation.