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› [Lancer Tactical](#) /

› Lancer Tactical x Zion Arms R&D Precision PW9 Airsoft Rifle 1:1 with CNC Aluminum Construction, LiPo Battery & Balance Charger Included (Brown) User Manual

Lancer Tactical PW9

Lancer Tactical x Zion Arms R&D Precision PW9 Airsoft Rifle User Manual

Model: PW9
Brand: Lancer Tactical

PRODUCT OVERVIEW

The Zion Arms R&D Precision AEG is an officially licensed, 1:1 scale authentic replica of the patented bufferless 9mm PDW. It offers the same look, feel, and functionality as its real steel counterpart, designed for consistent performance and realistic gameplay.



The Lancer Tactical x Zion Arms R&D Precision PW9 Airsoft Rifle, a 1:1 scale replica, is designed for realistic handling and performance.

PACKAGE CONTENTS

The Lancer Tactical x Zion Arms R&D Precision PW9 Airsoft Rifle package includes the following items:

- PW9 Airsoft Rifle (Brown)
- 9mm 120-round Mid-Capacity Magazine
- Speed Loader
- LiPo Battery
- Balance Charger
- Battery Pouch
- Black Tip (Muzzle Device)
- De-jammer Rod

This video provides an unboxing and overview of the included components with the Lancer Tactical x Zion Arms R&D Precision PW9 Airsoft Rifle.

SETUP

Loading the Magazine

To load BBs into the 120-round mid-capacity magazine, first load BBs into the included speed loader. Then, align the speed loader with the magazine's feed port and push the BBs into the magazine.



A 120-round mid-capacity magazine and the included speed loader for efficient BB loading.

Inserting the Magazine

Once loaded, firmly insert the magazine into the magazine well of the airsoft rifle until it clicks into place.



The PW9 Airsoft Rifle with its 120-round magazine securely inserted.

Battery Installation

The battery compartment is located at the rear of the rifle. To access it, remove the bottom cap. Connect the included LiPo battery to the rifle's wiring, then carefully insert the battery into the compartment and replace the cap.



Rear view of the PW9 Airsoft Rifle showing the battery compartment with the cap removed and battery wires visible.

OPERATING INSTRUCTIONS

Selector Switch

The selector switch allows you to choose between firing modes:

- **SAFE:** Prevents accidental firing.
- **SEMI:** Fires one shot per trigger pull.
- **AUTO:** Fires continuously while the trigger is held.

The Zion Arms' electronic trigger unit allows for programmable burst modes. Refer to the separate programming guide for detailed instructions on setting custom burst fire.



Close-up of the PW9 Airsoft Rifle's selector switch, indicating SAFE, SEMI, and AUTO firing modes.

Charging Handle and Hop-Up Adjustment

Pulling the charging handle to the rear will open the dust cover, revealing the rotary hop-up unit. Adjust the hop-up to fine-tune the BB's backspin for optimal range and accuracy. Press the bolt release to close the dust cover.



The charging handle pulled back to expose the rotary hop-up unit for adjustment.

MAINTENANCE

Barrel Cleaning

Regularly clean the inner barrel using the included de-jammer rod and a cleaning cloth. This helps maintain accuracy and prevents jams.

Battery Care

Always use the provided balance charger for the LiPo battery. Do not overcharge or over-discharge the battery. Store the battery in a cool, dry place.

Gearbox Inspection

While the reinforced metal Version 2 gearbox is designed for durability, periodic inspection by a qualified technician is recommended to ensure optimal performance and longevity.

TROUBLESHOOTING

Rifle Not Firing

- Check if the battery is fully charged and properly connected.
- Ensure the selector switch is not on "SAFE".
- Verify the magazine is correctly inserted and loaded with BBs.

BBs Not Feeding

- Ensure the magazine is fully wound (if applicable, though this is a mid-cap).
- Check for any obstructions in the magazine or hop-up unit. Use the de-jammer rod if necessary.

Inconsistent Accuracy

- Adjust the hop-up unit.
- Ensure the barrel is clean.
- Use high-quality 0.20g BBs or heavier for better stability.

SPECIFICATIONS

Feature	Detail
Brand	Lancer Tactical
Model	PW9
Color	Brown

Feature	Detail
Magazine Capacity	120 Rounds
Caliber	6.00mm
Product Dimensions	17"L x 2"W x 5.25"H
Item Weight	3 Pounds
Power Type	Electric (AEG)
Barrel Material	Metal
Frame Material	Plastic, Metal
Muzzle Velocity	380 - 400 FPS (with 0.20g BBs)
Recommended Battery	11.1V LiPo Brick Battery
Gearbox	Reinforced Metal Version 2
Bearings	8mm
Gears	18:1 Steel
Piston	Polycarbonate with Steel Teeth
Spring Guide	Bearing
Hop-Up	Rotary Style, Adjustable
Motor	25k RPM Neodymium Magnet High-Speed
Wiring	Low Resistance
Inner Barrel	Copper Polished 6.03mm Tight Bore
Stock Mount	Modular Picatinny
Trigger	Flat, with Enlarged Trigger Guard
Grip	Ergonomically Designed Polymer Texture
Firing Modes	Full-Auto, Semi-Auto, Programmable Burst Modes, Safety

WARRANTY AND SUPPORT

This product comes with a One Year Warranty. For warranty claims or technical support, please contact the seller, AirsoftMegaStore, directly.

For additional information and products, visit the official Lancer Tactical Store:[Lancer Tactical Store](#).

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Name

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question