

Dye DYE MXR Paintball Marker

DYE MXR Paintball Marker Instruction Manual

Model: DYE MXR Paintball Marker (Darkness Blk/Blk)

INTRODUCTION

The DYE MXR Paintball Marker is engineered for both high performance and user convenience. Its design emphasizes ease of use and adaptability, making it a versatile choice for paintball enthusiasts. Key features like the quick-release bolt system, quick-release grips, and color-coded o-rings simplify maintenance, ensuring your marker remains in optimal condition with minimal effort. The gas-thru design and low-profile construction contribute to enhanced maneuverability on the field. Furthermore, the MXR is designed with future compatibility in mind, including an upcoming Mech Frame option, allowing seamless transitions between electronic and mechanical setups.

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your DYE MXR Paintball Marker.

KEY FEATURES

- Arc-X Bolt System
- SLAP2 ASA Slide Lock AirPort
- Breech Sleeve - 5th Gen Breech System
- TAAC Detent System - Revolutionary, true multi-directional ball control
- Mag X-Reach Trigger System - Includes 2 trigger profiles
- 3v-MOSair Operating System
- Powered by 2 AA batteries
- DYE Boomstick UL-i Barrel System with .680, .684, .688 inserts included

PRODUCT OVERVIEW



Figure 1: DYE MXR Paintball Marker (Darkness Blk/Blk)

This image displays the DYE MXR Paintball Marker in its Darkness Black/Black color variant. The marker features a sleek, low-profile design with an extended barrel. Visible components include the main body, grip frame, trigger guard, and the feedneck for hopper attachment. The overall aesthetic is robust and ergonomic, designed for optimal handling during play.

SETUP GUIDE

1. Unpacking and Inspection

Carefully remove all components from the packaging. Verify that all included items are present:

- DYE MXR Paintball Marker
- DYE UL-I Barrel Kit (.680, .684, and .688 inserts)
- Dye Flex Multi-Tool
- DYE Slick Lube
- Colored O-ring repair kit
- Second DYE Rake Trigger
- User Manual (this document)

Inspect all parts for any signs of damage. If any components are missing or damaged, contact DYE customer support immediately.

2. Battery Installation

The DYE MXR is powered by 2 AA batteries. Locate the battery compartment, typically in the grip. Open the compartment, insert the batteries according to the polarity indicators, and securely close the compartment.

3. Barrel Assembly

Select the appropriate barrel insert from the DYE UL-I Barrel Kit based on your paintball size. Screw the barrel assembly onto the marker's body until it is hand-tight. Do not overtighten.

4. Air System Adapter (ASA)

Ensure the SLAP2 ASA (Slide Lock AirPort) is in the "off" or disengaged position before attaching your compressed air tank. Screw the air tank into the ASA until it is snug. Once the tank is securely attached, engage the ASA to pressurize the marker.

OPERATING INSTRUCTIONS

1. Loading Paintballs

Attach a paintball hopper to the marker's feedneck. Ensure the hopper is securely seated. Fill the hopper with .68 caliber paintballs.

2. Powering On

Refer to the 3v-MOSair Operating System instructions for specific power-on procedures. Typically, this involves pressing and holding a power button until the indicator light illuminates.

3. Firing the Marker

With the air system engaged and paintballs loaded, the marker is ready to fire. Always ensure you are in a safe firing zone and wearing appropriate eye protection. Pull the trigger to fire. The Mag X-Reach trigger system allows for adjustment to suit your preference.

4. Safety Precautions

- Always wear approved paintball eye and face protection when operating or near an operating paintball marker.
- Treat every paintball marker as if it were loaded.
- Keep the barrel plug in place when not actively firing.
- Never point the marker at anything you do not intend to shoot.
- Keep your finger off the trigger until you are ready to fire.
- Ensure the safety mechanism is engaged when the marker is not in use.
- Only use compressed air as the power source.

MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your DYE MXR Paintball Marker.

1. Cleaning the Barrel

After each use, especially if paint breaks occur, clean the barrel thoroughly using a barrel swab. Ensure no paint residue remains inside the barrel or on the inserts.

2. Bolt System Maintenance

The MXR features a quick-release bolt system for easy access. Disengage the bolt system as per the marker's design. Clean the bolt and its components. Apply a thin layer of DYE Slick Lube to all moving parts and O-rings as recommended in the detailed bolt maintenance guide (refer to the full manual for diagrams).

3. O-Ring Inspection and Replacement

Periodically inspect all O-rings for wear, tears, or flattening. The MXR uses color-coded O-rings for easy identification. Use the included Colored O-ring repair kit and Dye Flex Multi-Tool to replace any damaged O-rings. Proper O-ring maintenance prevents air leaks and ensures consistent performance.

4. Grip Removal and Cleaning

The quick-release grips allow for easy removal to access internal components for cleaning or maintenance. Remove the grips, clean any debris from the frame and grip interior, and reattach securely.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Marker not firing	No air supply; Dead batteries; Safety engaged; Bolt stuck.	Ensure air tank is connected and ASA is engaged; Replace AA batteries; Disengage safety; Clean and lubricate bolt.

Problem	Possible Cause	Solution
Air leak	Damaged O-ring; Loose fitting; ASA not sealed.	Inspect and replace damaged O-rings; Tighten fittings; Ensure ASA is fully engaged and sealed.
Chopping paintballs	Incorrect barrel bore size; Damaged detents; Hopper feed issue.	Use appropriate barrel insert (.680, .684, or .688); Inspect TAAC Detent system for damage; Check hopper for proper feeding.
Inconsistent velocity	Low air pressure; Worn O-rings; Dirty bolt system.	Ensure adequate air pressure; Replace worn O-rings; Clean and lubricate the bolt system.

For more complex issues or if the problem persists, please contact DYE customer support.

SPECIFICATIONS

Attribute	Detail
Brand	Dye
Model Name	DYE MXR Paintball Marker
Color	Darkness Blk/Blk
Caliber	0.68
Rounds Capacity	260 (Hopper dependent)
Air Gun Power Type	Compressed Air
Barrel Material	Aluminum
Frame Material	Metal
UPC	725239281432
Power Source	2 AA batteries
Included Components	DYE UL-I Barrel Kit (.680,.684, and .688 inserts), Dye Flex Multi-Tool, DYE Slick Lube, Colored O-ring repair kit, Second DYE Rake Trigger
Suggested Users	Unisex-adult

WARRANTY AND SUPPORT

Warranty Information

The DYE MXR Paintball Marker comes with a **1 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the official DYE website or contact customer support.

Customer Support

For technical assistance, parts inquiries, or warranty service, please visit the official DYE store or contact their customer support team.

Official DYE Store: [Visit the Dye Store on Amazon](#)

