

user manual

WRATH™

PAINTBALL MARKER

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!/ \ WARNING: This is not a toy. Misuse may cause serious injury or death. Eye protection designed specifically for paintball must be worn by the user and persons within range. Recommend 18 years of age or older to purchase. Persons under 18 years of age must have adult supervision.
READ OWNER'S MANUAL BEFORE USING.

Rules of Safe Marker Handling

1. Treat every marker as if it were loaded.
2. Never look down the barrel of a paintball marker.
3. Keep your finger off the trigger until ready to shoot.
4. Never point the marker at anything you don't wish to shoot.
5. Keep the marker on safe until ready to shoot.
6. Keep the barrel blocking device in/on the marker's muzzle when not shooting.
7. Always remove paintballs and propellant source before disassembly.
8. After removing propellant source, point marker in safe direction and discharge until marker is degassed.
9. Store the marker unloaded and de-gassed in a secure place.
10. Follow warnings listed on propellant source for handling and storage.
11. Do not shoot at fragile objects such as windows.
12. Every person within range must wear eye, face and ear protection designed specifically to stop paintballs and meeting ASTM standard F1776.
13. Always measure your marker's velocity before playing paintball and never shoot at velocities in excess of 91.44 meters (300 feet) per second.



WRATH™

Meets or exceeds ASTM standards.

1.

Warranty Information

STANDARD WARRANTY:

The manufacturer warrants to the original customer that this product is free from defects in material and workmanship under normal use and service for a period of 90 days from the original date of purchase by the initial owner/purchaser. The manufacturer agrees to repair or replace (at its discretion) any product within a reasonable period of time. This warranty does not cover: o-rings, scratches, nicks, normal wear and tear of parts, any modifications or normal fading of anodizing or damage caused by dropping or hitting of the product. This warranty shall not apply if it is shown by the manufacture that the consumer caused the defect or malfunction because of misuse. This warranty only covers original factory parts. Any modifications or tampering of original factory parts will not be covered by this warranty. Warranty work can only be conducted by the manufacture technicians and or authorized technicians. If product needs to be repair, package it carefully and send it together with your name, address, phone number and a brief description of the malfunction to:

Paintball Solutions
570 Mantua Blvd
Sewell, NJ 08080

EXTENDED WARRANTY:

By returning the enclosed warranty registration card or registering your warranty on-line at www.paintballsolutions.com, within fifteen days of purchase, the warranty will automatically be extended to one year.

Welcome

...Thank you, for purchasing this Wrath Paintball marker. The Wrath represents the culmination of a great deal of research by Diablo Paintball along with input from players such as you. The Wrath is designed to deliver top level performance at a reasonable cost. With its 20 ball per second cycling rate, the Wrath is one of the fastest markers available at any price. The Vise Grip Feed Neck, Quik-Strip bolt, vertical foregrip regulator, ported barrel and high speed air-ram operation are all features usually found only on much pricier markers or only through a great deal of after-market expense. We believe that the affordability of a reliable, feature packed marker will improve your playing experience and winning percentage. Unleash your Wrath!

Play hard, play safe, play to win!



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3.

BATTERY INSTALLATION

1. Properly position barrel blocking device to prevent accidental discharge.
2. Using a 2.5mm hex wrench, remove the three Grip Panel Screws from the left side (side facing you if the barrel is pointing to your left) of the Grip Panel.
3. Install 9 volt battery.
4. Replace Grip Panel Screws.

POWERING ON

1. Confirm that Barrel Blocking Device is properly installed.
2. Look at the LCD while pushing the  button and holding until the solid line disappears and is replaced by "BD 5 with "*****" underneath.
3. Release On/Off switch.
4. The Wrath is now "On" in "Safe Mode"

ATTACHING PROPELLANT SOURCE

1. Confirm that Barrel Blocking Device is properly installed.
2. Confirm that the LCD says "BD 5".
3. Point the marker downward and in a safe direction.
4. Place the leading end of the propellant cylinder threads into the threaded inter face of the (Air Source Adapter) "ASA".
5. Without pushing, twist the propellant cylinder in a clockwise direction and allow the cylinder threads to "draw" it into the ASA. DO NOT force the cylinder which could cause cross threading.
6. Screw the propellant cylinder completely in until it is firmly seated

ATTACHING FEEDER/HOPPER

Due to the extremely high rate of fire capability of the Wrath, we highly recommend the use of a motorized hopper such as the Diablo TSA, Empire Reloader, or Empire Reloader B.


1. Confirm that Barrel Blocking Device is properly installed and the LCD says "BD 5".
2. Twist Vise Ring in a counter-clockwise direction until it is loose but do not remove. If accidentally removed, screw back on one complete turn.
3. Press neck of Feeder/Hopper into the Direct Feed (4) until completely seated.
4. Orient the Feeder/Hopper so that the lid is facing the rear of the marker and the Feeder/Hopper is parallel to the Receiver.
5. Twist Vise Ring in a clockwise direction until it fits snugly against the Feeder/Hopper neck.

Loading Paintballs

The performance of your marker is directly related to the quality of paintballs used. We highly recommend Diablo paintballs to give you the most satisfaction and success on the playing field.


1. Confirm that Barrel Blocking Device is properly installed and the LCD says "BD 5".
2. Point marker in a safe direction and load paintballs in the Feeder/Hopper. If you are using a non-motorized hopper, be sure to leave some room in the hopper for the balls to feed properly.

Deactivating Safety

1. Make sure that you and anyone within range is wearing eye protection designed specifically for paintball.
2. Confirm that Barrel Blocking Device is properly installed and the LCD says "BD 5".
3. Look at the LCD while pushing the  button.
4. The screen will now read "Semi 15" on the top line with "000000" underneath. It is possible that there will be numbers other than "0" on the bottom line. These are shot counts.
5. The Wrath is now live.

Chronographing

Never operate your marker without first checking the velocity and confirming that you are firing below that required on the field of play. At no time should the marker fire paintballs in excess of 300 feet per second. Higher velocities are not only potentially dangerous, they often result in a substantial increase in paint balls broken in the marker.

1. Make sure that you and anyone within range is wearing eye protection designed specifically for paintball.
2. Point the marker over the chronograph and in a safe direction.
3. Pull the trigger and observe the reading on the chronograph.
4. Using a 7/32 hex key adjust Vertical Regulator (VR) until pressure gauge reads about 200 psi. You may need to fire the marker after each adjustment to allow the gauge to adjust.
5. To increase the velocity, adjust the VR clockwise.
6. To decrease the velocity, adjust the VR counter-clockwise.
7. Replace the Barrel Blocking Device.
8. Hold down the  button until the LCD blinks "Safety".
9. The Wrath is now on Safe.
10. Keep the Wrath on Safe and Barrel Blocking Device in place until ready to play and instructed to remove the Barrel Blocking Device by a playing field staff member.

WRATH™




Meets or exceeds ASTM standards.

5.




LCD Modes

The Diablo Wrath has a built in Anti-Chop Ball Sensor, Game Timer, Shot Counter and can be adjusted from 4 to 20 shots per second firing rate.

Adjusting Firing Rate

1. Confirm that Barrel Blocking Device is properly installed and the LCD says "BD 5".
2. Press and release  button.
3. "Semi 15" will appear.
4. Press and release  button until desired rate of fire appears.
5. Press  button to set





Sensor

1. Press  button until "SENSOR" appears.
2. Press  button until "OFF" or "ON" blinks.
3. Press  button to set Sensor "ON" or "Off"




Counter

1. Press  button until "COUNTER" appears
2. To reset press and hold  button until all "0s" appear.

Timer

1. Press  button until "TIMER" appears
2. To set press and  arrow button until "0s" blink.
3. Press  button until desired time appears (up to 99 minutes in 1 minute increments).
4. Press  button when you want to start timer count down.
Turn off marker to reset.

Auto Power

1. Press  button until power appears
2. press  button until "AUTO" or "ON" blinks.
3. Press  button to set power to "AUTO" or "ON".



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De-Gassing

1. Make sure that you and anyone within range is wearing eye protection designed specifically for paintball.
2. Confirm that Barrel Blocking Device is properly installed and the LCD says "BD 5" and Wrath is in "Safe Mode".
3. Point the marker in a safe direction
4. If you are using a motorized feeder, turn it off.
5. Twist the Clamp Feed in a counter-clockwise direction until loose.
6. Invert the marker so that the hopper/feeder is upside down so that paintballs are no longer feeding into the marker.
7. Remove the hopper/feeder from the marker.
8. While pointing the paintball marker in a safe direction, remove the barrel blocking device.
9. Turn the Wrath on and set to fire.
10. Pull the trigger and allow the marker to cycle to confirm the absence of paintballs in the marker's breech. If a ball discharges, repeat until no more paintballs come out of the marker.

/! WARNING: When removing the cylinder from the marker, it could fly off with enough force to kill if the valve unscrews from the cylinder. LOOK at valve when removing cylinder. STOP if valve starts to unscrew from the tank. Screw it back on and take it to a trained person for repair.

11. Unscrew the propellant cylinder approximately one complete revolution.
12. Pull the trigger until the marker fails to recock (if this takes more than 10 shots, unscrew the cylinder an additional 1/2 turn and repeat).
13. Remove (**See Warning Above**) the propellant cylinder.

Storage

Always turn off the marker, remove the hopper/feeder, all paint balls and propellant source and place it in a secure location where it cannot be accessed by unauthorized persons.

Maintenance/ Bolt

1. Pull the Bolt Pull Pin upwards until it "clicks".
2. Pull the Bolt Pull Pin rearward until the Bolt comes out of the back of the Receiver.
3. Clean the bolt thoroughly to include rinsing in warm water if needed.
4. Lubricate the bolt with non-corrosive lubricant such as Empire Lube or Empire Oil.
5. Return the bolt to the rear of the Receiver making sure to put the open end in first.
6. Slide the bolt forward until the Bolt Pull Pin lines up with the hole in the top of the Striker.
7. Press the Bolt Pull Pin downward until it clicks in place.

Trouble Shooting Guide

Symptom	Cause	Cure
Does not Fire	Not On	Turn Switch "On"
	Bad Battery	Replace Battery
Leaks Air Down Barrel	Out of Gas	Refill or Replace Propellant Source
	Bad Cup Seal	Replace Cup Seal
Leaks Air from ASA/Bottle Interface	Bad Bottle O-Ring	Replace Bottle O-Ring
Excessive Ball Breakage	Low Quality Paintballs	Upgrade Paintball Selection (reccomendation: Diablo Brand)
	Ball Chopping	Use Motorized Feeder Such as Diablo TSA

When in doubt, thoroughly clean and lubricate the marker. Many marker function problems are caused by excessive dirt or lack of lubrication.

Notes On Wrath:

10.

diablopaintball.com

Warranty Registration

To assist us in providing the best customer service possible and to increase your warranty from 90 days to one year at no additional cost. Complete and mail this to:

Paintball Solutions

570 Mantua Blvd.
Sewell, NJ 08080

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Country: _____

Email Address: _____

Serial Number (located on left side of marker): _____

Date of Purchase: _____

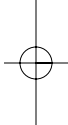
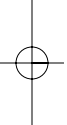
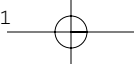
Place of Purchase: _____

Or register online at www.PaintballSolutions.com.

The logo for 'WRATH' is rendered in a large, white, gothic-style serif font against a black background. The letters are bold and have a slightly distressed, hand-painted appearance. A small trademark symbol (TM) is located at the top right of the letter 'H'.

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Diablo Paintball is a registered trademark of National Paintball Supply.
Diablo Paintball is distributed exclusively through National Paintball Supply.

800. 346. 5615 / 856. 464. 1068
www.diablopaintball.com / www.nationalpaintball.com

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