

VATOS FLP-BB8803F

VATOS Infrared Laser Tag Gun Set (Model FLP-BB8803F) Instruction Manual

Your guide to setting up, operating, and maintaining your laser tag set.

1. SAFETY INFORMATION

Please read and understand all safety instructions before using the VATOS Infrared Laser Tag Gun Set. This product contains small parts and is not suitable for children under 3 years old. Ensure children do not place any part of the product into their mouth. The laser emission is a Child Safety Infrared Signal Emission (less than 1mW) and is safe for eyes, but direct aiming into eyes at close range should still be avoided.

Adult supervision is recommended during play.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 4 x Infrared Laser Tag Guns (various colors)
- 4 x Target Vests (various colors)
- Instruction Manual (this document)



Image: The complete VATOS Infrared Laser Tag Gun Set, featuring four blasters and four vests in distinct colors.

3. SETUP INSTRUCTIONS

3.1 Battery Installation

Each laser tag gun and target vest requires 3 x 1.5V AA batteries (not included). Follow these steps for battery installation:

1. Locate the battery compartment on the back of each laser tag gun and vest.
2. Use a small screwdriver to open the battery compartment cover.
3. Insert 3 AA batteries into each device, ensuring correct polarity (+/-).
4. Replace the battery compartment cover and secure it with the screw.

INFRARED COUNTERMEASURE TOY GUN



TARGET VEST



Image: Illustration showing the four laser tag guns and four vests, highlighting the need for 3 AA batteries per unit.

4. OPERATING INSTRUCTIONS

4.1 Components Overview

Familiarize yourself with the key components of the laser tag gun and target vest:

4 GUNS + 4 VESTS



REQUIRES 3 X 1.5V "AA"
BATTERIES FOR EACH
GUN AND 3 X 1.5V "AA"
BATTERIES FOR EACH
VEST (NOT INCLUDED)

Image: A detailed diagram illustrating the various parts of the laser tag gun and the target vest, such as the infrared emitter, receiver, power switch, trigger, team indicator, and life-value indicator.

- **Power Switch:** Turns the device on/off.
- **Infrared Emitter:** Sends out the infrared signal when firing.
- **Infrared Receiver:** Detects incoming infrared signals from other blasters.
- **Trigger:** Activates firing.
- **Weapon Select Button:** Cycles through different weapon modes.
- **Team Indicator:** Lights up to show your assigned team color.
- **Life-Value Indicator:** Displays remaining lives.
- **Shooting Indicator:** Lights up when a shot is fired.
- **Loaded Button:** Reloads the weapon.

4.2 Powering On and Team Selection

1. Turn on both the laser tag gun and the target vest using their respective power switches.
2. The devices will prompt you to select a team. Press the "Team Select" button on your gun to cycle through the

available team colors (Red, Blue, White, Orange).

3. Ensure your vest displays the same team color as your gun.
4. The system supports up to 4 teams.

4.3 Weapon Modes

The laser tag gun features four distinct weapon modes, each with different bullet counts and impact on opponent's lives. Press the "Weapon Select" button on your gun to switch between modes.

Gun Type	Bullet Count	Lives Lost Per Hit
Pistol	12	1 Life Gone Per Hit
Shotgun	6	2 Lives Gone Per Hit
Machine Gun	6	2 Lives Gone Per Hit
Rocket Launcher	1	3 Lives Gone Per Hit

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NEW FUNCTIONS

- Human Voice Prompt
- Increase The Life-value for Yourself
- Resurrect Teammates
- Activation and Anti-cheating Function



Image: Visual representation of weapon modes and their effects, featuring a child engaged in play.

4.4 Gameplay

Once teams are selected and weapons are chosen, the game can begin. The objective is to tag opponents from other teams until their lives are depleted.

- Aim your laser tag gun at an opponent's vest or gun to score a hit. The maximum effective shooting distance is approximately 100 feet (30 meters).
- When hit, your vest will vibrate, and your life-value indicator will decrease.
- If your bullet count reaches zero, press the "Loaded" button on your gun to reload.
- The game ends when a team or player runs out of lives.
- The system includes human voice prompts for game events like reloading, being hit, and game over.



Image: Two children demonstrating multi-player laser tag gameplay.

INFRARED LASER TAG GUN SET **MULTI-PLAYER INFRARED** **COUNTERMEASURE**



**SOUND
EFFECT**



**INFRARED
SENSORS**



**LIFE
REMINDS**



**COOL
LIGHT**



VIBRATION

Image: Children engaged in an indoor laser tag game, illustrating the interactive experience.

FOUR MODES

*SPECIAL NOTE: SHOOTING
DISTANCE BETWEEN GUNS IS
NO MORE THAN 30 METERS
(100FT).*



Image: Children playing laser tag in an outdoor setting, highlighting the product's suitability for open spaces.

5. MAINTENANCE

- **Cleaning:** Wipe the laser tag guns and vests with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Avoid submerging the devices in water.
- **Storage:** When not in use, store the set in a cool, dry place away from direct sunlight. Remove batteries if the product will not be used for an extended period to prevent leakage.
- **Battery Care:** Always use new batteries of the same type. Do not mix old and new batteries, or different types of batteries. Dispose of used batteries responsibly.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Batteries are dead or incorrectly installed.	Replace with new AA batteries, ensuring correct polarity.
Gun is not registering hits on vest.	Obstruction between gun and vest; out of range; vest not powered on.	Ensure clear line of sight. Check if within 100ft range. Verify vest is powered on and on the correct team.
Gun is not firing.	Out of bullets; gun not powered on.	Press the "Loaded" button to reload. Verify gun is powered on.
Team selection issues.	Incorrect button press; interference.	Press the "Team Select" button repeatedly until desired team color is displayed. Ensure all devices are set to the same team for cooperative play, or different teams for competitive play.

7. SPECIFICATIONS

- **Model Number:** FLP-BB8803F
- **Product Dimensions:** 10.3 x 9.3 x 7.2 inches (packaged)
- **Item Weight:** 3.69 pounds (packaged)
- **Recommended Age:** 6 - 14 years
- **Power Source:** 3 x 1.5V AA batteries per gun, 3 x 1.5V AA batteries per vest (total 24 AA batteries for a 4-player set, not included)
- **Infrared Emission:** Child Safety Infrared Signal Emission (<1mW)
- **Max Range:** Approximately 100 feet (30 meters)



Image: Product dimensions for the laser tag gun and vest, alongside the product box.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official VATOS website. Keep your purchase receipt as proof of purchase.

Manufacturer: VATOS

Release Date: November 1, 2019

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This manual is for informational purposes only. Product specifications are subject to change without notice.

