

VATOS BB8973F

VATOS Infrared Laser Tag Guns Set Instruction Manual

Model: BB8973F



1. INTRODUCTION

This manual provides essential instructions for the safe and proper use of your VATOS Infrared Laser Tag Guns Set. Please read this manual thoroughly before operating the product and retain it for future reference.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.

- This product is intended for children aged 36 months to 7 years. Adult supervision is recommended.
- The laser tag system uses Child Safety Infrared Signal Emission (less than 1mW), which is safe for eyes. Do not modify the infrared emitters.
- Do not aim at eyes or face.
- Keep away from water and moisture.
- Do not disassemble or attempt to repair the product.
- Only use specified batteries. Do not mix old and new batteries, or different types of batteries.
- Remove batteries if the product will not be used for an extended period.

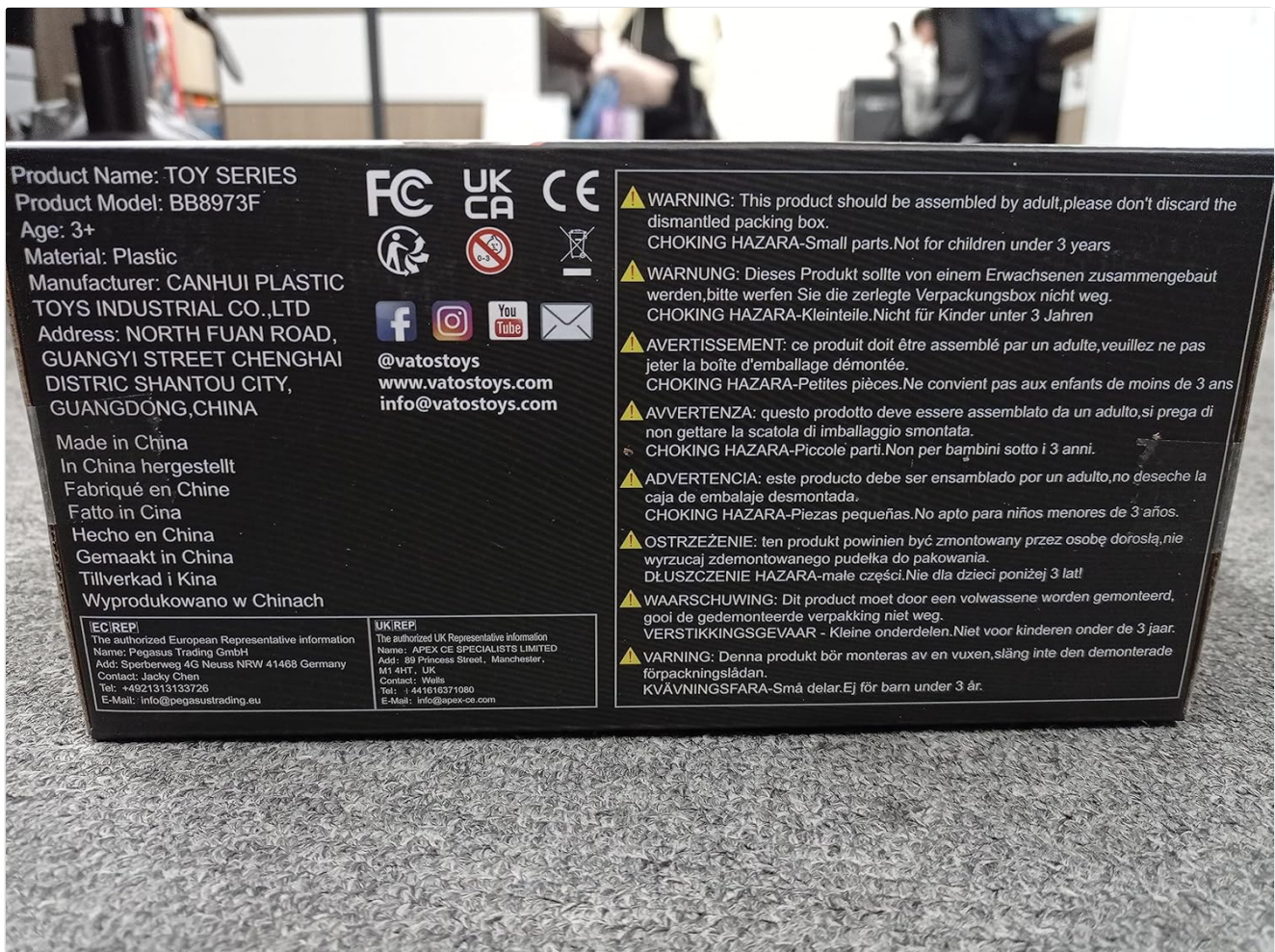


Image: Back of the product packaging displaying safety warnings and manufacturer details.

3. PACKAGE CONTENTS

The VATOS Infrared Laser Tag Guns Set includes the following items:

- 4 x Laser Tag Guns
- 4 x Laser Tag Vests (Badges)
- 1 x User Manual
- 1 x Screwdriver
- 1 x Gift Box (packaging)

ACCESSORIES



Laser gun x 4

Badge x 4



Gift box x 1



User Manual x 1



Screwdriver x 1

Image: All components included in the VATOS Laser Tag Guns Set.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your laser tag set.

4.1 Laser Tag Gun

ELEVATE YOUR GAME

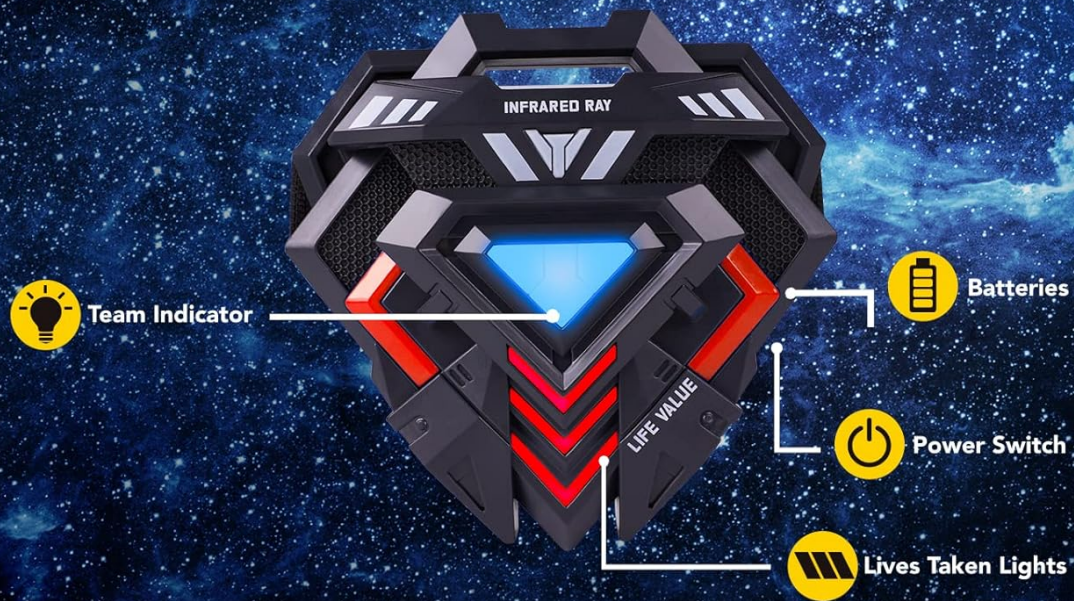


Image: Labeled diagram of the laser tag gun components.

- **Infrared Emitter:** Sends out the infrared signal when firing.
- **Team Indicator:** Displays your team color.
- **Weapon Select Button:** Cycles through different weapon modes.
- **Team Select Button:** Changes your team color.
- **Lives Taken Lights:** Indicate remaining lives.
- **Sound:** Speaker for game sounds and effects.
- **Trigger:** Activates firing.
- **Batteries Compartment:** Holds 2 x 1.5V AAA batteries.
- **Infrared Receiver:** Detects incoming infrared signals from other players.
- **Power Switch:** Turns the gun ON/OFF.
- **Loaded Indicator:** Shows if the gun is ready to fire.

4.2 Laser Tag Vest (Badge)

ELEVATE YOUR GAME



BADGE BATTERIES

Please take out the batteries for not use in long term, power source require: 3X1.5V "AAA" batteries.



Image: Labeled diagram of the laser tag vest (badge) components.

- **Team Indicator:** Displays your team color.
- **Lives Taken Lights:** Indicate remaining lives.
- **Power Switch:** Turns the vest ON/OFF.
- **Batteries Compartment:** Holds 3 x 1.5V AAA batteries.

5. SETUP

Follow these steps to prepare your laser tag set for play.

5.1 Battery Installation

Each laser tag gun requires 2 x 1.5V AAA batteries. Each vest requires 3 x 1.5V AAA batteries. Batteries are not included.

1. Locate the battery compartment on the back of the laser tag gun and on the back of the vest.
2. Use the included screwdriver to open the battery compartment cover.

3. Insert the required AAA batteries, ensuring correct polarity (+/-).
4. Replace the battery compartment cover and secure it with the screw.
5. **Important:** Remove batteries if the product is not in use for a long period to prevent leakage.

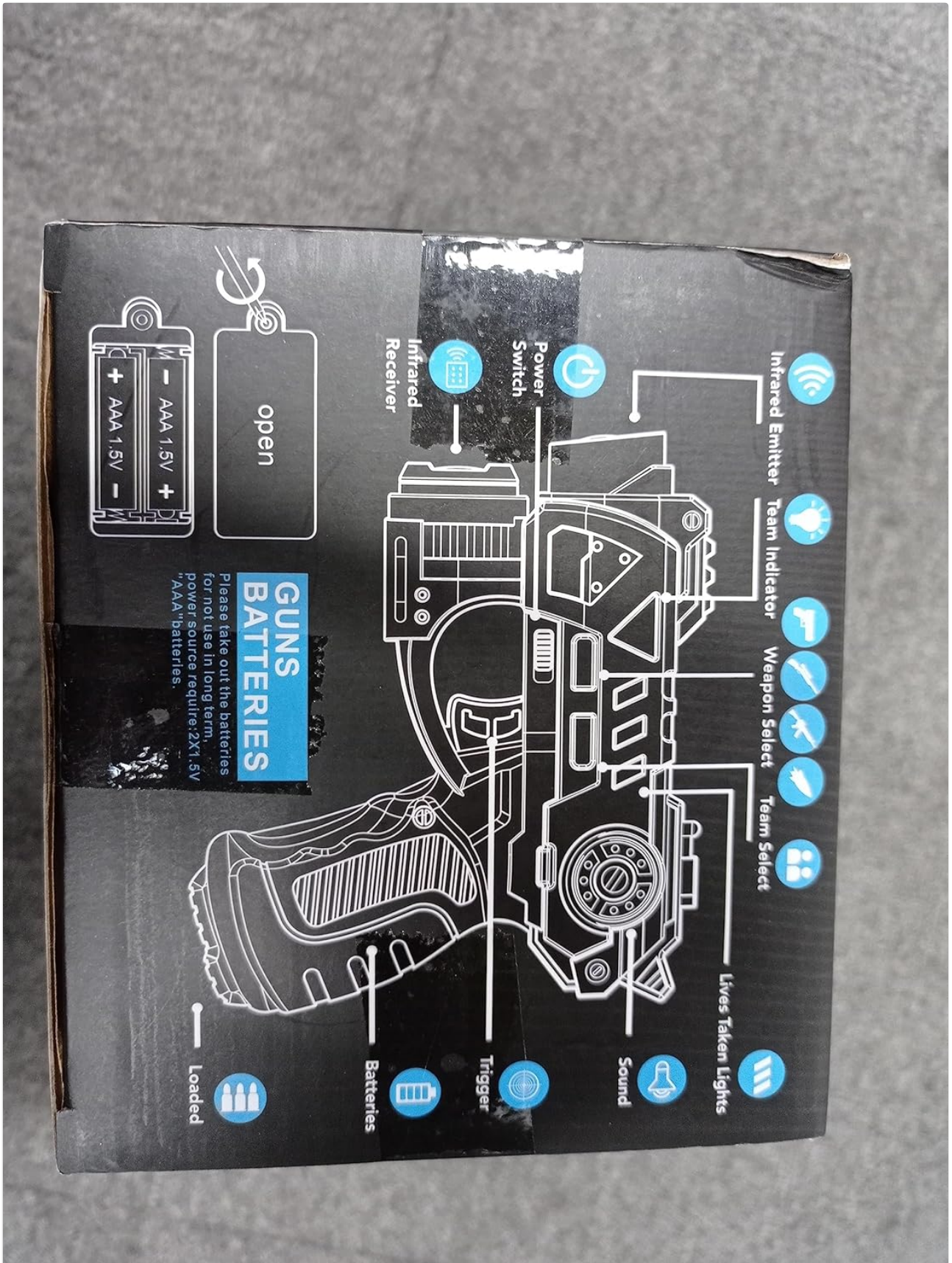


Image: Gun battery installation (2x AAA batteries).

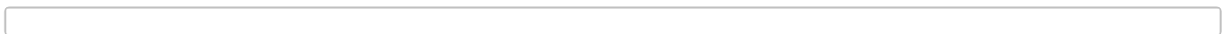


Image: Vest battery installation (3x AAA batteries).

6. OPERATING INSTRUCTIONS

Learn how to start a game and utilize the features of your laser tag set.

6.1 Power On

1. Flip the Power Switch on both your laser tag gun and your vest to the "ON" position.
2. The devices will emit a sound and the team indicator lights will flash.

6.2 Team Selection

Up to 4 teams can play. Each player can choose one of four team colors: White, Red, Blue, or Green.

1. Press the **Team Select Button** on your gun to cycle through the available team colors.
2. Once you have selected your desired team color, point your gun at your vest's infrared receiver and press the trigger to synchronize the team color. Both the gun and vest will display the chosen team color.
3. Players on the same team should select the same color.



Image: Team selection in action, showing available team colors.

6.3 Weapon Selection

Your laser tag gun features four distinct firing modes, each with different bullet counts and damage values.

1. Press the **Weapon Select Button** on your gun to cycle through the weapon modes.
2. The gun will emit a sound corresponding to the selected weapon.

Weapon Mode Details

| Weapon Mode | Bullets per Reload | Lives Lost per Hit |
|-----------------|--------------------|--------------------|
| Pistol | 12 | 1 |
| Shotgun | 6 | 2 |
| Machine Gun | 6 | 2 |
| Rocket Launcher | 1 | 3 |



Image: Visual representation of weapon modes and their effects.

6.4 Gameplay Mechanics

- **Firing:** Press the trigger to fire. The gun will vibrate and emit a sound.
- **Reloading:** When your gun runs out of bullets, it will make a reloading sound. To reload, press the reload button (often the button on the bottom of the handle or a specific button indicated in the gun diagram).
- **Getting Hit:** When your vest is hit by an opponent's infrared signal, it will vibrate, flash, and you will lose lives. The "Lives Taken Lights" on both your gun and vest will indicate your remaining lives.
- **Elimination:** When all lives are lost, your gun and vest will indicate elimination, and you will no longer be able to fire or be hit.
- **Range:** The effective shooting distance between guns or badges is up to 65 feet (approximately 20 meters).
- **Haptic Feedback:** Both the gun and vest provide tactile vibrations for an immersive experience.

2 HAPTIC FEEDBACK

Rumple and Vibrations



Image: Vest highlighting haptic feedback and life indicators.

7. MAINTENANCE

- Clean the product with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid exposing the product to extreme temperatures or direct sunlight for prolonged periods.
- Store the laser tag set in a cool, dry place when not in use.
- Ensure batteries are removed during long-term storage.

8. TROUBLESHOOTING

Common Issues and Solutions

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|-----------------------------------|--|--|
| Gun/Vest does not power on. | Dead or incorrectly installed batteries. | Check battery polarity. Replace with fresh batteries. Ensure battery compartment is securely closed. |
| Gun is not firing. | Out of bullets; not reloaded. | Press the reload button on the gun. |
| Cannot hit opponent / Poor range. | Too far apart; obstruction; low batteries. | Ensure players are within 65 feet (20 meters). Remove obstructions. Replace batteries. |
| Team color not synchronizing. | Incorrect synchronization steps. | Ensure gun is pointed directly at the vest's infrared receiver when pressing the trigger to synchronize. |

9. SPECIFICATIONS

- **Model Number:** BB8973F
- **Product Dimensions (Gun):** Approximately 4.72 x 1.38 x 4.33 inches (12 x 3.5 x 11 cm)
- **Product Dimensions (Vest):** Approximately 4.1 x 4.5 inches (10.5 x 11.5 cm)
- **Item Weight:** 1.85 pounds (total package)
- **Recommended Age:** 36 months - 7 years
- **Gun Battery Requirement:** 2 x 1.5V AAA batteries (not included)
- **Vest Battery Requirement:** 3 x 1.5V AAA batteries (not included)
- **Infrared Emission:** Child Safety Infrared Signal Emission (<1mW)
- **Max Range:** Up to 65 feet (20 meters)



Image: Product dimensions for the laser tag gun, vest, and packaging.

10. WARRANTY AND SUPPORT

VATOS products are manufactured to high-quality standards. For any questions, concerns, or support needs regarding your VATOS Infrared Laser Tag Guns Set, please refer to the contact information provided on the product packaging or visit the official VATOS website.

Please retain your proof of purchase for any warranty claims.

