

## ACETECH AECTECH-Raider-Tracer Unit with M14 CCW Thread for Airsoft only

# ACETECH Airsoft Tracer Unit Raider Blaster Module User Manual

Model: AECTECH-Raider-Tracer Unit with M14 CCW Thread for Airsoft only

Brand: ACETECH

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your ACETECH Airsoft Tracer Unit Raider Blaster Module. This device is designed to enhance your airsoft experience by providing realistic muzzle flash and tracer effects for green/gel BBs. Please read this manual thoroughly before operation to ensure proper functionality and longevity of the product.



Figure 1: ACETECH Airsoft Tracer Unit Raider Blaster Module.

## 2. PRODUCT FEATURES

The ACETECH Raider Blaster Module offers advanced features for an immersive airsoft experience:

- **Three Mode Operation:** Easily switch between Tracer and Flame mode, Tracer only mode, or Flame only mode to suit your tactical needs.
- **Durable Construction:** Manufactured from highly durable aluminum alloy, ensuring resilience and longevity in demanding airsoft environments.
- **Blaster M Module Included:** Comes with the Blaster M module for enhanced performance and effects.
- **Glow-in-the-Dark LED Lighting:** Specifically designed for use with green/gel tracer BBs, providing a bright, visible tracer effect.
- **14mm CCW Negative Thread:** Compatible with most airsoft replicas featuring a 14mm counter-clockwise threaded barrel.

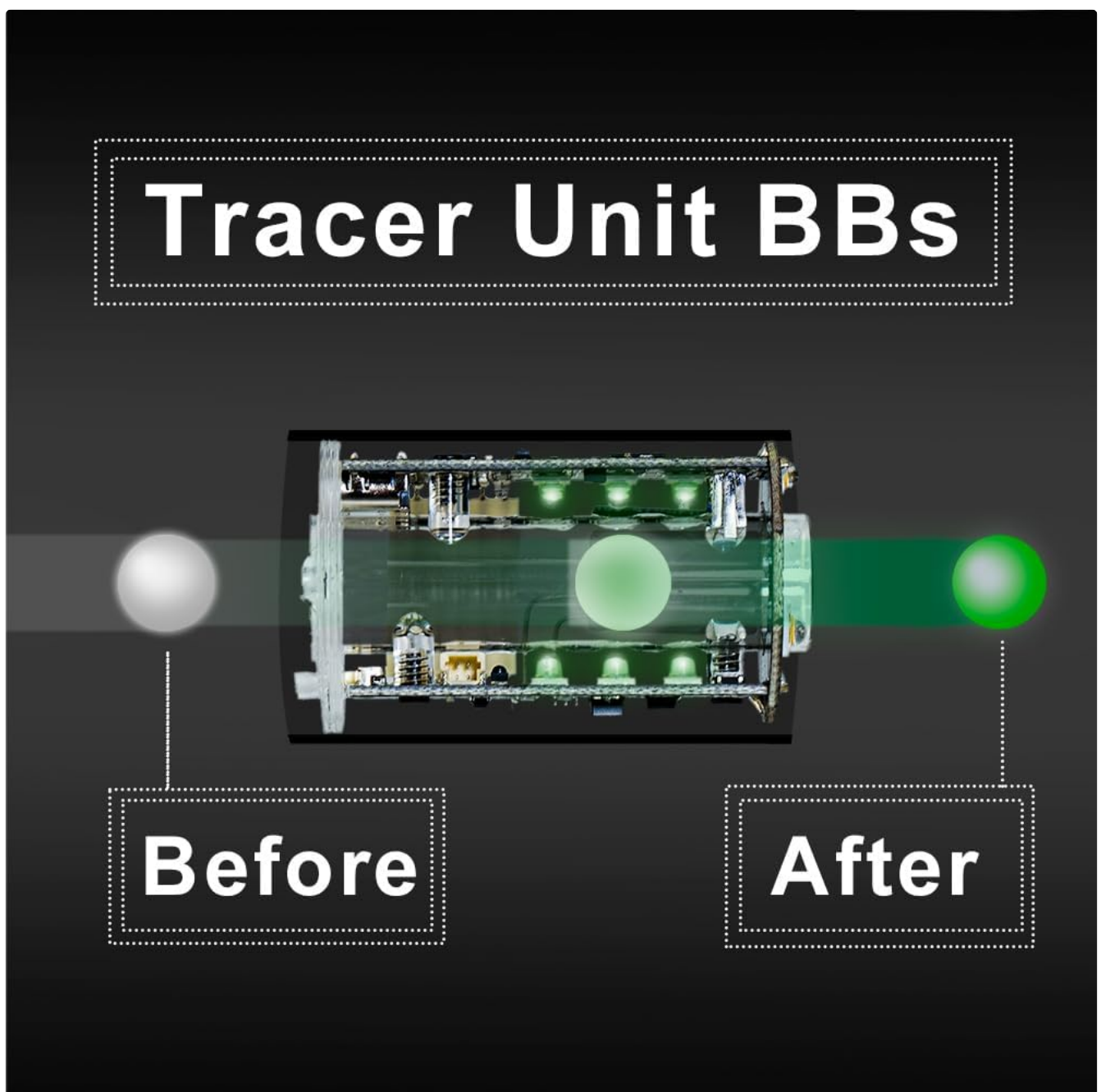


Figure 2: Illustration of the tracer unit's effect on BBs.

### 3. SETUP

Follow these steps to properly set up your ACETECH Raider Blaster Module:

1. **Unpack Contents:** Carefully remove the tracer unit and any included accessories from the packaging.
2. **Charge the Unit:** Before first use, fully charge the tracer unit using the provided USB charging cable. Connect the cable to the charging port on the unit and a compatible USB power source (e.g., computer USB port, wall adapter). The charging indicator light will typically change color or turn off when fully charged.
3. **Attach to Airsoft Replica:** The Raider Blaster Module features a 14mm CCW (Counter-Clockwise) negative thread. Align the tracer unit with the outer barrel of your airsoft replica and rotate it counter-clockwise until it is securely fastened. Do not overtighten.
4. **Load Tracer BBs:** Ensure you are using high-quality green or gel tracer BBs for optimal glow effect. Load them into your airsoft replica's magazine as usual.



Figure 3: Rear view showing the 14mm CCW threading.



Figure 4: Components of the Raider Blaster Module.



Figure 5: Internal Blaster M module.

## 4. OPERATING INSTRUCTIONS

The Raider Blaster Module offers versatile lighting effects. Refer to the following for operation:

1. **Power On/Off:** Locate the power button (refer to product diagram if available). Press and hold for a few seconds to turn the unit on or off.
2. **Mode Selection:** Once powered on, short press the power button to cycle through the three available modes:
  - **Tracer and Flame:** Activates both the tracer illumination for BBs and the simulated muzzle flash effect.
  - **Tracer Only:** Activates only the tracer illumination for BBs.

- **Flame Only:** Activates only the simulated muzzle flash effect.

3. **Firing:** With the unit attached and desired mode selected, fire your airsoft replica as normal. The tracer unit will automatically detect BBs passing through and activate the chosen lighting effects.



Figure 6: Front view showing the LED array.

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Video 1: Official demonstration of the ACETECH Raider Blaster Module's features and effects, including tracer and flame simulation.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your tracer unit:

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the unit. Avoid using abrasive cleaners or solvents that could damage the finish or internal components.
- **Internal Cleaning:** If dust or debris accumulates inside the BB path, gently use a cotton swab or compressed air to clear it. Ensure the unit is powered off before cleaning.
- **Storage:** When not in use, store the tracer unit in a cool, dry place away from direct sunlight and extreme temperatures. It is recommended to fully charge the unit before long-term storage and recharge it every few months to maintain battery health.
- **Avoid Water Exposure:** This device is not waterproof. Avoid exposing it to rain, splashes, or submersion in water.

## 6. TROUBLESHOOTING

If you encounter issues with your ACETECH Raider Blaster Module, refer to the following common solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on.	Low or depleted battery.	Charge the unit fully using the provided USB cable.
Tracer effect is weak or inconsistent.	Using non-tracer BBs or low-quality tracer BBs. Unit not fully charged. Internal sensor obstructed.	Ensure you are using high-quality green or gel tracer BBs. Fully charge the unit. Clean the internal BB path for any obstructions.
Flame effect is not working.	Incorrect mode selected.	Cycle through modes to select "Tracer and Flame" or "Flame Only" mode.
Unit is loose on the airsoft replica.	Not tightened sufficiently or incorrect thread type.	Ensure the unit is securely threaded onto the 14mm CCW barrel. Verify your airsoft replica has a 14mm CCW thread.

If the problem persists after attempting these solutions, please contact ACETECH customer support.

## 7. SPECIFICATIONS

Attribute	Detail
Brand	ACETECH
Model Name	AECTECH-Raider-Tracer Unit with M14 CCW Thread for Airsoft only
Color	Black
Material	Aluminum
Item Weight	0.3 Kilograms
Item Package Dimensions (L x W x H)	5.28 x 3.86 x 2.8 inches
Air Gun Power Type	Electric
Barrel Material Type	Metal
Frame Material	Metal
Sport Type	Airsoft

## 8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official ACETECH website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

You can visit the official ACETECH store for more information: [ACETECH Store](#)

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