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EMERBU Spitfire Gel Splat Blaster Tracer Lighter Unit

EMERBU Metal Simulated Spitfire Gel Blaster Tracer Unit Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the EMERBU Metal Simulated Spitfire Gel Blaster Tracer Unit. Please read this manual thoroughly before use to ensure proper operation, safety, and longevity of your device. This unit enhances your gel blaster experience by illuminating gel balls, creating a visible tracer effect.



Image: The EMERBU Metal Simulated Spitfire Gel Blaster Tracer Unit, shown in black, with an example of the red tracer light effect during operation.

SAFETY INFORMATION

- This product is intended for users aged **15 years and older**. Adult supervision is recommended.
- Always follow local regulations and laws regarding the use of gel blasters and their accessories.
- **Do not aim at eyes or face.** Always use appropriate protective eyewear and gear during operation.
- Keep out of reach of small children to prevent accidental injury or misuse.
- Do not modify the unit. Unauthorized modifications may compromise safety and void the warranty.

PRODUCT FEATURES

- **Multi-Color Light:** Offers 7 distinct light colors for selection.
- **Ultra Endurance:** Provides up to 4 hours of continuous use on a single charge, with a low battery reminder function.
- **High Power Illumination:** Utilizes high-power UV-LED technology and active detection sensing, equipped with 9

high-power flash lights for bright illumination.

- **High Precision Tracing:** Features a built-in motion sensor, enabling a tracing function up to 35 Rounds Per Second (RPS), equivalent to 21000 RPM.
- **High Adaptability:** The main body features a 14mm Counter-Clockwise (CCW) thread interface and includes 2 adapters for compatibility with various gel blasters.

PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are present:

- EMERBU Metal Simulated Spitfire Gel Blaster Tracer Unit
- 14mm CCW to [Adapter 1 size] Adapter (e.g., 10mm CW)
- 14mm CCW to [Adapter 2 size] Adapter (e.g., 11mm CW)
- Charging Cable (USB-A to Micro USB or USB-C, specific type may vary)
- Instruction Manual



Image: The retail packaging box for the EMERBU Spitfire Tracer Unit, indicating its lightweight design and 14mm CCW compatibility.

SETUP

1. **Initial Charge:** Before first use, fully charge the tracer unit. Connect the provided charging cable to the unit's charging port and a suitable USB power source. A full charge typically takes approximately 2-3 hours. The unit may require partial disassembly to access the charging port, depending on the specific design.

2. Attachment to Gel Blaster:

- Identify the barrel thread of your gel blaster. The tracer unit features a 14mm CCW (Counter-Clockwise) thread.
- If your gel blaster has a 14mm CCW thread, directly screw the tracer unit onto the barrel.
- If your gel blaster has a different thread size or direction, select one of the two included adapters that matches your blaster's barrel thread. Screw the adapter onto your blaster's barrel first, then attach the tracer unit to the adapter.
- Ensure the unit is securely fastened to prevent movement during use, but **do not overtighten** to avoid damage to the threads.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Locate the power button on the tracer unit. Press and hold the power button for approximately 2-3 seconds to turn the unit on or off. A light indicator will confirm the power status.
2. **Select Light Color:** Once the unit is powered on, briefly press the power button to cycle through the 7 available light colors. Stop pressing when your desired color is displayed.
3. **Tracer Function:** The unit is equipped with a motion sensor that automatically detects gel balls passing through. When tracer gel balls are used, the unit will illuminate them, creating a visible tracer effect as they travel. For optimal visibility, ensure you are using glow-in-the-dark or tracer gel balls.

MAINTENANCE

- **Cleaning:** Wipe the exterior of the unit with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.
- **Storage:** When not in use, store the tracer unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To maintain optimal battery life, avoid frequently allowing the unit to fully discharge. Recharge the unit promptly when the low battery reminder activates. If storing for an extended period, charge the unit to approximately 50% capacity every few months.

TROUBLESHOOTING

- **Unit Not Turning On:**
 - Ensure the unit is fully charged.
 - Verify that the power button is being pressed and held for the correct duration (2-3 seconds).
- **Difficulty Charging / Accessing Charging Port**
 - Some users have reported that the unit may require partial disassembly to access the charging port. Carefully unscrew the relevant section of the unit if the port is not readily visible.
 - Ensure the charging cable is securely connected to both the unit and the power source.
- **No Tracer Effect:**
 - Confirm that tracer gel balls are being used. Regular gel balls will not glow.
 - Ensure the unit is powered on and the light is active.
 - Check for any obstructions within the unit's path that might interfere with the motion sensor.
- **Low Battery Reminder:** If the unit indicates a low battery, recharge it promptly to avoid interruption of use and to maintain battery health.

SPECIFICATIONS

Attribute	Detail
Product Dimensions	3.47 x 1.42 x 1.42 inches (88mm x 36mm x 36mm)
Item Weight	6.7 ounces
Interface	14mm Counter-Clockwise (CCW) thread
Manufacturer	EMERBU
Recommended Age	15+ years
Battery Life	Up to 4 hours (continuous use)
Flash Lights	9 high-power UV-LEDs
Tracing Rate	Up to 35 RPS (21000 RPM)



Image: A diagram illustrating the key dimensions of the tracer unit, including its length (88mm), diameter (36mm), and 14mm CCW thread interface.

WARRANTY AND SUPPORT

For warranty information, technical assistance, or any product-related inquiries, please contact EMERBU customer service. You can typically find contact details through your original retailer or on the official EMERBU website. Please retain your purchase receipt as proof of purchase for warranty claims.

