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› ACETECH Quadra S Airsoft Tracer Unit Instruction Manual

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ACETECH Quadra S Airsoft Tracer Unit Instruction Manual

Model: Quadra S | Brand: ACETECH

INTRODUCTION

The ACETECH Quadra S is a compact and powerful airsoft tracer unit designed to enhance your airsoft experience with its unique square design and advanced features. It provides a bright flash effect with every shot and supports various BB types. This manual will guide you through the proper use and care of your Quadra S unit.



Image: The ACETECH Quadra S Tracer Unit, a compensator-style unit, attached to an airsoft pistol, highlighting its design and function.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Quadra Tracer Unit
- M14(-) to M11(+) Adapter
- 1.5mm Allen Key
- M3*4 Set Screw
- User Manual (this document)

Quadra Specifications

Dimensions

L 45.5mm
W 25.8mm
H 37.3mm

Charger Port

USB-C

Battery Type

Li-Ion battery

RPS Support

35 PRS

Weight_(w/o adaptor)

50g

Warranty

12 months

Support BBs

Standard BBs (Quadra S)
Green tracer BBs
Red tracer BBs

Package Contents

- Quadra
- M14(-) to M11+ Adaptor
- 1.5mm Allen Key
- M3*4 Set Screw
- User Manual



Image: Contents of the ACETECH Quadra S package, including the unit and accessories.

1. Charging the Unit

The Quadra S unit is equipped with a built-in lithium battery. Before first use, fully charge the unit using the provided USB-C port.

1. Locate the USB-C charging port on the Quadra S unit.
2. Connect a USB-C cable to the unit and to a compatible USB power source (e.g., computer, wall adapter).
3. The charging indicator light will show the charging status. Refer to the LED indicator section for details.
4. Once fully charged, disconnect the cable.



Image: USB Type-C charging port on the Quadra S unit.

2. Installation on Airsoft Replicas

The Quadra S is designed for airsoft replicas with a 14mm CCW (Counter-Clockwise) threaded barrel. An 11mm CW (Clockwise) to 14mm CCW adapter is included for compatibility with pistols.

1. **For 14mm CCW Barrels:**

- Carefully screw the Quadra S unit onto the 14mm CCW threaded barrel of your airsoft replica.
- Ensure it is securely tightened but do not overtighten.
- Use the adjustable alignment screw to ensure perfect centering and prevent wobbling.

2. For 11mm CW Barrels (Pistols):

- First, screw the included 11mm CW to 14mm CCW adapter onto your pistol's 11mm CW threaded barrel.
- Then, screw the Quadra S unit onto the 14mm CCW end of the adapter.
- Ensure both the adapter and the tracer unit are securely fastened.
- Adjust the alignment screw on the tracer unit for optimal fit.



Image: The Quadra S unit with its 14mm CCW threading and the included 11mm to 14mm adapter.

OPERATING INSTRUCTIONS

The Quadra S features intelligent motion detection for automatic activation and multiple tracer modes.

1. Power On/Off and Smart Motion Detection

The unit is designed for ease of use with its smart motion sensor. There is no manual power button for activation.

- **Automatic Activation:** The Quadra S automatically activates when it detects BBs passing through. Simply start firing your airsoft replica, and the unit will turn on.
- **Automatic Standby/Sleep:** The unit will enter a low-power standby mode after a period of inactivity to conserve battery. It will reactivate automatically upon detecting movement or firing.

2. Tracer Modes

The Quadra S offers various modes to enhance your shooting experience. The unit features intuitive controls for mode selection.



Image: Intuitive control buttons on the Quadra S unit.

- **Tracer Mode:** Illuminates tracer BBs as they pass through, creating a visible light trail.
- **Flash Mode:** Produces a bright muzzle flash effect with each shot, enhancing visual realism.

- **Tracer & Flash Mode:** Combines both tracer illumination and muzzle flash effects.
- **Bifrost Mode (Quadra S Specific):** This mode creates a multi-color light trail effect, adding a unique visual flair to your shots.

Refer to the specific button combinations or sequences on the unit itself for switching between these modes. Typically, a short press or long press of a designated button will cycle through the available modes.



Image: Visual representation of the Quadra S Bifrost Mode.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ACETECH Quadra S Tracer Unit.

- **Cleaning:**
 - Periodically wipe the exterior of the unit with a soft, dry cloth to remove dust and debris.
 - Ensure the BB detection sensors and light emitters are clear of obstructions. Use a cotton swab if necessary.
 - Do not use harsh chemicals or abrasive materials for cleaning.
- **Battery Care:**
 - Avoid completely draining the battery before recharging.
 - If storing the unit for an extended period, charge it to approximately 50-70% capacity.
 - Store in a cool, dry place away from direct sunlight.
- **Storage:**
 - When not in use, store the unit in a protective case or pouch to prevent scratches and impact damage.
 - Keep away from extreme temperatures and moisture.

TROUBLESHOOTING

If you encounter issues with your Quadra S unit, refer to the following common troubleshooting steps:

- **Unit Not Activating:**
 - Ensure the battery is charged. Connect to a USB-C charger and check the indicator light.
 - Verify that BBs are passing cleanly through the unit. Obstructions can prevent detection.
 - Check if the unit is properly aligned and secured to the barrel.
- **Tracer Effect is Weak or Inconsistent:**
 - Ensure you are using high-quality tracer BBs. Standard BBs will not glow.
 - Check the battery level; a low battery can affect light output.
 - Clean the internal light emitters and sensors as described in the Maintenance section.
- **Unit Wobbles on Barrel:**
 - Retighten the unit onto the barrel or adapter.
 - Adjust the alignment screw using the provided Allen key to secure the fit.
 - Ensure the correct adapter (11mm CW to 14mm CCW) is used if applicable.
- **Charging Issues:**
 - Try a different USB-C cable and power source to rule out faulty accessories.
 - Ensure the charging port is clean and free of debris.

If problems persist after attempting these steps, please contact ACETECH customer support.

SPECIFICATIONS

Dimensions (L x W x H)	45.5mm x 25.8mm x 37.3mm
Weight (without adapter)	50g
Material	Aluminum
Battery Type	Li-ion battery (included)
Charger Port	USB-C
RPS Support	Up to 35 PRS (Rounds Per Second)
Supported BBs	Standard BBs (Quadra S), Green tracer BBs, Red tracer BBs
Thread Compatibility	14mm CCW (with included 11mm CW to 14mm CCW adapter)
Color	Black



Image: Dimensional overview of the Quadra S unit.

WARRANTY

The ACETECH Quadra S Tracer Unit comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, unauthorized modification, accident, or improper maintenance.

Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or warranty inquiries, please contact ACETECH customer service through their official website or the retailer from whom you purchased the product.

Official ACETECH Website: www.acetech.com.tw

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question