

# MINIMAL OPTICAL DEFLECTION (MOD) 4 HANDGUARD - AERO

## PRECISION MINIMAL OPTICAL DEFLECTION (MOD) 4 HANDGUARD

### 12.7" ODG

[Rifle Parts](#) > [Build Kits](#) > [Handguards & Rails](#)

MINIMAL OPTICAL DEFLECTION (MOD) 4 HANDGUARD The Aero Precision Minimal Optical Deflection (MOD) 4 handguard seamlessly blends robust construction with an ergonomic form factor, ensuring no compromises between the two. Machined from 6061-T6 aluminum, the handguard is engineered with a focus on stiffness to drastically reduce deflection under load. It attaches to the upper receiver via a steel barrel nut, which also serves to significantly reduce point-of-impact shift when using an infrared laser aiming device under load. In addition to its premium engineering, the MOD 4 handguard offers several quality-of-life improvements. A full-length, 7-sided M-LOK™ interface allows the user to customize their build according to their preferences. The steel-reinforced QD sockets are a small but important detail, enhancing the sheer strength of the sockets and ensuring they do not wear prematurely when interfaced with standard steel QD sling attachments. Installation of this handguard is simplified at the barrel nut, as the need for timing has been eliminated, and the barrel nut lug pattern matches mil-spec castle nuts, removing the need for specialty tools. Finally, the inclusion of two anti-rotation set screws adds redundancy and ensures a more tailored fit when the handguard is used with third-party upper receivers. FEATURES: 6061-T6 aluminum construction Steel barrel nut 7 sided M-LOK™ 4 steel-reinforced Quick Disconnect (QD) sockets Internal Diameter: 1.2" Compatible with low-profile gas blocks INCLUDES: MOD 4 Handguard MOD 4 Barrel Nut MOD 4 Mounting Hardware NOTE: MOD 4 Handguards are designed to match seamlessly with Aero's M4E1 Threaded Upper Receivers and components from the PRO series. Additionally, the MOD 4 handguards are compatible with Mil-Spec AR-15 upper receivers. SPECIFICATIONS: Platform: AR-15 Series: MOD 4 Attachment Type: M-LOK Material: Machined from 6061-T6 aluminum Actual Handguard Lengths: 10.6", 11.4", 12.7", 13.5", 15" NOTE: Aero Precision rail lengths are measured from end to end. Weight(s): 10.6" = 14.78 oz, 11.4" = 15.06 oz, 12.7" = 16.12 oz, 13.5" = 16.75 oz, 15" = 17.73 oz Other: Handguard Screw Torque - 55+/-5 in-lbs



### Attributes

- Name: [AERO PRECISION MINIMAL OPTICAL DEFLECTION \(MOD\) 4 HANDGUARD 12.7" ODG](#)
- Manufacturer: [AERO PRECISION](#)
- Product no.: 430112214
- Mfr. No.: APRA600013C
- Colour: O.D. Green
- Length: 12.7"
- Material: -
- Model: M4E1
- Style: -
- Type: M-LOK
- Weapon type: Aero
- Delivery weight: 0.907kg
- Shipping height: 76mm

- Shipping width: 51mm
- Shipping length: 457mm
- UPC: 840014623358

## **Item details**

Made in USA

US export classification: 0A501.y.1

# Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for Aero Precision Minimal Optical Deflection \(MOD\) 4 Handguard](#)
- [About Us](#)

# Safety Instruction Guide for Aero Precision Minimal Optical Deflection (MOD) 4 Handguard

## Introduction

Thank you for choosing the Aero Precision Minimal Optical Deflection (MOD) 4 Handguard. This guide provides essential safety instructions and precautions to ensure the safe use and installation of your handguard. Please read this document carefully to understand how to use the product safely and effectively.

## General Safety Guidelines

- Ensure that the handguard is compatible with your firearm before installation.
- Always handle firearms with care and treat them as if they are loaded.
- Keep the handguard and all firearm components out of reach of children and unauthorized users.
- Regularly inspect the handguard for any signs of wear or damage before use.
- Use only the recommended mounting hardware and installation tools to avoid compromising safety.
- Be aware of your surroundings and ensure that you are in a safe environment when using your firearm.

## Specific Safety Precautions for Use

- **Installation Safety:** Ensure the firearm is unloaded before beginning the installation process.
- **Torque Specifications:** Follow the handguard screw torque specifications of 55 +/- 5 inlbs to prevent damage or improper installation.
- **Weight Limitations:** Do not exceed the weight limitations of the handguard when attaching accessories to avoid excessive deflection or failure.
- **Compatibility Checks:** Verify that the MOD 4 Handguard is compatible with your specific upper receiver type to prevent installation issues.
- **Use of Accessories:** Only use accessories that are designed for MLOK attachment to prevent accidents or injuries.
- **Heat Management:** Be cautious of the handguard's temperature after extended use, as it may become hot and cause burns.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure that your workspace is clean and free of distractions.
- Gather necessary tools: a torque wrench and any additional tools required for installation.

### 2. Installation Process:

- **Step 1:** Verify that the firearm is unloaded and safe.
- **Step 2:** Remove the existing handguard, if applicable.
- **Step 3:** Attach the steel barrel nut to the upper receiver, ensuring it is secured properly.
- **Step 4:** Align the MOD 4 Handguard with the barrel nut and secure it using the provided mounting hardware.
- **Step 5:** Using a torque wrench, tighten the screws to the specified torque of 55 +/- 5 inlbs.
- **Step 6:** Install any additional accessories using the MLOK interface as desired.

### 3. PostInstallation Checks:

- Inspect the handguard to ensure it is securely attached.
- Check for any movement or play in the handguard.

- Ensure that all accessories are firmly attached and do not obstruct the operation of the firearm.

## **Disposal Instructions**

- Dispose of any packaging materials responsibly by recycling when possible.
- If the handguard is damaged beyond repair, dispose of it in accordance with local regulations for hazardous materials.
- Ensure that all firearm components are disposed of safely, following local laws and regulations.

## **Contact Information for Further Support**

For any safety inquiries or additional support regarding the Aero Precision Minimal Optical Deflection (MOD) 4 Handguard, please refer to the manufacturer's website or contact your local dealer.

## **Conclusion**

By following these safety instructions, you can ensure a safe and effective experience with the Aero Precision Minimal Optical Deflection (MOD) 4 Handguard. Always prioritize safety and responsibility when handling firearms and related components. Thank you for your attention to these important guidelines.

# About Us

## Brownells UK

### **Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories**

Unit 1, Laughing Dog Industrial Estate  
London Road  
Rugby  
Warwickshire  
CV23 9LP

[www.brownells.co.uk](http://www.brownells.co.uk)