

# BRN-180 16" GEN 2 UPPER REC W/ MI ALPHA SERIES FOLDING STOCK - BROWNELLS BRN-180 GEN2 223 WYLDE 16" UPER WITH MI ALPHA FOLDING STOCK

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BRN-180® Upper Receiver Group Gen2 – Reliable Piston System Made Even More Versatile Designed in conjunction with PWS & FM Products, the Brownells BRN-180® Complete Upper Receiver is inspired by the Armalite® AR-180 of the 1960s. Developed as a successor to the original AR-15, the AR-180 was a civilianized version of the AR-18, itself an upgrade on the M16 platform. The BRN-180® incorporates many of the AR-18/AR-180 improvements - including its robust and reliable gas piston operating system. (Yes, the originators of the AR-15 / M16 eventually embraced a piston!) The BRN-180® Gen2 Upper Receiver Group improves upon the original BRN-180 with two main upgrades. First, all BRN-180® Upper Receivers now ship with an Adjustable Gas System, previously only found on the BRN-180S®. The operating mechanism, the short stroke gas piston concept remains the same, but the user can select between two settings, depending on their conditions and ammunition, to ensure smooth and consistent function. No more spare gas piston cup to worry about. In addition to the new Adjustable Gas System, the Handguard is now retaining with a single locking screw. This large screw provides ample locking force and ensures a more consistent handguard lockup than the previous mechanism. During extended firing, and the barrel heating up, this new locking system ensures the handguard retains alignment and rigidity with the upper receiver. Also, with this new takedown mechanism, the handguard can be removed to access the gas system without removing the internal components. Like the original, the BRN-180® bolt carrier rides smoothly on a PAIR of guide rods. The carrier is buffered at the rear by a built-in polymer buffer with a molded-in steel plate that captures the guide rods. The Nitride bolt replicates the original AR-180 bolt design, right down to its use of a standard AR-15 extractor. Wait - we know what you're dying to ask. Yes, the BRN-180® upper receiver is fully compatible with any standard, mil-spec AR-15 lower receiver. The 16" barrel is machined from extra-strong 4150 carbon steel, with a hard Nitride finish that really resists surface wear. The BRN-180™ is chambered in .223 Wylde - for extra flexibility in ammo choice - with 1-8" rifling, so it handles both .223 Remington and military-type 5.56mm NATO ammo with equal aplomb. Up front there's a replica of the AR-180's unusual three-prong flash hider: the hemispherical bottom prong helps prevent the muzzle blast from kicking up a dust signature when shooting prone. Standard ½-28 tpi muzzle threads let you swap on a modern AR-15 muzzle device should you be bitten by the customizing bug. Ultra-reliable AR-180 piston operating system Compatible with current mil-spec AR-15 lowers Machined 7075 T6 aluminum receiver & handguard - hardcoat anodized finish 16" or barrel with matte black Nitride finish .223 Wylde chamber Button rifled bore; 1-8" twist ½"-28 threaded muzzle Replica 3-prong AR-180 flash suppressor Molded polymer ejection port cover Total weight: 4.65 lbs ALPHA Series Folding Stock Shipped for rifle use, also compatible with Gear Head Works tailhook for arm brace use. Cosmetic arm brace plug sold separately to ensure back beam is smooth. Adjustable polymer cheek piece for comfortable use with all users Adjustable butt pad for increased usability with plate carriers or heavy gear. 5 position locking beam with textured button for quick changing Heavy-duty side-folding mechanism constructed from 4140 heat treated steel Compatible with firearms that include 1913 rail adaptor Full-length locking lug for maximum strength Solid



positive lock up in both positions Steel clamp with large surface engagement  
Can be configured to right - or left-folding Features 3 QD sling attachments  
Curved, adjustable top surface for a comfortable cheek weld Adds 8.0" to  
overall firearm length Adds 0.75" to the length of the firearm in the folded  
position Complete assembly weight: 1b 5oz. Constructed of high strength  
polymer, aluminum, and steel components Made 100% in the USA - lifetime  
warranty It is the responsibility of the purchaser to ensure that possession and  
use of this item is in compliance with all relevant federal, state, and municipal  
laws or statutes. End user is also responsible for any ATF requirements

## Attributes

- Name: BROWNELLS BRN-180 GEN2 223 WYLDE 16" UPER WITH MI ALPHA FOLDING STOCK
- Manufacturer: BROWNELLS
- Product no.: 430105849
- Mfr. No.: NONE- MIX
- Cartridge: 223 Wylde
- Colour: Black
- Finish: Anodized
- Length: 16"
- Model: BRN-180
- Muzzle: 1/2-28
- Style: Complete
- Twist: 1-8
- Weapon type: Brownells
- Delivery weight: 2.585kg

## Item details

Made in USA

US export classification: 0A501.e

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# Safety Instruction Guide for BRN180 16" Gen 2 Upper Receiver with MI Alpha Series Folding Stock

## Introduction

Thank you for purchasing the BRN180 16" Gen 2 Upper Receiver with MI Alpha Series Folding Stock. This guide provides essential safety instructions and information to ensure the safe use and maintenance of your product. Please read this guide carefully before use to understand the potential hazards and how to avoid them.

## General Safety Guidelines

- Always treat every firearm as if it is loaded.
- Keep the firearm pointed in a safe direction at all times.
- Ensure that the firearm is stored securely and out of reach of children and unauthorized users.
- Use only the recommended ammunition for your firearm.
- Regularly inspect your firearm for signs of wear or damage.
- Always wear appropriate safety gear, including eye and ear protection, when using the firearm.
- Be aware of your surroundings and ensure a safe shooting environment.
- Follow all local laws and regulations regarding firearm ownership and usage.

## Specific Safety Precautions for Use

- **Adjustable Gas System:** Ensure the gas system is set correctly for the ammunition you are using to avoid malfunctions.
- **Handguard:** Confirm that the handguard is securely locked in place before firing to prevent it from becoming loose during use.
- **Folding Stock:** Make sure the folding stock is properly locked in either the open or closed position before using the firearm.
- **Muzzle Device:** Check that the muzzle device is securely attached to prevent it from detaching during use.
- **Ejection Port Cover:** Ensure the ejection port cover is functioning correctly to prevent debris from entering the action.
- **Weight Considerations:** Be mindful of the total weight of the firearm, especially when using it with additional gear or accessories.

## Instructions for Installation and Usage

### Installation

#### 1. Upper Receiver Attachment:

- Align the BRN180 Upper Receiver with a compatible milspec AR15 lower receiver.
- Push down on the rear takedown pin until it clicks into place.
- Ensure the front pivot pin is securely locked.

#### 2. Handguard Attachment:

- Loosen the locking screw on the handguard.
- Slide the handguard into place over the barrel.
- Tighten the locking screw until secure.

### 3. **Stock Installation:**

- Attach the MI Alpha Series Folding Stock to the rear of the upper receiver.
- Ensure the stock is locked in position and test for stability.

## **Usage**

### 1. **Loading the Firearm:**

- Open the ejection port cover.
- Insert the appropriate magazine filled with compatible ammunition.
- Pull the charging handle to chamber a round.

### 2. **Firing:**

- Ensure the firearm is pointed in a safe direction.
- Disengage the safety mechanism.
- Squeeze the trigger gently to fire.

### 3. **PostFiring:**

- After firing, engage the safety mechanism.
- Remove the magazine and clear the chamber to ensure it is empty.

## **Disposal Instructions**

- Dispose of any unused or expired ammunition according to local regulations.
- When disposing of the firearm or its components, contact local authorities for proper disposal methods.
- Ensure that all parts are rendered inoperable before disposal to prevent unauthorized use.

## **Contact Information for Further Support**

For questions regarding safety, usage, or maintenance of the BRN180 Upper Receiver, please contact the manufacturer or your local firearms dealer for assistance. Ensure to keep all product documentation for future reference.

By following these guidelines and precautions, you can help ensure a safe and enjoyable experience with your BRN180 16" Gen 2 Upper Receiver with MI Alpha Series Folding Stock. Always prioritize safety for yourself and others when handling firearms.

# About Us

## Brownells UK

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