

# M4A1 - 5.56 Rifle

U.S. Marine Corps photo by Col. Brian Lewis



*M4A1 shown with folding Back-Up Iron Sight and optional 16" barrel.*

## DESCRIPTION

The Manroy M4A1 features a 14.5" (37cm) Chrome Moly Vanadium MIL-B-11595 alloy barrel and a six-position M4 style synthetic collapsible stock. It is a lightweight, air-cooled, gas-operated, magazine-fed, shoulder-fired carbine designed for semiautomatic fire and feeds from a detachable box magazine. (Full Auto and 3-Shot Burst Fire versions are available for law enforcement and military sales.) The weapon is designed with a rotating steel bolt group and barrel extension with locking lugs which lock the bolt to the barrel extension thus allowing the rifle to have a lightweight aluminum receiver.

The M4A1 incorporates a M4 Government profile barrel with 1-in-7" twist rate and chrome lined chamber and bore and M4 feed ramps on the barrel extension. A standard A2 flash hider/compensator caps the 1/2x28 RH threaded muzzle. The front sight base is machined from a solid forging, is "F-marked" for proper sight alignment with Mil-Spec detachable carry handle rear sights, and is pinned on the barrel using hardened taper pins. The barrels are phosphate finished under

the front sight base. The barrel features the M4 cut to allow for the attachment of M203 40mm grenade launchers and has a bayonet lug on the front sight base for use of the M7 and M9 bayonet.

The M4A1 is capable of firing all commercial .223 Remington and NATO 5.56x45mm ammunition. The M4A1 carbine is offered with a folding Back-Up Iron Sight (BUIS) (pictured above) or a detachable carry handle with adjustable rear sight. The removable carry handle assembly includes a rear sight with two apertures that are adjustable for both windage and elevation (0-600 meters). The Picatinny rail flat-top upper receiver allows for the mounting of optical or electronic sighting systems. The bottom of

the trigger guard opens to provide access to the trigger while wearing winter gloves.

The XR15-M4A1 carbine is based on the time proven AR-15/M16 design and built to the stringent quality standards inherent in all Manroy products. All Manroy XR15 rifles and carbines feature Mil-Spec components, including: hardcoat anodized receivers made from forged 7075 T6 alloy, Mil-Spec manganese phosphate coated barrels, and forged front sights.



# M4A1

U.S. Marine Corps photo by Col. Brian Lewis



## CHARACTERISTICS

Order Code	90186 (Select Fire – safe, semi, full auto)
Caliber	5.56 mm NATO/.223 Remington
Magazines	Each weapon furnished with two 30-round magazines
Barrel	14.5" (37cm) Chrome Moly Vanadium Mil-B-11595 alloy steel, Mil-Spec phosphate finish, 1:7 twist, chrome-lined chamber and bore
Muzzle Brake	Standard A2 Flash Hider threaded on 1/2x28 RH threads
Selector	3-Position - Safe, Semi-Automatic and Full Automatic
Receiver	7075-T6 Forged Upper and Lower receivers CNC machined and Mil-Spec Hard Coat Anodized
Stock	M4 style six-position adjustable stock
Sights	Forged F-Marked Front Sight Base with Adjustable Post. Folding Back-Up Iron Sight included
Bolt	Gas Operated Rotating Bolt
Handguards	M4 style plastic handguards with internal heat shields
Parts	Delta ring, trigger guard and magazine release button made from aircraft grade aluminum
Weight	6.5 lbs (without magazine)
Length	31" (79cm) with stock closed, 34.75" (89cm) with stock extended
Manual	Each weapon supplied with an operators manual
Warranty	One Year Limited Warranty