Developed by the “Father of KeyMod”, Eric Kincel, the BCM KeyMod Rail (KMR) delivers a robust, ultra-light modular handguard for the AR platform, second to none on the market today.
Manufactured from an exclusive blended aluminum and magnesium alloy, the BCM KMR weighs 30-40% less than pure aluminum with the same strength properties. The BCM KMR also features a proprietary patent pending mounting, indexing and lock up system that mitigates 12:00 rail movement due to heat generated from the barrel nut.

The KMR's propriety finish is a plasma deposition process originally developed for the Aerospace industry. The finish creates a stabilized, ceramic-like surface coating with superior wear resistance when compared to anodized or even hard chrome. The stabilized nature of the coating means it has a higher corrosion resistance as well, due to the lack of ‘pores’ in the surface.
The KeyMod™ interface system was originally developed by Eric Kincel (now the Director of BCMs’ product development team) to work in parallel with the current Picatinny rail handguard system. In many applications, the KMR will offer modularity and customization exceeding the current 1913 rail systems with baked-in rails.

The BCM KMR also allows for a greater range of customization, offering an additional 4 offset mounting points between traditional 3, 6, 9, and 12:00 positions.

At its heart, the KeyMod™ system creates the potential for universal modularity between various manufacturers of accessories and accessory rails. As more options become available, new KeyMod™ accessories will attach directly to the KeyMod™ slots rather than via Picatinny rail segments, creating a lighter, cleaner, and less bulky weapon system.
I have been running Bravo Company guns for 7 years. There is a reason for that.

When we received the new KMR gun in mid-2013, we thought it was a very cool gun. But it wasn’t until we shot it that we realized how cool it really was. The KeyMod rail is light—extremely light—and the Key Mod slots add another dimension to mounting solutions, while keeping the weight of mounts for mission essential equipment down. When we first shot it we were surprised at how well it handled. It has a near perfect symmetry of weight, balance and control. We (and our students) have put 9975 rounds downrange with this gun (my #125). We have never cleaned it, and only added SLIP 2000EWL. It runs like the proverbial sewing machine, and we expected nothing else.

PHOTO BY PRAIREFIRE - SPARTAN VILLAGE

PAT ROGERS

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When I was in Force Recon, I was present for the transition of plastic hand guards to Picatinny rail systems back in the early 90’s. This was a huge turning point for the AR/M4 platform. Overnight we went from duct tape and hose clamps to a series of purpose built rail interfaces that were more durable and consistently dependable than the handguards of the past.

At the time, we paid a small price in weight for this new technology but over time, in the quest for more real estate, handguards became longer and by extension heavier. Enter the BCM KMR. Rather than using lightning cuts or polymer, BCM has changed the conversation and built their Keymod Handguard from an Aluminum Magnesium Alloy, creating a handguard that is the lightest free float on the market without sacrificing the rigidity or durability of the platform. Add to that, the KeyMod™ Interface and I have a modular system with no fat left to cut.
I am a minimalist when it comes to accessories and I am a firm believer in “less is more” when we are talking about things bolted to the front of my rifle. The BCM KeyMod Modular Rail (KMR) allows for rail segments or direct attach KeyMod mounts only where I need them. The slim, smooth and uncluttered profile of the KMR magnesium/aluminum forend also weighs a fraction of other offerings, making target-to-target transitions and muzzle control near effortless. The BCM KMR is by far, my favorite free-float forend for the AR platform.
My experience in the military dates back to the very first issued Picatinny railed handguards, which gives me a unique perspective on the history of the platform. With their KMR handguard, BCM has raised the bar above any other handguard being issued today and has set a new gold standard for lightweight modular rails! On top of the weight savings, the KMR delivers an unprecedented level of operator customization in an extremely slim profile and has become my go to rail above all others.

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