



US Army, Technical Manual, M150, SIGHT, RIFLE COMBAT OPTIC (RCO), (NSN: 1240-01- 557-1897), 2008

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The M150 is an Advanced Combat Optical Gunsight (RCO) designed for the M4, M16A2, M16A4, and M249 SAW Machine Gun in Automatic Rifle (AR) role. It provides the shooter with quick target acquisition at close combat ranges while providing enhanced target identification and hit probability out to 800 meters utilizing the Bullet Drop Compensator (BDC). The M150 incorporates dual-illumination technology using a combination of fiber optics and self-luminous Tritium. This allows the aiming point to be always illuminated without the use of batteries. The Tritium illuminates the aiming point in total darkness, and the fiber-optic self-adjusts reticle brightness during daylight according to ambient light conditions. This allows the operator to keep both eyes open while engaging targets and maintaining maximum situational awareness.

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