

# MDR-06 Field Rifle

With the aging [Beschützer Series Mass-Driver Rifle](#) nearing its operational end, the [Abwehrran Armed Forces \(AAF\)](#) called for a new rifle for planetary operations. Both [Kaiserlich F&E](#) and [Kaiserlich Waffenerbauer](#) stepped up to the challenge with the new MDR-06 Field Rifle. With improved durability and versatility over its predecessors, the Field Rifle is the one mass driver rifle to replace the standard [Beschützer Series Mass-Driver Rifle](#) of old.

KWB-MDR-06 "MDR-06 Field Rifle" Designer: [Kaiserlich F&E](#) Manufacturer: [Kaiserlich Waffenerbauer](#)  
(Suggested) Price: 3000 Credits.

## Nomenclature Information

Name: Mass Driver Field Rifle (railgun)  
Type: Electromagnetically-propelled Projectile  
Model: Light Infantry Field Rifle Role: Frontline Combat Length: 800 mm (31.4 inches) Mass: 4.2 kg (9.3 lbs)

## Discharge Information

Projection/ammo type: 13x39mm rifle rounds

### Damage Rating Values

Ammunition	Damage Rating	Description
13mm Tungsten-Carbide Ball	3 PDR	Anti-personnel Ammunition
13 x 39mm Explosive Slugs	4 PDR	Explosive Ammunition
13 x 39mm Rubber Shot	0	Non-lethal Ammunition
13 x 39mm Tungsten-Carbide Spike	4 PDR	Standard Ammunition

Firing Mechanism: The trigger is a simple "complete the circuit" button that creates a connection between the rifle's [Nuclear Battery](#) and the superconductor rails in the barrel. A microchip will limit the rate of fire based upon the selector switches position<sup>1)</sup>.

Effective Range 600 meters  
Maximum Range: 800 meters  
Muzzle Velocity: 1000 meters per second (~3280 feet per second)

Firing Mode(s): Firing mode is selected via the safety mechanism.

- (S)afety: The weapon is unable to fire in this mode. In this mode, the trigger is locked so that it can't complete the circuit.
- (1)Semi-Automatic: The Field Rifle will fire one round each time the trigger is pulled.
- (B)Burst Fire: A single burst of three rounds will be launched with each press of the trigger.
- (F)Full Automatic: The Field Rifle will continue to fire as the trigger is held down.
- (A)Attachment Fire: Unlike previous Mass Driver Rifles, the Field Rifle will come with two attachments: an [30mm Under-slung Grenade Launcher](#) and an [20mm Under-slung Flechette Launcher](#). Flipping the safety mechanism to (A) will allow a user to fire the attachment. When no Attachment is equipped, the (A) selection acts like another (S) selection.

Rate of Fire: 900 rounds per minute

## Ammo Description

Name: 13x39mmR.

- Magazine capacity: 50 rounds.

## Weapon Mechanisms

Safety: Located on both sides of the weapon just above the trigger, the Safety mechanism is a thumb dial that is easy to use for both right and left-handed individuals.

Weapon Sight: The Field Rifle has four modes of sighting on the weapon. The old 'iron sights' are still available if a user were to remove the scope attachment, but they would lose the other valuable modes. With the scope attachment, a user is able to use two modes: Holosight and Telescopic. Holosight is a reflexive sight used in close-quarters situations. This usually superimposes a reticule in front of the user's vision when they look through. Telescopic enables a user to get a closer picture on the situation with a maximum zoom of 10x normal vision. The Four Mode requires the usage of the new [AAF Light Infantry Armor](#): Camera view. On the scope itself, is a tiny fiber optic camera that is able to transmit what it sees to the Armor's helmet visor via touch connector near the safety mechanism.

Attachment Hard points: The section in front of the trigger area is a removable attachment of its own. The standard attachment for the rifle is a hand guard section, but it can be replaced by an [30mm Under-slung Grenade Launcher](#) or an [20mm Under-slung Flechette Launcher](#) for added firepower..

## Visual Description



## History

As the [Abwehran Star Empire](#) began to expand out into the galaxy, they began to realize that their military's [Beschützer Series Mass-Driver Rifle](#) was quickly becoming obsolete with age. This especially became apparent after their contact with [Origin Industries](#). In order to keep their place as the [Abwehran Armed Forces \(AAF\)](#) military supplier, [Kaiserlich Waffenerbauer](#) requested aid from [Kaiserlich F&E](#) to design a reliable and effective mass driver rifle.

In the mid-Second quarter of AF 260 ([YE 32](#)), the R&D organization came to their manufacturer's rescue with the MDR-06 Field Rifle. Combining its effectiveness with the newest technologies coming out of [Kaiserlich F&E](#), the MDR-06 is still reliable enough because of its simplicity of design. The MDR-06 is said to replace the old [Beschützer Series Mass-Driver Rifle](#) entirely by the Third Quarter of AF 260 ([YE 33](#)).

<sup>1)</sup>

see safety mechanism

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