

LIR-01 Laser Rifle

A minaturized version of the [10mm Infantry Laser Cannon](#), the LIR-01 is a hand-held energy weapon design in conjunction with the [Jäger Heavy Infantry Armor](#) during the fourth quarter of AF 260 [YE 34](#). The LIR-01 is seen as a cheaper alternative to the [GIR-01 Gauss Rifle](#).

Nomenclature Information

Designer: [Kaiserlich F&E](#) Manufacturer: [Kaiserlich Waffenerbauer](#) Name: LIR-01 Type: LASER Weapon Role: Anti-Armor Length: 900mm (~35 inches) Mass: 15kg (~33 lbs) Rate of Fire: 500 pulses per minute or 4 five-second beams per minute

About the LIR-01

While the primary Infantry Weapon of the [Abwehrran Armed Forces \(AAF\)](#) has always been magnetically-propelled projectiles, the need for energy weapons can also be found. An energy weapon doesn't need expensive ammunition and can use rechargeable batteries to still damage enemies. However, they are more expensive to maintain in comparison to projectile weapons. Construction-wise though, the LIR-01 comes out cheaper to produce than the standard [GIR-01 Gauss Rifle](#).

Even so, the LIR-01 was designed in conjunction with the [Jäger Heavy Infantry Armor](#) as a handheld energy weapon. While designated as Anti-Armor weapon, it isn't as capable of penetration the same way the [GIR-01 Gauss Rifle](#) is capable. In fact, the LIR-01 is merely a miniturization of the [10mm Infantry Laser Cannon](#) that can be equipped to the [Jaeger's](#) shoulder hardpoint. However, it's versatility as a handheld weapon cannot be denied and it was approved for usage in the fourth quarter of AF 260 ([YE 34](#)).

Appearance

While slender, the LIR-01 is fairly blocky aesthetically. In fact, it would be difficult to tell it a part from a thin packaging box if it weren't for its pistol grip, the battery and the cylindrical gas canister protruding from the dorsal side, and the heat sinks. It is shorter than either than [GIR-01 Gauss Rifle](#) or the [FIC-01 Flechette Cannon](#) and much lighter. The only reason why it is considered a Heavy Infantry weapon is by the amount of waste heat vented from the cooling system, which would burn any Light Infantryman.



Discharge Information

Damage Rating (Pulse) : 1 ADR
Damage Rating (Beam) : 3 ADR
Effective Range : 1000 meters (~1093 yards)
Amount of Pulses per Canister/Battery: 400
Amount of Beams per Canister/Battery: 100
Pulse to Beam conversion: 4 Pulses :: 1 5-second Beam

Firing Mechanism

The LIR-01 uses the [Standard Abwehran Trigger System](#). The LIR-01 is capable of firing 5 second continuous beams and rapid-fire pulses.

Ammunition

Does not use Ammunition.

Weapon Mechanisms

Safety: Ambidextrous dial safety Fire Mode Selector: Built into the Safety.

- (S)afety
- (P)ulse Mode
- (B)eam Mode

Weapon Sight: Camera-sight. Attachment Hard Points: None Energy Source: [Nuclear Battery](#)

Prices

Weapon : 4800 Credits (1600 KS)

Replaceable Parts and Components

- Cooling Assembly: 2700 Credits (900 KS)
- Firing Assembly: 600 Credits (200 KS)
- Focusing Lens: 200 Credits (66.67 KS)
- Gas Canister: 200 Credits (66.67 KS)
- Lasing Rod: 1000 Credits (333.33 KS)
- [Nuclear Battery](#): 100 Credits (33.33 KS)

Ammunition

- None

Optional Attachments

- None

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