

## WEAPON GUIDE

# HK G3

SMALL ARMS REVIEW TEAM

### SELF-LOADING SERVICE RIFLE (7.62x51MM/.308W)



Ludwig Vorgrimler's G3 rifle (c. 1959), first manufactured by Heckler & Koch, is the best full power self-loading service rifle due to its combination of reliability, durability, ergonomics, accuracy, firepower and economy of manufacture, and is a top choice for sharpshooters when fitted with a telescopic sight.

It uses a delayed blowback action. The standard G3A2 has a fixed stock while the G3A3 uses a collapsible stock. Aftermarket folding stocks are also available for them. The G3 is more accurate than most assault rifles, while the 7.62x51mm NATO (.308W)

round has better penetration of cover than the 7.62x39mm, 5.45x39mm and 5.56x45mm assault rifle rounds, especially when used with AP bullets.

The semi-auto PTR-91 GI and GIR variants, which have a steel trigger housing and magazine paddle, is readily available in the US and relatively inexpensive.

Aluminium magazines are far lighter than steel mags and very reliable if not as robust.

For sharpshooting use (it is less than ideal for assault use due to its weight) it is best fitted with a scope like the Hensoldt Wetzlar 4x24, which is ideal for precision rifle fire.

For some uses a red dot sight like the Aimpoint H-1 is best, in a low profile mount like the B&T HK MP5 low mount for Aimpoint (BT-10266).

If you have trouble cocking it fit an extended cocking handle, while recoil can be mitigated by fitting a heavy recoil buffer, a #17 locking piece (which also allows reliable operation with a sound suppressor), and a wider HK21 butt plate.

The recoil buffer in the stock must be kept dry (oil can migrate there if the rifle is stored vertically with the muzzle up) to function correctly, otherwise recoil can substantially increase.

### PRIMARY ARMS SLX 3X MICROPRISM



The SLX 3X from Primary Arms is a superb general purpose telescopic sight for tactical use on battle rifles.

There is a variant with a bullet drop reticule (BDC) for the 5.56x45mm (.223R) and 7.62x51mm (.308W) rounds (ACSS Raptor 5.56/7.62 YP).

It is best attached to a G3 via the MFI Universal Low Profile Scope Mount which has a Picatinny rail, while the SLX 3X is best attached to it via a QD mount like the AD-B2 Cantilever Mini ACOG Mount from American Defense Manufacturing.

### RECOMMENDED ACCESSORIES

#### Log Book

Firearm Usage & Maintenance Log Book. [Blackheart International]

#### Operator's Manual

G3 Manual. [HKPARTS.NET]

#### Cleaning Kit

.308 Rifle HK Cleaning Kit. [HKPARTS.NET]

#### Firearm CLP

Beak Free CLP. [Safariland]

#### Broken Shell Extractor

UTG .308/7.62x51mm Broken Shell Extractor (TL-EX308). [Leapers Inc.]

#### Rear Sight Tool

HK Rear Sight Tool. [HKPARTS.NET]

#### Dry Fire Rounds

A-Zoom Snap Caps. [Lyman Products Corp.]

#### Sling

HK 3 Point Sling. [HKPARTS.NET]

#### Ear Plugs

EarPro EP3 or EP4. [SureFire]

### SPECIFICATIONS

Weight: 4.38 kg (9.66 lb)

Length: 1,025 mm (40.4 in)

Barrel Length: 533 mm (17.7 in)

Action: delayed blowback

Magazine Capacity: 20 rounds

### HOT TIP

Training magazines can suffer metal fatigue to their springs so don't use them for combat.