



KORALP 12.7MM REMOTELY CONTROLLED WEAPON STATION



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GENERAL FEATURES

- 12.7mm anti-aircraft, 7.62mm machine gun and 40mm grenade launcher
- Advanced remote control system
- Artificial intelligence supported target detection
- Automatic target tracking
- Shooting at moving targets
- Shot on the move with stabilization
- Computer based ballistic calculation and fire control
- Day and night vision capability
- Ability to find distance with a laser
- Manual use in emergencies
- Ballistic protection
- Optional wireless command facility
- Low silhouette and lightness

- Compliance with MIL-STD-461E for EMI / EMC
- Compliance with MIL-STD-810 for environmental conditions
- Fired bullets counter
- Last ammunition alert

LOGISTICS

- Low operating cost
- Low lifecycle cost
- User-friendly digital manuals

PROTECTION

BR6

DIN EN 1063: 2000-01 TS EN 1522/1523
• 7.62x51 mm FJ/PB/SC NATO (B6)

BR7 (Optional)

DIN EN 1063: 2000-01 TS EN 1522/1523
• 7.62x51 mm FJ/PB/HC1 NATO AP (B7)

TECHNICAL FEATURES

Weapon Options

- 7.62mm: FN MAG 58 or M240 Machine Gun
- 12.7mm: M2HB Machine Gun
- 40mm MK19 Mod3 Automatic Grenade Launcher

Weight and Size

- **Weight:** 305 ± 5 kg (excluding gun and ammunition)
- **Inner Units:** <40Kg
- **Height:** <84cm

Movement Limits

- **Tilt:** -30 ° / 60 °
- **Pan:** n x 360 °
- **Maximum Rotation Speed:** Pan / Tilt: 90° / s
- **Maximum Acceleration:** Pan / Tilt: 300° / sec²
- **Operating Voltage:** 24 VDC (20 - 32 VDC)
- **Operating Temperature:** -32° ~ + 55° C

Ammunition Capacity

- <1000 pcs - 7.62mm
- <400 pcs - 12.7mm
- <96 pcs - MK19 40mm

Thermal Camera

- **Uncooled**
- **Spectral Range:** 8-12 μm
- **Pixel Resolution:** 640 x 480

Daylight Camera

- **Field of View:** Narrow: 2 ° - Wide: 63.7 °
- **Lens:** 30x optical zoom
- **Image Sensor:** Exmor CMOS (1080p)

Laser Distance Meter

- **Eye safety:** Class 1, eye safe
- **Wavelength (nm):** 1550 ± 20 nm
- **Maximum Measuring Range:** 12000 m (NATO target performance 5100 m)

Command and Control

- **Monitor:** 13.3" high brightness
- **Resolution:** 1920 x 1080
- **Dimensions (W X H X D):** 382 x 312 x 114 mm
- **Operating Voltage:** 24 VDC (20 - 32 VDC)

