

# NEROD RF

Anti-drone Jamming Rifle



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# NEROD RF

## Anti-drone Jamming Rifle



### — Description

**NEROD RF** (Rifle) is a portable anti-drone solution:

- One-piece solution, lightweight, compact, ergonomic and ambidextrous,
- Effective against commercial and military drones,
- Selectable frequency bands,
- Safe for the operator (HERP compliant).

### — Mission

**NEROD RF** neutralizes drones by jamming the drone-remote control link.

Once the link is jammed, the drone becomes inoperable. Depending on the drone and the type of jamming selected, the aircraft will land, hover or return to its take-off point (Return To Home mode).

### — Technology

**NEROD RF** neutralizes drones by jamming communications between the drone and the pilot's remote control, as well as the reception of geo-positioning signals (GPS,

Glonass, Galileo, Beidou).

It can jam 8 frequency bands simultaneously:

|                   |                     |
|-------------------|---------------------|
| 400 MHz (UHF)     | 1.5 GHz (GNSS L1)   |
| 800 MHz (UHF)     | 2.4 GHz (Wi-Fi ISM) |
| 900 MHz (UHF)     | 5.2 GHz (Wi-Fi ISM) |
| 1.2 GHz (GNSS L2) | 5.8 GHz (Wi-Fi ISM) |

### — Use case

**NEROD RF** is a compact, lightweight piece of equipment that enables you to deal immediately with a hostile drone, thanks to its intuitive operation and instant reactivity.

Capable of jamming 8 frequency bands, it can deal with class 1 drones (mini-drones, micro-drones, nano-drones) by neutralizing them at long range (1.2 mi and more), without disturbance to other radio frequency equipments, or with any danger to the operator (HERP, HERF, HERO standards).

**NEROD RF** can be used from the ground, on a vehicle or in a helicopter. It can be worn along the body with a strap or stored in a backpack for greater discretion.

### — Technical data

NEROD  
Rifle

|                              |  |
|------------------------------|--|
| Frequency bands              | 400 MHz - 800 MHz - 900 MHz - GNSS L1 & L2 - 2,4 - 5,2 - 5,8 |
| Interference range           | Up to 1.7 miles   3 km                                       |
| Type of interference         | Active   |
| Antennas                     | Directional  |
| Dimensions (L x l x h)       | 37.9 x 6.5 x 12.6 inches   96,3 x 16,6 x 32 cm               |
| Weight (without accessories) | 12.34 lbs   5,6 kg   |
| Operating temperature        | -4°F to 131°F   -20°C à 55°C                                 |
| Ingress protection           | IP54   |
| EM compatibility             | HERP - HERF - HERO standards                                 |
| Security features            | PIN code   |
| Power supply                 | MIL-PRF-32052, MIL-STD-810/202 / UN 38.3 batteries           |
| Battery life                 | Over 1h continuous jamming on all bands                      |
| Polarisation                 | Circular   |
| Color                        | Black - Sand - Brown France Earth                            |
| NATO number (NSN)            | 5865-14-607-5129 NEROD G1                                    |



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