



Groza-R

counter-multicopter electronic warfare gun

Designation

Prevention of unsanctioned trespassing by multicopters into the territory of the protected facilities by jamming their control channels and on-board GPS and GLONASS systems' navigation equipment.



Employment mode

The user, on detecting a multicopter, points the gun on it and presses the multicopter control channel jamming button. The multicopter will either perform a forced landing or attempt flying “back home”. In the latter case, the user will press the navigation jamming button and the vehicle will transit into uncontrolled flight and fall down.



Composition

- jammer shaping unit;
- storage battery;
- antenna system (three antennas) mounted onto the gun gripstock.

The jammer shaping unit and the storage battery are housed in the portable container inside the backpack.

The power-on and radiation-on controls are installed on the gun body.

The gun is equipped with a collimator sight.



Specifications

Frequency ranges of victim control channels	2.4–2.485 GHz 5.72–5.85 GHz
Frequency ranges of victim GPS (L1) and GLONASS (L1) navigation receivers	1.574–1.576 GHz 1.598–1.605 GHz
Multicopter navigation equipment jamming range	up to 5 km
Multicopter control channel jamming range	up to 2 km
Continuous radiation time	60 min
Single multicopter engagement cycle	0.5–2 min
Power supply	storage battery
Weight (gun with case)	18 kg