

PELENA-20R

PORTABLE JAMMER OF RADIO-CONTROLLED EXPLOSIVE DEVICES FEATURING WIDE RANGE OF SUPPRESSED FREQUENCIES



The Jammer is intended for efficiently combatting the control channels of radio-controlled explosive devices in frequency range of 20 to 6000MHz, including those of cellular communication devices 2G, 3G, 4G, 5G. It is used in circumstances that may require a prompt repositioning of a protected zone, in both urban and open-terrain environment, as well as when there is a need to redistribute efficiency of counteraction within specific ranges of a frequency band.



Power options include the following:

- from the replaceable storage battery
- from mains of 187 to 244V DC
- from vehicle's on-board network of 11 to 30V.



The supply kit includes: transmitter, cable set, power supply and charging unit, remote control, spare parts set, operating documentation.





BASIC FEATURES

- Complete neutralization of the whole spectrum of threats across a radio channel in a frequency range of 20 to 6000 MHz by completely jamming the radio frequency spectrum with a powerful signal
- Possibility of standalone operation for at least 1 hour, when using the built-in high-capacity battery
- The innovative antenna system that is ten times smaller compared to the existing analogs, which allows it to be fully accommodated inside the transmitter case and that ensures the efficient jamming of radio signals
- Availability of several operating modes including the barrage, the window, and the aiming that would contribute to significantly expanded applicability and the enhanced jamming efficiency
- The mode of intelligent adaptive jamming will ensure the scanning and a power redistribution depending on the signals detected, while maintaining the barrage suppression all across the operating frequency range, thus enhancing the counteraction efficiency
- For ease of use, there are several transportation options including a mobile unit (wheels with a built-in handle) and a backpack-harness carrying system
- Opportunity to arrange a network operation of several jammers under control of a single operator with a personal computer for quickly organizing protection of stationary objects of various area, depending on the number of jammers being used
- Availability of several modes for operational monitoring and indication for the internal units and a charge level of the built-in battery to allow you to configure the jammer under specific application tactics, including that to ensure complete sound-and-light masking

Type:

The suppressed frequency range:

Operating time:

Power output:

Power supply voltage:

Power consumption:

Max weight:

Overall dimensions of transmitter:

Portable

20...6000MHz

from 220V mains: minimum 8 hours

from batteries: minimum 1 hour

minimum 115W

13.8 (-1.2 + 16.2)V; 220 (-33 + 24)V

maximum 550W

22 kg

(460 x 845 x 220) ± 10 mm