

# PELENA-8TSU

UNIVERSAL JAMMER FEATURING THE SAMPLING  
FREQUENCY JAMMING OPTION



The device is effective both as a stationary and a portable version. The Jammer is used by special services to ensure personnel safety during mine clearing operations. The Jammer is applied when it is necessary to support operations of the allocated communication means while suppressing control radio lines of explosive devices by providing frequency windows.



The Jammer can be powered by 220 V mains, by the vehicle's on-board ( $13.8 \pm 1.2$ ) V mains, or from built-in batteries.



Transmitters, power supplies and chargers, external antennas, remote controls, laptop, PC connecting cable, power cables, platforms to mount transmitters inside a vehicle (including fasteners), spare parts kit, operating documentation.





## BASIC FEATURES

- The higher output power of the Jammer effectively protects from unauthorized access to the commercial information and prevents operation of radio-controlled explosive devices by covering the entire range of the wide operating band

- The product allows forming frequency windows to ensure serviceability of the allocated communication equipment, while effectively jamming other RCED control radio channels

- Parameters of transparency windows are set from a laptop

- The Jammer consists of two transmitters that can be used both jointly and individually and allow selecting the frequency band to be suppressed

- The Jammer transmitter features the health check indication for the internal nodes and power level indication for the built-in battery

- The battery supports autonomous operation of the device for at least 30 minutes when an external power supply is lost



- To facilitate transportation, the product is equipped with a mobile unit (wheels and extension handle)

- Impact-resistant cases ensure effective protection of equipment from mechanical impacts

- Due to internal and external antennas the Jammer is effective both as a portable versions and when placed inside a vehicle. An easy-to-use selector switch allows switching between application versions quickly

Type:  
The suppressed frequency range:  
Operating time:

Total integral power:  
Power supply voltage:  
Power consumption at 12 V:  
Weight of transmitter:  
Overall dimensions of transmitter:

Universal  
20...3500MHz  
• from batteries built into the transmitter:  
minimum 30 minutes  
• from 220V mains: minimum 4 hours  
• when using vehicle's on-board mains:  
minimum 4 hours  
min.96 W  
(13.8 ± 1.2)W; 220W, 50 Hz  
maximum 770 W  
maximum 29 kg  
(624 x 491 x 310) ± 10mm