



# MANDAT-B1E R-330UM

RADIO COMMUNICATION JAMMING COMPLEX



**UKROBORONPROM**  
Ukrainian Defence Industry



**ISKRA**  
STATE ENTERPRISE «SCIENTIFIC  
AND PRODUCTION COMPLEX



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## RADIO COMMUNICATION JAMMING COMPLEX

### MAIN SPECIFICATIONS

Full configuration of complex Mandat-B1E R-330UM includes two posts and one reconnaissance station. The complex consists of:



· automated control and reconnaissance station (HF and UHF bands)  
1 pcs.



· automated intelligence and jamming station (HF band)  
2 pcs.



· automated intelligence and jamming station (UHF1 band)  
2 pcs.



· automated intelligence and jamming station (UHF2 band)  
2 pcs.

The equipment of each station is located inside specially designed shelters mounted on high cross country capability trucks of KRAZ type. All units of the complex are fitted out with air conditioning, heating and ventilation systems ensuring normal working conditions for operators and the equipment in any climatic area at ambient temperatures ranging from -50 °C up to +50 °C and wind speed up to 30m/sec.

Radio communication jamming complex Mandat-B1E R-330UM is an automated data acquisition and processing system. It gathers data on emission sources and radiates radio jamming signals within the responsibility area and within frequency range 1.5 to 1000 MHz.

Complex Mandat-B1E R-330UM is intended for cancellation of ground communication channels with both fixed and programmable frequency-hopping, regardless of the type of modulation used, with speed up to 1000 hops per second within HF and UHF frequency bands. Selective jamming (both on time and frequency) as well as barrage jamming is used to disrupt and jam all previously detected frequencies.

Name of article	R-330RDME	R-330KV1ME	R-330UV1ME	R-330UV2ME
Operating frequency range, MHz	1.5 - 1000	1.5 - 30	30 - 230	225 - 1000
Response time from signal appearance till jamming signal radiation, ms (within swath)	-	2	0.3	0.3
Simultaneous bandwidth, MHz	-	28.5	80	80
Radio source coordinates definition accuracy, % of the range	5-10			
Jamming signal strength, kW	-	1.0	2.0	2.0
Coverage area (front), km	up to 90			
Coverage area (depth), km	up to 60			
Communication range between units of the complex, km	up to 30			
Situational awareness display	available			
Navigation system	NAVSTAR GPS, GLONASS			
Power supply system	Autonomous electric power station, industrial power supply system 380V, 50Hz			



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