

MANDAT-B1E

RADIO COMMUNICATION JAMMING COMPLEX

Radio-Communications Jamming System MANDAT-B1E is an automated data acquisition and data procession system.

It gathers data on emission sources and radiates aimed barrage jamming signals within an area of monitoring.

The complex allows to reveal enemy grouping in operational and tactical depth, to define a disposition of military units, divisions, their terrain co-ordinates and relocation based on enemy radio command lines and radio networks.

Within the whole controlled/ covered area (60 km depth and 90 km front) and within the whole operating frequency range (1.5-1000 the system effectively jams up to 80 frequency radio links or up to 6 radio links with technique - that allows to ruin the management of enemy forces.

COVERAGE AREA (FRONT), KM: **UP TO 90**

COVERAGE AREA (DEPTH), KM: **UP TO 60**

COMMUNICATION RANGE BETWEEN UNITS OF THE COMPLEX, KM: **200 (40)**



	R-330RD	R-330KV1	R-330UV1	R-330UV2
Application	Reconnaissance station HF, UHF	Jamming station HF	Jamming station UHF2	Jamming station UHF1
Operating frequency range, MHz	1.5 ±1 000	1.5 ±30	30 ±230	225 ±1 000
Response time from signal appearance till jamming signal radiation, ms (within swath)	-	2 (28.5MHz)	0.3 (80MHz)	0.3 (80MHz)
Coordinates definition accuracy, % of the range	5 ± 10			
Jamming signal strength, kW	-	1	2	2
Situational awareness display	available			
Navigation system	NAVSTAR GPS, GLONASS			
Power supply system	Autonomous electric power station, industrial power supply system 380V, 50Hz,			