

Radio command system for initiation of anti-personnel directional fragmentation mine (MRUD)

The system is intended for remote detonation of all types of anti-personnel directional fragmentation mines by radio link. The set consists of a transmitter and a receiver with antenna in a common housing with safety and arming mechanism and fuse.

The radio link is specifically designed for these mines and is provided with double protection:

- against intentional jamming, ensuring reliable operation in the condition of electronic warfare,
- against system intrusion, using a special code (encryption).

Mechanical safety pin blocks the arming mechanism during storage and transportation and must be removed after mounting the device on the MRUD. Safety and arming mechanism can be armed and disarmed.

TECHNICAL CHARACTERISTICS:

• Maximal range	2 km
• Reaction time	0.03 sec
• Radio link with special encryption and individual addressing	
• Individual or group initiation	
• Operation in all weather conditions	
• Maximum operating temperature	+65°C
• Minimum operating temperature	-30°C
• Storage temperature	-45°C to +70°C
• Service life (battery)	10 years
• Receiver work time in active mode	48 h
• Receiver stand by mode time	1000 h
• Transition time from stand by mode to work mode	60 sec
• Receiver dimensions (with SAM and fuse)	Ø50 x 70 mm
• Receiver weight (with SAM and fuse)	500 g
• Transmitter antenna length	300 mm
• Transmitter work time (battery)	2 h
• Transmitter dimensions LxWxH	200 x 150 x 50 mm
• Transmitter weight	1.5 kg

